Michael Wilson

ME 476C

09/27/2020

Student Directed Self-Learning

The student self-directed learning assignment is designed to help students learn how to learn. As engineers we will always have to learn new skills as new problems and challenges arise throughout our careers. Therefore, it is an essential skill for students to know how to research and teach themselves new skills. The skill that I decided to teach myself is analysis for the aerodynamics of protuberance. I chose this skill because aerodynamics is a topic that I am not very knowledgeable in. This skill is relevant to the Northrop Grumman capstone project as any extrusions of the door design from the outer face of the launch vehicle will cause a change in the aerodynamic flow of the rocket. The main use of this skill in the scope of the capstone project is to verify that that the door design does not create any aerodynamic forces large enough to affect the flight of the vehicle.

The study began with building a basic understanding of aerodynamic forces and drag. Building a solid foundation is essential before diving in deeper into more complex analysis. The main force the door design would cause in respect to aerodynamic flight is the drag force. A basic analysis of drag is based on fluid density, cross-sectional area, velocity, and the drag coefficient [1]. Drag coefficients are constants to account for body shape, Reynold’s #, Froude #, Mach #, and surface roughness [2]. Having these basic parameters allow for an analysis of the overall drag force on an object. These basic equations will likely be the most useful to determine if the door affects aerodynamic forces of the vehicle. Figure 1 shows personal notes relevant to drag forces.

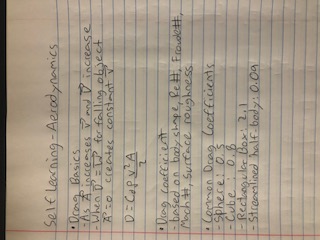


Figure 1: Notes on Basics of Aerodynamic Drag

Reference [3] is very relevant to the overall aerodynamics of protuberance, specifically applied to standard satellite launch vehicles. This is a direct application of what would be used for analysis on the Antares rocket. The article goes in depth about flow field analysis over protuberance for launch vehicles and the process for solving various parameters such as surface pressure coefficients, ascent trajectory, and protuberance forces. This is quite similar to analysis of the effect of all protuberance effects on the launch vehicle as a whole. Therefore, this analysis technique would likely be out of the scope of our capstone project but has potential use if it is determined that extrusions from the door designs cause noticeable difference in the aerodynamic forces of the rocket.

Applying this learned knowledge will be useful for the capstone project as it is essential to make sure there are no major alterations to the aerodynamics of the launch vehicle. I decided to apply this information by creating a MATLAB script to calculate a basic analysis of the drag force of any extrusions from the door design. This will allow the team to compare the drag force to the thrust loads of the vehicle and determine if there will be any major changes that could alter the flight of the vehicle. While creating the MATLAB code I made sure to have the layout clear, user-friendly, and provided clear comments for future reference to allow for changes to the code as necessary. Figure 2 shows the code for MATLAB that will allow the user to input values for each parameter and will receive an output of the calculated drag force.

![Graphical user interface, text, application, email

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEA8ADwAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAE1pY2hhZWwAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzc4AACSkgACAAAAAzc4AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIwOjA5OjI3IDE2OjA1OjI3ADIwMjA6MDk6MjcgMTY6MDU6MjcAAABNAGkAYwBoAGEAZQBsAAAA/+ELGmh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMDktMjdUMTY6MDU6MjcuNzgwPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPk1pY2hhZWw8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgEsAU/AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+kaKKgvb2DT7R7m7fZEmMkKWJJOAABySScADk0m0ldgT0VS0/VbfUvMWESxyxEeZFPE0brnocMBwfXpwfSi/1jTNLZF1PULWzMgJQTzKm7HXGTzRzJK9yeaNr30LtFU7HV9N1Td/ZuoWt3s+95Eyvt+uDxVynuNNNXQUUUUDCiiigAooooAKKgu7210+2a4v7mG2hUgGSZwijPTk1nf8Jd4c/wCg/pn/AIFx/wCNS5RWjZLlGO7Niio7e5gu7dJ7SaOeGQZSSNgysPUEdakqhppq6CiiigYUUUUAFFFFABRRRQAUVmHxLogvPsp1Wz8/ds2ecv3v7v19utaEUsc8SywSLJGwyro2QR7EUlJPYlSTdkx9FFV728jsLfzpkndcgYggeVv++UBP6UNpasrYsUVW0/ULfVLNbqzZ2iLMvzxsjAqSCCrAEEEHqKs0xJpq6CiiigYUUVnS67ZQakljMLlJpHEaM1pKI2YjOBJt2nj3pNpaMTkoq7NGiiimMKKKZFNHPEskEiyRt910YEH8RQA+iiqenapb6otwbXdi3uHt5Ny4+deuPalfWwm0i5RRRTGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZniBYW0o+fLLCyyI8TwwtKwkVgy/IoJbkdPStOilJXVhNXTRx2manevr0yu1o2ozoisLqVbdliXJGyANI/8AET8xX8K19f8A+P7Q/wDsID/0VJVM6LqHNiIbX7Ob/wC2fbfNPmf6zfjZt+9/DndjH5Vd16z1K6udOk02G0kFrP57/aLho8/Ky4GEb+9nPtWMbqKv3X5p/wBdzmSkoyT/AK/r+tiPxTBHBZR6tEoS8spUaOUD5ipYKyE9wQTx9KPFF5qWmW8N7p0iuqzRRva+UCZtzhcBiRt60slhq2rXEK6wtpa2UMiymC2laVpmU5XczKuFBAOAOcdaXxDaatfpFBp1vZPEk0UxknunjbKOG27RG3Bx1z36UO9rrTVf8OVK7Umu346/8D/hiWxg137THcahe2ojbPmWkcBwgxxtfOSQcZJGD6CqWuamLXUPJk8S2+mjaCsCQK8v1OSeP+Aj61sWMmoyb/7StbW3xjZ9nuWmz65zGmP1rIgtdY0m6vVsbCzu1urhphcyXJjYbuzjYSdvQY7Y6U5bJL9RvSOl/wASbw/rn9oaTdTz3ENyLOZ4zcwDCyhQG3YycHB5HqDUNoNf1Sxj1OLUYbPz1EsFmbcOgU8qHbO4kjrjGPepNB03VLN9Qj1j7HPHeTNN5sDsCSyqu3YV4Ax13HPpTINO17TbUWFheWTWcY2Qz3CMZYU7AgcOQOhyPel73KnK+y+/r/WwlzNK9+v56fh5kvhS91LUtLe81WSPfJLIqwImPJ2uy43fxdOuBW5WB4Jj8rwrCokaZfOmKyt1kHmthvx61v1rD4V6F0r8ibK+of8AIMuv+uL/AMjXOeG9dmeHRNObTbmCOWyyZpwoDbEXG3ax6574rodTS6k02aOxjhkmkUoFmlMa88E5Csf0qnoMOq2djb2WpW1nHHbwJGssF00hcqAPumNcdPU1GvO/l+oql3ONvP8ANf5FefzdGtrDRNFKm4nL7JbgbhEg5ZyBjcfmAA45IplxLq2g+XdXmoLqNkZFjnDwLG8W4hQ6leCASMgjOO9XtX065uZbW902SNL20ZiglzskVhhkYjkZwDkZwQODVOa11fW2it9StrewskkWSVY7gzPNtIIUfKAq5AyeSemBSs0/6tb+vn+BMk1dK/l/X+ZL4qutQ0/Rpb/TbhYzbDc0TQh/N5HGSRiltIvEE00d3dXVtbRswLWKw79qehkzy/uBj2PWjxLaanqOmS2OmwWjrMuGkuLloyhyDwBG2enqKuWMuqPIw1Kzs7dAvytb3bSkn3BjXH5018fUpq89b/iUbi51DUtWuLHTLlbKG0Cia48sSOzsMhVB4GBgkkHqKfYJrlvrBgv54ryw8gslwIhHJ5m4fKwBx0ycgCm3FnqNhq09/pEcN1HdBfPtpZDGQyjAdWwR0wCD6DmrFidZnuzNqK21pbhSFtoXMrMf7zOQAPoB360R31vf8P6/ruLW+t73/ry9Tnz4oi1G5uG/4SjTdGhilaKOFniaV9pwWfeeASOABnHOea1fDevLqrXdq93aXs1my5uLNw0cqsDg4BO08EEZ7e9NistU0WSaPTbW3v7KSRpUjkm8qSEscsudpDLkkjoRnHNaOm/2k3mPqkdpDuI8uG3ZnKjvucgZP0UY96mmpaX+f9f5ExU+bV/n/wAN+v4l6sfxRJIuhNFFI0ZuJordnU4Kq8iq2D64JrYqrqVhFqeny2k5ZVkHDKcMjA5DD3BAP4VpNXjY3km4tIBptkNN/s8WsX2TZ5fk7Bt2+mKrR2ceheG1tLS7jtYrWHalxdDcqAd25XP5iqwl8TRxfZzaafNIBgXhuGVT/tGPaTn2Bx7il1PSb260mzj86O+ubWZJ3FwNiXBGeDgHb1yODggdalu92l/X56Gd1bSOqX9L/hjHh8SiC/sxF4jt9VFxcJC1v5CocMcbkI9DzzniuzrmNTtfEmrrbFbXT7NLa4jn8mS5Z2mKsDjcEwg/Bs+1bd1LqaQRGytLSaUj96s100arx2Ijbd+IFFNtRd+/4WX63FTbTd9vn597+RR8K/8AIHl/6/bn/wBHPS313fXesHS9LmS18qITXFy0e8qGJCqqnjJ2k5OcY6c1DodtrmnR/Z7qz08wvcSSvJHfOWUO5bAUxDOM46ip76xv7fVv7U0hYZnkiENxbTOUEgUkqysAcMMnqMHPakr8kfx+7/MFfksv6/r+tRltFr1prMENxdRX+nujmSZoRHIjDG0HBwQeegp+n3N6fEWpWV3cJNFFHFLDti2FA5fg8842jmn2ja3c3iSXsVrY2qA5hjkM0kh7ZbACge2c+oqG7ttTs9dl1DTLaC8S5gSKSOScxFChYgg7TkHcc/TvT2s9Q2V1ff8ArzHaPc351jUrLULlLkW4iaN1h8vAYEkEZPpSeIf+PnRf+win/oD1HothrNtrd/eaqbN0vFQj7O7ZiKggLgr8w5+9kfSo9Uttfvrm1aKx01UtLoTqWv5MuACACPJ46+ppXdo37r8GK79m1r1OirjL7Xvs73DjxfY+dDuIgW2Xysj+FjuJz2+8PpXRtDfahpFzb3yQ2U8yNGrW07ShQRgNkovPPTH41lJbeIBo40q1sNNsVWLyvtAnZ0AxjKxhR+p496mrzNPl7af1/mVN3tb9f+AasU9xqugQXNnKLSW5hSVWKeYEyAcYyM+lYPhSx1k+HbB01mNYcE+V9jB43HjO6t3Qba8s9DtbTUI4Elt4li/cSmRWCqBnJVcZx0x+NZthDr2kWS6da2FncxxFhFcvdlAVJJG5dhORntn61pNLn5lf8SEm1GU77a776djdu455bV0tJxbzH7shj3hfwyM1neHrq8njvotQmSeW2u2hEiR7NwCqemT61bmfUo7GM28FrcXXHmLJM0KdOSCFc9e2PxrK0q31+xuLoy2Omsl1dGdit/JlAQoIA8nnp6ii9qny/Vf8E0k9U9fx2s/1sWtUvb1tSg0rSmjinljaaW4kTeIYwQOFyMsScDtwT7VXM+qaLeWo1C9XULK5lEBkaERyQu33T8vDKTx0BGR1qzqmn3h1CDU9KMRuoUaJ4ZiVSaMkHG4AlSCMg4PfjmoPsmqaveWz6rBBZWlrIJhDHMZXlcfdydoAUHnHJJA6VOt/O/ytf/L8SZ3u979P+D8+/Qhvp9ck8V/2bY3kENrLbecZHh3PDhtuF5wxPvwPQ1b0u5vYdYudL1C4W7McKTxT+WEYqxYFWA4yCvUY6002mqf8JcL/AMi0+xi38jd9pbzMbt27b5eOvGN3vntTo7PUV8WzXzxWos3t1gDCdjJ8pLZ27MdWx97tn2ohdW33f62/QGnzNq+67+V/1NiiiitjcKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArMvfD2majcme9tjM7ABg0r7SB2K5wfyrTopOKe4mk1ZjY40ijWOJFRFACqowAPQCnUUUxhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUF7ewafaPc3b7IkxkhSxJJwAAOSSTgAcmk2krsCeiqWn6rb6l5iwiWOWIjzIp4mjdc9DhgOD69OD6Ul5rmk6fcrb3+p2dtMwBEc06oxB6HBNHMieaNr30L1FULnXNJsrtbW81OzguGxiGWdVc56cE55q/QmnsNNN2QUUVT1PVLfSLQXN5u8tpEiG0ZO5mCj9TQ2luDaSuy5RRTFmjeR40kVnjxvUMCVyMjI7Uxj6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACszxAsLaUfPllhZZEeJ4YWlYSKwZfkUEtyOnpWnRSkrqwmrpo47TNTvX16ZXa0bUZ0RWF1KtuyxLkjZAGkf+In5iv4VsX/8AyN+j/wDXG4/9kqkdF1DmxENr9nN/9s+2+afM/wBZvxs2/e/hzuxj8q0tXsLmea1vtNMf2uzZiqTEhJVYYZSQCR2IODyOlYxvy6/1/X4nPGMrNen5kOuf8hbQf+v5v/RMlV9TuNbPii30/Tru3it7i3eRmkh3NDtKjK8/MTu78D36VNFaanqWrWt3qsMFnBZlnigimMrPIVK7mbAAABOAM9adPaao3iy3vo4LQ2cUDQFmuWEhDFSW2+XjjbjG7nPUU7Nv1f6W/McrtNq/T89RdOuL+11yTS9QulvQ1uLiKfygjD5tpVgOD2IIA71H4km1Oxg+3Wd9GkKPGrW724bdlwD82eOD6VKbPUT4uW+EVr9iFsYN3nt5nJDZ27MdRjG739qg8QWut6lay2dnaaf5LOjLLLeurHawblREQOmOpo15FvfX89PwCV1GSV/Lft/mb5zg4OD2Ncfp1hrTeIdZEetxo6vDvb7EDu/djHG7iulsZNRk3/2la2tvjGz7PctNn1zmNMfrWdLb6pp+tXl5p1pBexXgQsjz+U0bKNv90ggjHuPenNJtP/MqaUrPXT1Ne3SaK1RbiUTzKvzSBNm4/TtXHQ67eXClrjxHaaZqBJC6bc26oqtnhDuIZvqDg9RXUQDU5tOn+2C2t7pwwiEDs6x8cZYgZOfYVlj/AISM6atje6Zp17IYwj3D3REbnH3mQpn8P1qal3tf+v66ilsrX/H/AIc27A3Ladbm/CC6MSmYJ90PjnHtmp6p6RYnTNHtbJpTK0ESoXxjOB/KrlbmsL8quFFFFBQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFZuseI9E8PLEde1iw0wTEiI3lykO/HXG4jOMj86ANKisa+8YeGtMtrW41LxBpdpBeJ5ltLPeRos68fMhJ+YcjkeorVgnhureO4tpUmhlUPHJGwZXUjIII4II70ASUUVU1bUrfRtGvNTvdwt7OB55dgydqgk4Hc4FJuyuxpNuyLdFV9PvYdS022vrbd5N1Es0e4YO1gCMj6GpDcwC6FqZoxcMhkEW8byoIBbHXGSBn3qmmnZkppq6JKKKKQwooooAKKKKACiiigAopk0qwW8k0mdkalmx6AZqnoWtWniLQbPV9OLm1vYhNF5i7W2npkdqAL9FFFABRRRQAUUUUAFFR29zBdwia1mjniJKh43DKSCQRkehBH1FSUAFFU7/VbLTHtEvZxE95OLe3XaWMkhBOAAPQEk9AASadqep2mj6bNf6jIYraEAyOFLYBOOgBPU04xcnaKuNJt2W5aoqCxvrfUrCG9s38y3nQPG5UruU9Dg81X1DXNL0qRI9Rv4Ld3GVSRwGI9cdce9Uqc3LlS17DUW3ZIv0VBaX1pfxGSxuYblAQC0MgcDgHqPYg/jUizRvI8aSKzxkB1DAlcjIyO3FS4tOzQrMfRRRSEFFIzBVLMQABkknpSRyJNEskTq6OAyspyGB6EGgB1FFFABRRRQAUVT1bVLfRtNe+vdwhjZVbYuTlmCjj6kVcquV25ug7O1woqrqGp2mlwrLeylA7bEVUZ2dvRVUEseOgFNsNVttSMgthcKY8bhPayQkZ9nUZ6dqfs58vNbTuPlla9tC5RRRUEhRWV/wAJPoQumtzq9mJVJUgzKMEdRnOM+1Xrm/tLOzN3d3UMFsACZpZAqc9OTxzWjpzTSaepThJOzRPRWVD4p0C4mSGDW9OklkYKiJdISxPQAZ5NatKUJw+JWE4uO6CiiioEFFFFABRRRQAUVFdXdvY2z3F7PHbwJ96SVwqr25J4rM/4S7w3/wBB/TP/AAMj/wAa0jTnNXjFspQlLVI2KKjt7iG7t0ntZo5oZBlJI2DKw9QR1qSoaadmSFFFFIAoqrf6hDp0KyTx3DqzbQLe2kmP4hFJA96fY3sGo2MN5aOXgmUOjFSuR9DyKrkly81tB8rtcnoqnqup2+jaXPqF7uEEC7n2DJxnHT8atg7lBHQjNHK+Xm6BZ2uLRRTJ5lt4HmcOyopYiNC7H6KoJJ9gKnfQW4+iq2n6hb6pZJd2bM0TlgC6MhBBIIKsAQQQRyKs02nF2e42mnZhRRRSEFFFFABRRUVzcJaWk1xLny4UaRsDJwBk00m3ZDSbdkS0VXsL2LUdPt7223eTcRrKm4YO1hkZqUzRrMsLSIJXUsqFhuYDGSB6DI/MUOLTswsx9FFFIQUUUUAFFFZsHiDTbnX7jRYbgtqFsnmSxeWw2rxzuxg/eHeqjCUr8qvYai3sjSoqmNVsjrR0nzwL4QC58kqQTHu27gcYPIwcHjIz1FXKkQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVFc3MNnayXFzII4YlLO57AUm0ldgS0VQ0/WLXUZniiWeKZFDmK4geJip6MAwGR/LvTr7WtL0uRE1LUbS0dxlVnnVCw9Rk0cyte5PNG176F2iqF3r2kWDRrfapZ2zSKHQTXCoWX1GTyPer4IZQVOQeQR3oumNSTdkFFFFMYUUUUAFFFFABRRRQAUU13SKNnkZURQSzMcAD1JpVZXQMjBlYZBByCKAFooooAKKY80cTIskio0jbUDMAWOM4HqcAn8KfQAUUUUAFFFFABRRRQAUVTtdUt7vUr2xh3edZFBLlcD5l3DB78VcpJ31Qk09gorJk8T6ZHNJGHuZfLco7wWc0qKw6guqFcj68VrA5AI70KSlsJSTdkwoooplBRRRQAUUVTuNUt7XVLPT5d3n3gcxYXj5ACcnt1pXsJtJXZcoopkU0cyloZFkUMVJRgQCDgj6g8Uxj6KKKACiiigAooooAKKKKACiiigAooooAKKyl8UaE07QjV7LeucgzqBx15zjir11e2tjam5vbmG3gXGZZXCqM9OTxU80Wr3JUovZk9FZUXijQJ5khg1vTpJJGCoiXSEsT0AGeTWl58Xn+T5iebt3eXuG7Hrj0ppp7ApRlsx9FcN8R/iPF4Nt7fTdKtjqnibUjs07TY+SxPG98dEH649iQ74a+C9T8M2d7qXifVZtS8QaxIs9+xkJijIGFRF6cA4zjsAOAKZR29FFFABXLeOv9RoX/YctP/Q66msfxPosmu6N5FpOtteQTR3NrM67lSWNgy7h3U4wfYmjZp9mn9zuG6a7pr70Z3xI/wCRGuf+vi1/9KI6r+M9Q8S2Wu6BbeG7qzRdSuHtZI7uAsqYid/NyCCcBfu8Z9RTLyw8U+Kfs2n65YafpWnRTxz3clvetcPc+WwdUQGNdqllGSeccY5zVvxNpuv3viTQrvSLTTZbXTZ2nkN1fSQu5aN4yoVYXHAfOc84xgdaLfmHf0IrS413QvFem6Zq+rrrFrqiS7JGtUhkgkjUNxs4KkZ4IyCByc1o+K4tZ/sqS50TVotPNtFJJIsloJ/NwuQOWGOh9etVtd0zW7vxloV/p1tp72OntIZmnvHjlPmLsO1BEwOByMsMnjjrVjxIPEVxbz2eh6bpdzBcW7RtNeajJAyMwI4RYHBGMHO4fSpndw03KjZS12Lnhy9m1Lwvpd9c7fOurOKaTaMDcyAnA+pritS0vxHL8XYvsniOG336VO8WdOV/Lj86P5Pvjcenze3Sui8JQeJNO02x0vWtO0qK3s7RIBcWmpSTO7IoUfI0CAA4J+8ce9JrunavD4ostf0K2tr54bSWzmtJ7gwlld0cMr7WGQUxggZB68c6Tt7XmW2v5NIiN+Sz30/NGxpFrqNpZGPV9RTUZ95ImS2EI29htBP51wN34qvH1zUINY8Z2nhKSC6eK1srm0jVZIwfkkMkpxJuHPyFcZx1BrttGn8QXMk0mvWVhYREAQwW1y8757l3KKB24AP1rBsn8eadYNZajpela8zO+26GoNDlCxKrIhiPQEDIznHSpe41sb3hibVp/DtvL4he0kv2Ll5LL/VOu87GXk8Fdp6nrWtWF4O0Kbw74dSyumgMrTSztHbKRDCZHL+XGDzsXOB0+g6Vu03uJHPeM9dudA0eO6s73QrJ2mCGTXLw20JGCcBgDluOnpmuH/4WZrH/AEMnwx/8KB//AImvVLm0t7yPy7uCKdAchZUDDPrg1V/sLSP+gVZf+A6f4VJQ7Rrx9Q0Szu5ZbOZ5oldpLGXzYGJHVG/iX0NXabHGkUaxxIqIowqqMAD0Ap1U9yVsZ2tWmqXdoq6Nqkemyq2Wke1E+5cdMFhj61T8E6ndaz4J0rUdQZGubiANK0abVLZI4HarOsT69E0Y0LTdOvFYHzDe6hJbFT2wFhkz+lYngqw8U6FpGnaNq2naOLW1i8t7q21OWRz1IIja3Udf9v8AwpLqNlW9ufF138RLzQtN1a0tNOFlFefaGtA80G53XYgJ2sSUzubp0wc8aXh6+1Zda1bQNXvY72eyihngvlgEbOku8AOgONytGeRgEEcCm22m6+nxHu9XmtNNGmT2kdoHW+kMwCNIwfy/JC5JfGN/GM5PSn6dpmtw/EHVdUurbT1027toYI3jvHaYeUXIJQxBRnzP75xjvngWyXr/AF+QPdv0/S/6mBoM3jfX7/WLGfXrayttKvmtlvYLFTNdHYrfdYlUUbsdCSfTHO3pOoa2dS1Lw3q13btqMFstxaalFb4WWNyyhmizgOrLyAcHIIx0GB4fsvEkHiDxVe+Hbyxmhm1iRZbHUA6qrCOP50kTJGRwQQQcDGOc9T4f0G9tNSvNZ167iu9VvESI/Z4ykNvEhJWNASSeWYljySegAAojrGN+qV/u/r/hwejdu/6/5FXw1ea1r3gcvJqMUOqC4uIPtgtQV/dzugPl7scqvr3p3hm+1fxD8P7e4e/ig1OXzEN0LYMoKysufLz3C9M1QsLHxhoMN1pGkWGlzW73U89vqNzeOvlrLI0mHhCZZlLEYDAHA5FafgPR9W8P+FIdL102klxbySbZ7WVmEys5bcQUXYcsflG4DHWjdBszl/h/pHil/CcDweKYIoftVzmI6WrZxcSZ+bf3OT7Zr0yuJ0u18W+GrSTSdN0fTdRtxcTS295LqLQYWSRpMOnlMQRux8uc47V19l9rFjD/AGiYTdbB5vkAiPd3255x9aN0D3ONDnVvjk0M3MOhaOskKHtNcOQX+oSPH/AjXT+I9MbWfDWoadEVElzAyIX6BscZ/HFc1qkLaD8WtO1tgfsWtWn9lTt2jnRjJCT/ALwLr9dvrXb1VOThyyW6b/Nv/IpScanMvJr7l+tynpFj/Zmi2ViSCbaBIiR0JVQP6VlKt3o2tajdHTJr6K9kWRZ7YoZIwEC7GViDgEEjbn7x4roa563j8R6ZNd/urbU4JriSWENctG8Kk5CHKkEY+mOnNdFKTk5N2176X1uXDW5Y8PpphXUJtIDxNcXJkuIZIyjRS7VBBQgEZAB98571j6ZYa23iDWxHrcaOssW9vsQO790uON3HHFbuj2F1BcXl9qRiF1eupaOEkpEqrhVBIBY9STgdenFVpbfVNO1q8u9OtIL2G92MyvceU0bKu3+6QQQB7j3raNS05qLTulvZ9ur+fqaKWsknv3t5dzXhWaKzVbidZZlX5pdm0E+uM8fnXF33if7Baz3ieLLK8lt1Lm2S3VYpcdUVgSQT0HzHnsa6K8sdS1fw7e2d/wDZra4uFKosLM6KOOGYgFs8g4A4NZ2p2niPVtBudKgstO0xZYGiMhuGlGCuNqqEGAemT09DRh1BS9+2+u233P8AD/IdJRT962+u39fcbGtR3Nxok32K5W2fyyxZovMyu05GMj86yvDNlq40TSZH1iNrf7NEfJ+xgHbtHy7t364rbhjuJ9L8m/jihmdCjrDIZFHbhiqk8e1ZFgviOw02306LT7BzbxLCt092wVgowG2BM5wOmfxqKcn7OVNW3628+rIi3ycun4EniTX10qazskvLOxlvN5+03jgRxIuMnBI3N8wAGfU9qy4/E8VheWw/4SjTdZgnmWF4leITIWOAy7D8wyRkYzjnPFbuq6bc3E1pfWEkS39oGAEoPlyq2NyHGSASAQecEDrUcc2v3E0atp1hZRhgZJHuGmJHcKoVfzJGPQ1dN0vZpWT76pfmr7W2Ki4ci09dv+H+42aKKK885jB8US6nY6dNqFhfRxR28YLQPbh95z/ezx19K3qwfEVrrWp2N3p9laWHkTKFWaa8dWHQ8oIiP/Hq0rCXU5C/9p2lpbgAbDb3TTbvXOY0x+tdM43oxel1fte2lvPuayXuLb8PI5/WrPVJPGGlGDVI4lYTmJTahvKwq5/i5zXR2EN3Bb7L+7W7l3E+YsQj49MZNZGoW2uza9aXltZac0Nn5oQSXzq0gcAZIEJ29OmTWzZvdvbg38MME2TlIJjKuP8AeKqf0q60pOlBaaLyvu+2pVRtxitPw8yeq2o20l5pd1bQymGSaF40kH8BIIB/CrNUdatLu+0W6ttOuPs11ImIpskbD68c1zU/jWtjKHxIwpp7eHw2dJ1/Q7i0sxB5MskEazQKuMbgVywA65KjHWumtViSzhW3bfEsahGBzlccHP0rGkk8TTWrWhsdPSRl2G8+0sUHbcI9mc/7OfxrQitZtL0OC00yOO4e2iSKNbiUxhgoAyWCtjj2rpraxSurt9Hdevl839xpPVJfqU9C/wCQrr//AF/j/wBERVtVz2l22v2eo3ks9jpvlXtyJnKX8haMbEQgAwjcflz1HXHvXQ1nXXvfJdfJE1PiCsS8u9Qv9Zl0zSp0tEto1e5umj8xstnaiKeM4GSTnqOPTbrGvLHULTV31PR1hnM8ax3NrNIY9+3O11YA4OCQQRgjHIxSo2u72vbS+1/67hTtd9+g21utR03WINP1W4S9iu1Y29yIxG4dRko4HByMkEY6EYqtrd9rVhrtlHpzRXUd6XRLZ0CCMqmdxfOSO+AM9qtWtlqN9q8Oo6wkNutqrC2tYZDJhmGC7Ngc44AA4yeTniHU7XXJ9cs7u0s9PaGzaQp5l66tIGXbyBEQuPqa6Y8vtNbbO+1r62/TY1Vubpt8r/1bYv6dbatBMx1LUIbuNlztS38so2e3JyuPXn3rRqvZvePb51CCCCbP3IJjKuPXcVX+VWK4qjblrb5W/TQwk23qI33G+lcd4W12dNM8O6f/AGZcxxzxeWbiUKEIWItlcMTzt7gcV1l2bgWrmziilmx8qSyGNT9WCsR+RrC0iDxHpWjWlh/Z+ly/Zolj8z+0ZF3YGM48g4rpo29lJNJ37u3R6/iawtyNfr6j9Win8OeCpv7Hn2PYwl0MyB94GTtPTr61Ddy69penjVbzUIJQjI01kkAEYUsAQr/eyAep4OOgzRPo+sSeC7nTAto97dtNvL3L+XGsjsww2wlsAgYwKua3Z6pqXhlrSGC0W7m2iRXuW8tADnhvLy3QfwjrWsZRTSk07yd3ptp/wS01dJ2ervtt/VyXWb+6iuLPT9M8tLu8LYllXcsKKAWbHGTyABnqfasnVZPEelSWMMWpxXMV5dJA08tsoeAnJzgEBgcY7EeprW1HTbq+js7uGSO01K1O5DzJHyMMh+6Sp9eDwD7ViaxDq0upaI+q3FrGF1BPKtbTcfMIDEszNg4AzwB9SaMPyaLTre6vrr/wPLuFO1umz+/U65QwiAdtzActjGT64rI8If8AIn6Z/wBcBV2/k1NCg0y0tLgEHebi6aHHpjEb5/Ss3w7a61plhaaffWlgIII9jTQ3jsx9MIYgP/Hq54x/cvVbp7rpcyS/dv8AruO8USanZ6Tdahp19HAtrbvIYntxJ5hAz1yMVtId0ak9SAaxfEVtrOo6fe6fYWtiYbmBohNNeOjKWGCdgiYcf71XtPk1RiV1Kzs4EVRta3u2lJPuDGuPzNEo3ora6v2vbT5hJe4tvw8jD1XWJ4tcuLa81mPQraIL5DyQKRPkZLeY/wAuAcjaOeM9xWtoE19PZyvqFza3a+afs9xagBZYsDDcE85z3qsG8R2V1d/6Na6jbSzF4P8ASDE8SYGFIKEH65/OpNG028063v53itUubuUzLawuRDGdoAG7bnnGS23qelbVOT2Vlbp2/wCHXnfT8DSduW2n4f8AD/eY/h201u60qRrfU4rGFbq4EKJAJC/758ly3v2XHHf06LQ9QfVNEtryZFSSRfnVegYEg49siqeg2mq6bostvdW9mbhZJZIhHcsUfe7PhmMYK43YyAfX2qXw1ZX2naKlnqUduskTNtNvM0gYEk85Vcdcd6MRJT53pvpa22v39BVWpcz03/r9DWrH8T3V7Y6O15p9wkTQspdXi3+YCwGOvHXrWxVDW9PfVNEurOJ1jklT5GYcBgcjPtkCuWi4qpFy2vqZU2lNX2KniS5v7G0hvLG6SJEmjSSJod3mB5FXrnjgmo/El3q1pcaYNHltwbq5+zvHPGSvKM27IOeNvTv6iqmq23ibWrBbcWun2ISSORg9y0nnFHDbQQnyDjrgn271d1m01e7uNLls7ayb7LMLiUS3Tp82xlKjEZyPmzk46dK64RjHlUuVvXt20v8AM2ikrXt17dtBqS6ppWr2MF9qC38F87RcwLG0ThC4I29VwpGDz05rQ1SG+ltwdPvUtGXJYtAJNwx05IxVXV7PUbnVdLnsobV4bSYyyGW4ZGOUZMABCDw2eo6Y96s6i+qD5NNs7OdGUhmuLtoiD7ARtn8xWMnzOEla9vK276bbEbuLVvw/rYTQbyXUPDun3lxt82e2jkfaMDJUE4FYep2eqyeObL7PqscIa0uDGDahvLXdFkfe5zxz7Vo+HrfWNO0+y0+/tbFYbaBYjNDeO7MVGM7DEo5x/eqTVbO+Gq2ep6bFFcSW8ckLwSyGPcrlTkNg8goOCOcmtItU68uW1ne2zXWxUXyzdrdexd0+C8ggZdQvFu5C2Q6wiPA9MAmubvNan/ta7hv9eh0FYZdkEcsC4lXAw5d+GznouMYx1rf0+XVppnfUrW1tYdvyRxTNK5PqTtUD6DP1rPhbxLZrLDPZ2epI0sjRyfajGQhYlVYFD0BAyPy7lU9JScrN/L8NHEIaN3t+H/DF/RJL6XS1fVJLeWcu+JLb7jpuOxhyeq4PWqOoy+JV8V2Cabb2r6Ky/wClSO3zqec45z0xjAPfNWvD+mS6Xp7xz+UskszzGKAHy4txztXPb8BkknAqtqEPiVvFdjJptzapoyr/AKVE6/Ox5zjj0xjBHfNKPL7aVuW2u+3y8+wlbnla3Xf9P0N2sGy8PNa+OtS10shS7toolAJ3Ar97Ptwtb1Fc8KkoJqPVWf8AXyMoycU0uv8Aw5wvxGkOlap4T1634nt9YispCP44bj926n8djfVRXdVxHi+E+IvGvhvw/CCYrK5Gs3zDoiRZESn3aQ/kjV29Zr4fm/u0/W5L+L5f5/pY5DxdceOofEWhJ4OstPn0t5sao9y+HRMjpyO27oCc47V19eewJ4h1742Xcq3t7ZeG9Ct44jArFI725ddx/wB4KGGfcD3r0KhfCv6/ryB/EFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVQ1uO3l0W4jvHkjiZQN8SF3U5GCFAJJzjjBq/RSkrqwnqrHF2uq3p15DM9s99JF5VuLwrZAoTklYdzyMxIHUKOOMc1tazn+1tA3Yz9sbOP8ArjJVO+0XUJf7Rs4YLV4NRmEpu3kIkh4Ufd2nJXb8pyO3THOprGnzXsNvJZSIl3aSiaEyZ2scEFWxzggkZ7daxinya91+d3/XU51GXvL+v60X5FfxN/x7af8A9hG3/wDRgpniTUrmxktEiuBY20xbzr0wmXysAYGOgzz8x4496Q2uraveWp1O2t7G0tZRMUinMrTOv3edoCqDz6nA6VY1Fdbj1SK50wW1xarCUktZpTGWbOQysFPb1p62fm/0Xz6FSu7yXZL8X/n/AJFXQ7y7utRPla1Z6xpwiOZYggkSTIwDsOMYz2FUbrxNFdard2w8RafosNpIYcSvGZpWHU4c4VQeOhJwelaNnYX9z4gTVb+0trHyoWiCQy+Y8u4j77bQMDHA560NY6jpV/czaVBb3ttdSea9vLL5TRyEclW2kEHGcHGDnntS96y7a9/l5/0ibS5dO/ntb79/6sR+HtfW/wBQuNNfUbLUpIYxKl1ZupDoTjDAE7WB/A5B4qPUb3XrXxNFZWDwXSXkMjossexbbaVG5iDlh8x4GMnHTrWrpx1WSZ5NSgs7aIriOGB2kbPqzkKPwA/Gs65ttffxDFqENjprRwQyQqr38ilwzKQx/cnB+Xpz1603e0b3/q//AAPMb5uTd7rv3/4fc09Nt9StzINSvo7xTgoyweWynuOCQR0x3+tXqhtWuXt1N7FFDNzuSGUyKPoxVSfyqatVojaKSWhBfTTW+n3E1rD580cTNHFn77AcD8TXIR6zfXFuDYeKLGXU3XI0+4t1iBbuoUkOCPcmuq1aG9uNKuItLnSC7ZcRSP0U571j6lb65rGnSabdaXp6CVdjXLXJkVP9tU2A57gZHPesp35tP6/rzMqt3tf8f0LniiK6l8M3v2W5W3ZYJC5MW/cuw5XqMfWodEstXSzsZJtXjlgESEwizCkjaON279a1Lmy+0aTLYtI2JIDCZDyeVxmsq1fxHBaQ2a6fYBokWM3LXbFCAMbggTP4ZH1p2Sm36fr/AMAJL3oyd9n38uxe1y6+x6f5v9p22mDcA09wgYY9ACw5/P6VjaPr/ma/Bp6a1Fq0dxE758oRyRFcemAVOT27da0dWsbxtUstSsoILt7VHQwTSbPvY+dTg4YYxz2J5qm9n4iutesdSmh0+OK3Dp9l+0PuAYAFt+zk8fdwB71Pvc9/8/8AhiajlzaeXf5+QzxPbajLrWjNa6ikCNdkIhtw+xvKk+bOeeOMVt6fbahbl/7R1BLwNjbttxFt/InNQa3Y3V0LO4sBG9xZXHnLHKxVZBtZSu4A44Y84PIp1nPrM90pvLK0s7YA7gLgyyMe2PlAA/E1UUlJ+vn2Rdkql3f8TBm8TxX1/dRjxLp2jQW0zQqjvEZpGU4LEOcKucgDGT1zWj4c15dSubqxe+s9QltQri5s3BSRGzjIBO1gQcjPoe9KLLU9Hurg6Xb299Z3ErTeTLL5Twu3LYO0hlJycHBGT1q/pp1R3kk1OK0t0IHlw27NIy+pZyAD9APxNTTUrq79f6/yISnz6vr57fl+pg3mtTjVruG/12HQlhk2QRywLiVcDDl34OTnhcYxW7okl9LpivqclvNMXbbJbfcdNx2sOT1GD1qhC3iSzWWKe0s9SRpXaOT7UYyqFiVVgUPQYGR+Xrb0DTJdL0+SO48lZJpnmMUGfLi3H7q57e+BkknAp07317f1/S0/Acb899fx/wCGNSmSq7wusLiOQqQrld20+uO9PqK6a4S3Y2UUUsw+6kspjU/VgrEfka1ex0GVo0+oDWNRsdRuo7r7OsTJIsIj+8GyCMn0rSvYrma1ZLK5W2lJGJGj8zH4ZFYlvb+IoNYvL7+z9Lb7Uka7P7RkG3Znv5HOd1bd296lqDYwQTT5GUmnMa+/zBGP6VmtY6mVN+6079e5zfhCy1YaHZSnVozb5YtD9kGSN5yN27v64rrKwNAttc0yytrG6s9PMMZIeaO9ctgknhTEAevqK36qmrRQqKSil/mFY8Nzep4tlsprhJbV7Xz40EW0xncFxnPNbFY2pWuoQ61DqemQQ3REDW8sMkvlnBYMGBwe4OR70S0af9bP9bF1L8unl+f+QWVzfp4ou7G7ukuIBbrPEFh2FMuwxnJzwBzVG3fxBf61qdkNSht7a0lULMluDI25AwXByABnryT7VPp1jri+JpNS1IWPkz26w+VDK26HaSQOV+fOeT8v0qbSLTVLfWNSuL6C0SC7kWRDDcs7LtVVAIMajkDOc+3PWs0m1FO/X89DHVvra/ntb/Mm0O8ubhLu3v2SSeyuDA0qLtEg2qwbHY4YZ9xVaaXU7PxLYxS30c1peSSKIfs4UxgIWHzZ56elS6NZ6ja32py30Nqkd1P50fk3DOR8qrggouPu579fxqpeW/iK61Oxuxp+lqLN3YL/AGhJ8+5Sv/PDjrnvTu+WL66f8Ep35eu/ntf/ACN+5SWS2dLaUQykYWQpu2n1x3rk/DdhrTadMYtbjjUXtwCpsgcnzWyc7u55rqrR7p7cG+hhhmycpDKZFHp8xVT+lYttBrWkG4trKxtbyGS4kmjle6MRXexYhhsPQk8jORTklzqTvt5+Q5pO0tfxNLV7m6stFubiyh+0XMceUTaTk+uByfXA5Nc7b6peXEsK6X4osdQuWkTzLOaFI22bhu2rkMCBnrmty+h1mfRUW0ntYdRDozN83lYDAsvrgjj/AArP1C01nXIEs7vTbK0QSKzXQuTK0eCDmMbAd3HBJGPelK/N/X/DE1Lva+3n/X3/AOZ0lFFFbHQY/iC++xRQltattKVyQWliDvJ7Jk4/Q1T8O64bzVrnTxqcWqJHCsyzogR1ySCrAcdgQcDrVi9s9QtvEDapYWkF95lusOyWby2iwScqdpGDnkcdB1qGysteHiY6nfJYGGW3ELRRTPugAYnglP3h5/2awXNzr59/O36HPNy5rry7/wDDBr99rGnapYHTjHdR3cphFoyBcHYzbjJngZGTx0rQ0+31eGcvqWoW9zG6ZaOO38vy2/2Tk5HXrzVPV7XWrrVbKaztLBobKYyqZbx0aTKMuCBEQv3vU9K1bJ72SEnUbe3gk3cLBO0qkeuSi8+2KqK1e5SV5u9/xOUj8URao0k//CVabpEIdlhty8TSEA43SbzxnGdoAwO9bPhvXBrEV1E1za3U1nIEeezcNHKCMqwwTj3GTgg1Fb2eq6GHttOtLbULLezQiSfypIQTnaflIYAng8HHGDWnpv8AaJSR9US1iZm+SK2LNsHuxA3H8BU0+br/AF/XkRFT5ld/n/w36/iXap6vZyahot5ZwSeVJPC0av8A3SRirlZ+uWl7faPNb6Zci1umKmOYk4XDAnp7A8VpNXi0dD2MW+uLR9AbSvEWi3NjZ+UI3kjRZYYwP4gyZKgdcsox3rqIgohQRnKbRtOc5FYNz/wkd7ZyWL2VjAZUMb3YuWdQCMFlTYCT7E49zWr5M9jpUcGmxRzyQoscazymMEDA5YKx6e1KL1bf9bmMNH5W7FDQ/wDkLa9/1/L/AOiY68S+J3jk+Av2gX1S2tlu7yXw4lpbRu4VBK8xILkkYUAEn+YzkezaZba/aaheSz2Om+XeXAlfZfyExjYqnAMI3H5c9R1qDXPhr4P8S60dX13Qba+vjEIjLKWOVHT5c4z74zTp/Ai6b0fq/wAzkvhJ4d0eK9u9f1LxHpviXxlfL5l7cW13HP8AZUPHloFJ2qOBnjOMDivVawfD/gfwz4UuZbjw7otrp00ybJHgXBZc5wfxreqzQKKKKACiiigAooooAKKKKACiisY+KtNFzLbrHqLywnEipplw2306J37etS5JbslyUd2bNFUdO1m01SWaK189ZIApkSe2khYBs4OHUE9DV6mmnqhpqSugooopjCimyu0cLukbSsqkhEIBY+gyQPzIrP0zWDqN1c20tjc2U9sELpOYzkNnBBRmHY0rq9hOSTSNKiiqemX0moW0kstpNaFJnjCSjBYK2Aw9j1FF9bBdJ2LlFFFMYUjoJI2R/usCDg44qja6qLnV7rT3tJ7eW3RZA0hQrIrEgMu1if4T1wav0k1JCTvsc/o/gfw/oOoG90myeC4JJZvtUrhiRgkhmIJx3IroKKKYwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAZNClxA8MoJSRSrAEjIPuOao2OgaZptybi0tQs23b5ruzsB6AsSQPpWjRVqcopxT0ZSk0rJhRRRUEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVla7d3MS2dnYSCG4vp/JWYqG8pQpZmAPBOFOM9zWrVHVdMXVLVEEr288MglgnQAmNx0OD1HJBHcE1M7taEyu4uxkajYXWgafLqllql7cNaqZZobuXzEmQcsOnynGcFcDParPiozf8Izc3tneXFrLbwNNH5LBdx25AbIPFNl0nV9TQW2s39qbLIMsdpbsjTgdmLMcKe4HX1q1r2mXuq6bJZWd5b2sU0bRymW2aVsEY+XDrj8c1lKL5GkvQy5XZ2RXs9K1OYxXuoaxOlzlWMFvtECr3TBGW4/iPPpjpW5VCwg1WGTGoXtncRBcBYLN4mz65Mrflir9bJJLQunGy1CuPvbvV7TWvEL6LYR3TiGJgzTEMrCM4wm07vpkV2FYEeka3Bqd5eQarp4N0Vyr6c52hRgdJh26/wBKzqJu1hVE3a39feadvbwC4kn4S8uIUE2G+bAzjjtyTXPaLpl9qcN01/rmoFIbuaGARSCNgquRliB8x/T2rVs9K1CLVJ9Qvr+2mmktxAghtGjVcEnJBkYnk+op2i6Xf6XbXUdxfW9w00rzIyWrR7GcljkGRsjJ6cfWi3NK7XR/np+BPK3ZNf1br8ynBrdzb+CrjULgi4ubXzY9xGBIyOUBOOmcAnHvST6JqMGnSXcWu3jaisZcs7DyWbGdvl4wF7cc+9W9K0SS10e407VJ4L2Kd5GbZAYhhyWYEF2zyx9KyNTtls9LuLW/8UE2MaFDAQgnYY4jLjk56cDcfWsqnMoNve34iSaS5l+JseFvObwzYz3V1NdS3EKTO8zAkFlBIGAOKZp3/I3az/1yt/5PT9ItryDwjp9tC0dtdx2sS5niMioQoyCoZSfzFVodH16DUrm9TV9OMlyqK4Omvgbc4x+/963ndSVlsKHNyQ0v/wAMbN5bG8tWhW4mti2P3kDBWH0JBrN8MyTtY3UdzcS3JhvJolkmILFVbAyQBV+8jv3hQafc20EoPztPbtKpHsA64/M1maXpGs6c7g6pYyxS3DTyqNPdWO45IB8449sg/jS1VS9tLf5f8E0lfmTS/rUd4kN95dr9l+1i1Mh+1mxAM23HG3POM9cc+lUtFkjOvJHaaxftEIXMlhqSOshORh1MihiBznkjkVp6np2oT6jb3umagts8EboYZYjJHLuIPOGBGMdR6/hUdtpeoT6pBfazdW7m1DCGG1iKKCwwWZmJJ44xwPrUpPnv/X9eRE4yc7pdv63/AOHKF1YT3/jq4jS+mtIBYQmUQHa8nzyYG7+Edc456c1d0dp7XWb/AEuS6muoYI4ponnbc6h9wKlu4yuQTzzUsOl38fiWbU3vrdoJYlhMAtWDBVLEfP5mM5Y5O38BSWul38PiK51GW+t3huEWMwLasrKqlivz+YRn5jn5efaiMWradXf8f+AHK+bmt1/A16KKK2OgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiq2o6jZ6Rp01/qVwltawLvklc4Cj/AD2oAs0Vyq/EfQUmt475dS077XKkNs99pk8KzuxAVVLJjJJHBwcc9Aa2tX1u10SGOW8hvpVkbaBZWE90w+oiRiB7nFAGhRXP6H420fxFMkelJqbrJu2zS6TdQxHbkEeY8YQHIIxnqMda6CgAooooAKKKKACqo0ywF19pFjbC4zu80Qrvz65xmrLEKpJ6AZOBmuc0vxtZ6t4iTSYNO1SAyW8lxFc3lo1vHKqMittD4fq46qB70rJsTStqdJRRRTGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVjeKtEk1/QzaW9wlvcRzxXMDyJvTzIpFkUMuRlSVwa2awPFvhufxJa2CWeqSaXcWN4l5FPHEJDuVWABBOMHdz6jI75C7DMnVdXvIreGPx14ZiGnrcwsb2xvPPihkEimN2VlR1AcLyA2O/GTXa1yF14d8Ta8iWPiXVtN/swSK88Wn2bxyXQVgwUs8jBFJAyACSOMit/VodYmhjGhX1jZSBvna8snuQw9AFljwffJ+lPoLqY3w3/AOREtP8Arvc/+lEldTXLeEvDviDw5bQ2N3rem3thG0jFItLkhlJdmf75uGAALf3en511NMAryHUvGeoQardxL8QJbcRzOohHgq6l8vBPy7xw2OmR1r16ip6j6HAeAvEV3q+szw3HiqTWVWAsIW8Nz6fsOR83mScH029ec9q7+iiqJCuWvv8AkrGjf9gi8/8ARtvXUNnadpAbHBIziuNm8M+L5vEVtrLeJNEFxbW0tsiDQpthWRkYkj7XnOYxjn1pL4k/X8mh9P67nZ1yGhaN4ytPH+s6hrXiC3vPD9wuLCwSLDwHIxk7RjAyOpznPFdNvurbSy9xturqOHL+RGUErgfwqWOMnoCx+tcV8JvCN/4d8P3OpeImkbXdana7vFdy3kbiSsQ9MZOcdyfQUL4m+y/P+vkD+E76iiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKyPEHifTfDFvFPq/2tYpXCK9vYzXADEgAHy0bbksAM4yTgZoA16K5eT4h6HCqtcw61bRl1TzbjQb2JFLEKMs0QA5IGSa6igAooooAKKK5/xD4qk8Oyo0+hajc2RaNHvoHt/LjZ3CAFWlDnkjOFPWjyA6CiisvUdXmsda0qxj025uY9QeRJLmJSUtQqFgXOOASMDpzQBqUUUUAFFY/ifxCPDGiyapLpt3f28PzT/ZTFmJAOXId1yPYZPtWuDlQfUUALRRRQAUUUUAFFFFABRXN33i2ZdWudO0HQr3WprMgXTwSRRRwsQGCbpGXc+CDgZxkZIzWloWuWviDTftdossRSRoZoJ02yQSKcMjjsR+IPBBIINC1DY0qKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuT+JjSp4JdraNZZlvrIxxs+wM32qLALYOPrg11lc/4w0HU/EemRWWm6naaeizxzSNcWTXBYxyLIgGJUwMrz1yD260uq+QGdaS6rrl3rVj430mCw0uGG2liCXLPGxDOzHzdqdCiEjt+NReOItXk8ReGodE1250sX11JbT+WqupjEMjlgrA/P8uATkDrg1JrPhvxhruh3mlXviTREt7yFoZGi0KYOFYYOCbsgH8DVzXfDusalrWjXunatY2kOlSGVYp9PeZpHKNG3zCZABtc4GOCM5PSn2DoylBa3XhfxnpFlBq+o39nqiTpLFqE/nFHRQ6ujEZHcFenIwBiluEvfFfi/U9NOqXmm6ZpAiRo7GTypbmV035aQfMEClQAuMnOTwBWjrOgapqPirR9VtNTtLe300uTby2LSvLvG1/nEqhfl6fKcHk56VDr+iCLVf7c03Xl0G9lRYJ5JUSSG5UZKh0Yj5hk4IIOCQcijtcPQxNNsdatPioNJuvEuoXel22mi8to3ZN7EybSkp2/OB2PB55Jxmtn4j/8iTN/19Wn/pTHWF4Rs43+KWpX8GsSa7KumJDe3+V8tZTIWWFAvyrhRnaMkbskkmtrxT4c8SeIoJ7KDXdLtLB5Y5ER9JkllXY6uAXFwoPzL/dHH5018Mf66v8AQH8Uvl+S/U6yuM1m2vNK8b6Bcwa3qTw6lqEkM1lJKpgC/Z5XAVduRgoD1rodIg1uES/29qGn3pOPK+xWD2231zumk3dumPxrn9U8NeLdT1LT7tvEeix/2dctcW6jRJTkmN48MftXPyuemOQPpS6oOjOyOdp29e2a8k+0XUFjLN4t1nxdo2tLuL3UVvI9hC2TgqI0aLyxxy/OOpzXpEVlqk+hXFpq2oW0l3MjoLmytWgVAwwCEaRzkeu78qwLTRPHFhpcOlxeItKuIoohEL6406Q3GAMZKiXaze/A9QaTW40yHxd9oPwO1Dz76K/uf7H+e8j5Sd9gy4x2J5/Gq2t6Vqnhfw9/wkI8S6peajatE86SyAW06l1Dp5ONqLgnBHzDjk851tU8FzS/DpPCWi6lHZwi3Fq9xdWpuGaPGCQFdMMTznke3pL4j8Paz4g8HjR/7Xsbe5l2i5uf7OdkcA5+SPzgV5A6s3f8Kb95tErZJnTUVDaLcpZxLfSxTXIUCSSGIxozdyFLMQPbcfrU1IZ53458S3ek+IBb2/i6TR08lW+zr4Ynvwck/N5qcc+nbFZWh+ML+716xt5PHkt4sk6qbc+DbqDzQT93zDwmf7x4Fes0UR0B6hRRRQBi67rln4bt18q2+0X99IVtbG3UCS6lxz9AByzngAZNN8K6Lc6RYXMupyxy6jqNy15eGIYjWRgBsTPO1VVVyeTjPesaLwj4ltPEmoaza+INJluLtyI5L3R5ZZLeHOVhVluVAUeyjceTk10ei2mr2sE/9vapb6jPJNvja3s/syRJtA2BS7k8gnJYn5vaiO1/69P67fePe39ev9f8NheJNG8ZX3jTQ73w94gt7DRLVs6hZSRZacZ5wdpzkcdRjrzXX157pPhXUtT+Mmr+LNcWaGzsY0stIt2f5XG3LzYBx1ZgPqfQV6FQvhX3/f8A18gfxP8Ar+v1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiquo38em2ZuJEeT5lRI4wCzsxAVRnAySe5ApNpK7E3ZXZaoqhp2qG9nmtri0ls7qEKzRSlWyrZwwKkgjgj14pl9r1lp9/FZ3AujPKu5Fis5ZQw78qpHHf0pcyFzxtds0qrX+m2OqQiHU7K3vIlbcEuIlkUH1wQearXuvWWn30Vpci6EszBY9lnK6sSM4DKpGcAnrxitKmmnsNSTdkyG0s7awtlt7G2htoF+7FDGEUfQDipqKKYwooooAKKKKACio7idba3eaQSMqDJEcbOx+iqCT+ArJj8V6bLcNAkeomVMb0/sy5yuemf3fGfepcop2bJlKMd2bVFFFUUFFFFABRRRQAUVD9rgN8bPf8A6QIxKUwfu5xnPTqKmo3AKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACs/XIln0to2trm5JZSi2pUSKwOVYFiAMEA5JxWhRSkrqwmrqxxOm3l0mryRzX6wXE0iwyT3EbXDMR0i3oiQowyflG45PrW7f/8AI36P/wBcbj+SVCdAu8/ZBeQ/2abr7Vs8k+bnzPM27t2Mbu+M4496v6rpj33kT2lx9mvLVy8MpTevIwVZcjKke47VjFSUdTnjCSTX9b3/AK2Kuuf8hbQf+v5v/RMlReIze/arUKb8adtfzzpwzLv425x823G77vOcVPbaVfz6nDfa1dQStbBvIgtoiiKxGC5ySScZA6AZNLfabqbav/aGmajHF+5ETW1xCXjbBJ3ZDAg802m16v8AT/gFNSabt2KXh+VX1edLbV7u4t0hGbK/RlmibP3vnUMVI45zWcdXj1W9u3vrzWLeGGd4IYNPs59uEO0s0iIdxJB4BwB2zmt+x0y9/tX+0tWuYZZ0iMMUdvEURFJBJJJJYnaPQD0qN9J1CyvJ59Du4I47l/MltrqIugc9WUqQVz3HI+lLllZfP89OpPLPl07/AIW9fwv/AJEPhvULia6u7OR7y5t4QrwXV3aPA7A5yh3Ku4jHUDoRnmqktvq58Wz6fZatNHay2yzyySkO8WXYYjGMDOOpzjHQ1u6fbajE0kmp38dwzgBYoYPLjj+mSWJ9yfwFZ39j64uryagmraeJHhEO06c5AUMSP+W/Xmm4v3b3/pPz9AcZcltd/wBfU09OsH0+N42vbm7RmyhuGDMnHI3YBI781cqOATLboLl0kmA+d40KKT7KScfmakrbY3irLQKxdO/5G7Wf+uVv/J61rhZmt3FrJHHMR8jyIXUH3UEE/mKxLfR9cg1O4vRq2ns9yEWRf7OfGEzjH7/jqfWolfmWhM73VlcPFf25Y9PbTb+Szme8SEkAMpDdcqeuMcUyW2n0PUtNaLUry6S6uPInjupN4bKMQw4+Ugr2wOelXNb0u91M2n2O9t7YW8yznzbZpdzL06OuB/nijVtLvdQmsHtr23g+yTCZhJbNJvbBHZ1wME+vaoUXdu3Vfdpf9TOcW5NpdNPXX/gGbq0GoyeMLO1stWuLa3vLeV51BU7AhQDy8jgnPU56mpp4Ljw9dWc0GoXV1az3CW80F1J5hBc4DKx5BBxkZxjNVtfit7rxhpinUfsU8FrO8cqSKCjbo+oPBBBPB61pwaJcSX0N1rGotfNbndBEsIijRsY3EAklsHjJwM9KmCd9O/4XJabnJLfprtov68xlmZ4fGF9btdzzQNaxzLHIwIjYu4O3jgYApNLE9v4n1K0kvbi5hWCGVBOwOwsz5AwBx8oqW/02/wD7WXUdIuLeKZofIlS5iLqygkgjBBBBJ+uai0vRNQstbuNRvNUS7N1EqSxm22bSpONhDcL83Qgn3qopppW2v+v/AAC2pKWi6mdJorzeOZwNW1GPdZCTKSqMZkPyj5eldLZWhsrYQtcz3JBJ8ydgzfmAKo6hpt62qJqWlXEEc4h8iSO4jLo65yOhBBBz69asWEGop5japeQzs+NqQQeWkf5sST+P4U6a5Va3f82xxjabdt/8kc1K8y3Ny2vXWu2swlfy5LON2t0TPyEeWrDpjO8dc10egtI+h2rT3yag7Jk3SYxLz14rPtNM8RadZpaW+q2dzGgws11auZF+uHw36Vp6Tpy6VpqWolaZgzO8jADezMWY4HTknilTi1v/AF/XcmEZKd2v6+8u0UUVsdAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUVnaTqkupT6jHNp9xZizumt0aZSBcKFB8xeOVOcfgavyypBC8szBI41LMzHhQOSauUJRlyvcNx1Fc7Y+LZdSNvLaeGtZayuGHlXrLAqMp6PtMokC455TOO1dFVVKU6TtP81+mwk09gooPFYWjeMdJ168uLbTV1FpLUssxm0u5hVWXGV3PGBu5Hy5z7VkM3aKxNF8X6V4g1C5stOF+Li1AMy3Wm3FtszggEyIoyQQcdcc9K26ACiistdXmPix9H/s25EK2YuRflT5JYuV8rOMbsDOM9DR1sHmalFMmlS3gkmmbbHGpZmx0AGSajsryDUbC3vbOTzbe5iWWJ8EblYZBweehoAnooooAqT6TptzMZrnT7WaU9XkhVmP4kVbAwMCiikklsKy3CiiimMKKKKACiio7idLa2knl3bIkLtsQscAZOAAST7AZoAkorntD8Y2uva3c6bBp2p2jwW6XAkvrYwCVGYqCqsd45U/eUV0NAeQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUF7bG8spbdbia2Mi482Bgrp7gkHn8KnqrqMeoS2hXSbm2tbjcMSXNs06Y7jaroc++6qh8S1sBh+EDdRXuv2F1qF1fpZX6xQyXTBnCmCJ8ZAHdjU/jbT21DwlqAW+u7PyraVybZwvmYQ/K2QciqWm+HvFGnahf3S6/pD/2hcLcTqdHlGCERML/pPHCDrnnP0rX8RadqWq6XLZaXf2lkJ43ime4tGnyrLj5dsiYPPU5+lejOdNYqNSM1bS7s9LJX0t3vshU9HqZXhDw+9npWl3h1vVrkfZIz9nnmVouUHGAoPHbmuqrC0LTNf0yO2ttQ1bTbuzt4REEg02SGQ4AAO8zuO3Py/lW7XNi5+0quXMpemn6IimnGCTCuW8E/8fHiX/sOT/8AoEddTXL3Xh/W7DWbzUPCmo2UCagwkurS/tmlj80KF8xCjqVJVVBByDgHg5zyrSV/K34p/oaPVW87/g1+pHoUfneMvGcYd4y81su9DhlzbLyPesLwjoGr+INClu9Z8XayzR3dzBafZphCY0jmdAz4H7xvl/i+XGBt6k9Zofh650XTb4/2gt1q+oSNPcXs0HyNLtCriMMMIoVQF3ZwOuTmoPC/h/WPD2g3NhPq1jdzPLNNbzJp7xLG8js53KZm3gM3QFeBjPej/IP8yfwXqd1rPg2wvNQdXunRklkVdu9kYoWx2ztzj3rJ0u2vNH+JI05ta1LULSfS5Lgx3squEcSooK4UY4JrS8L6Bqnh3wqdKl1O0uriMyG3uFsWjRNxLDcnmsWwxPRlyMDjrWY3hnxg3iNNaPiTRPtKWrWgT+wptmwuGJx9rznKjvT+2n6/k/1D7LX9br9Db8W6c2peGbyJb67sisTv5lo4Vmwp+Ukg8Guc8CeFpI/Cvh6+/wCEj1xwLG3k+zNcIYT+7U7cbM7e2M12SW002l/ZtTljmlkiMc8kEZiVyRglVLMVHtuP1rl9P0Dxjpml2+j2evaSljaxLBDdNprvceWowuR5oTdgAbsY77e1KOjfnb8L/wCaB6pfP9C944OsDRoP7E+2BDcoL06eENyLfB3eUG43Z2++M45xXOaFPAPF2mwaZ4m16AHzGudJ1+GZWuRsODE0yAkqSCQrEYHTiun8QaFq2oz6XdaNrn9n3Ons7ES2/mxXO5Nu2RQy8d+DwelVYvD+v6prGn3nifUdPaDTZjcQW2n2rpvl2soZ3d2OAGPygDnqT0ojo/6/r/gg9V/X9fM6qiiigDyXWvGF/a67ewJ49ltFjndRbjwZdT+UAfu+YOHx/eHBrV8EeJbvVdckgn8XSauogZ/IbwxcWO0gj5vMfg4/u9TmvRaKForA9WeMyeN9REjD/hYsy4J4/wCEGuzj8a7D4f67c6zNei58SPrYjVCA2gTad5Wc95Pv59B0xXbUULQHqFFFRziZreQWzpHMVIjeRC6q2OCVBBIz2yPqKAOag/5K5e/9gSD/ANHy11NcWnhnxgniOXWh4k0T7TLapasn9hTbAiszA4+15zlj3ro9buL6z8M31xYQG81CK1doYolx5soU4ABPGT70m7Q9L/m2O15vzt+SRg+DtG8Y6ZrmuT+LPEEGqWN1Pu06CKPabdMng/KMcFRjJ6ZzXX1xvwt8GzeC/BMFpqMz3GqXJ+0X0ruXzK38IJ7L0/M967Kqat7vYlO+vcKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK5y88daPa309pCmoahJbNsuW07T5rlIG7qzIpG4d1GSPSgDo6Ky9C8SaR4mtZrnQr1LyGCXyZGRWG19oYqcgcgMM+h4PIIq5fXEtpYyz29nNeyIuVt4GQPJ7Auyr+ZFD03Baliis7w/rUPiLQLTVrWGaGK6TescwG9ecYO0kZ47E1o0bAFFFFABRRRQAUVm+ItWl0Pw/d6lbadcanLboGW0tVLSS8gYUAH1z+FaKncgYgjIzg9qAFooooAKKKKACiimTSpbwSTTNtjjUszY6ADJNJtJXYbj6KgsryDUbC3vbOTzbe5iWWJ8EblYZBweehqeqaadmG4UVmvrtoviaLQlEkl49s10+xQVhjDBQXOeNxJAHOdp9Kg8T+J7Xwrp8N5fQXE0cswhAgVSQxBIzkjjiqp05VZKMFdsqMXKXLHc2aKZJKIoGlcNtVSxCqWb8AMkn2FY8Xi3TJ1LQRalIqsUJTS7kgMDgjiPqDxTjSnNXimwjCUldI26Kq6dqVtqtsZ7NpCiu0bCSJo2VgcEFWAI/KrVRKLi7NaiaadmFFNkdYo2kc4VQWY+gFNt7iK7tYri3bfFMgdGxjKkZB59qLO1xeZJRRRSAKKKKACiiigAorGPirTRcTwBNQd7d9koj024YIcZ5IT0IP0Oa0bHULXU7UXFjMs0RJXK9iOoIPII9DzWkqVSCvKLS9CnCUVdosUUUVmSFFFFABRRRQAUUVR1HWLPSzGty7tLNnyoYY2kkkx1wqgnA7noKqMZSdoq7Gk27IvUVlWfiTTby+SxDzQXjglba4geKQgDJOGA49+latOcJQdpKwOLi7NBRRRUCCiisy91oWt/8AYrWxur+5EYkeO2CDy1JIBZnZRzg4Gc8VUYSm7Iai5bGnRUFlcvd2wlktZ7RiSDFPt3D/AL5JH61ny6//AKXPBYaXfah9nbZLJbiMIrYzty7rkjIzjNVGnKTaXT+txqLbsa9FMhkM0CSNG8RdQSkmNy+xxkZqrpt/JfrcmW0mtfJuHhUSjHmBTgOPY9qnldm+wrO1y7RRRUiCiqerX0mm6VPeQ2kt48S5EEIy784wBVsHKg4xkdKrlfLzDs7XFoooqRBRRRQAUVDaXcF9bie1fzIyzKGwRypKnr7g1NTaadmG2jCiiqGp61Z6S8C3n2jdcMViENrJNuYDOPkU84ycex9KcYym7RV2NJydkX6Kz7vXLKyv7ezuPtImuSBFttJXVic8bgpAOASQTwBk8VoUOMopNrcGmtwoooqRBRRRQAUUUUAFFFYtr4otbvxbeeHo4LhbqziEskjKvlkHbjBzn+IdvWrhTlNNxWyu/QpRck2uhtUVmvrtpH4mj0KVZI7qa1NzCzKNkqq21gpz95cqSMdGHXnGlUeZIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVBfXkWn2Mt1cbvLiXJCjJPoAO5J4pNpK7AnorNsNWe6vGtLuxnsbjy/NRJWRt6ZwSCpIyCRke4607Utcs9Kmhiuxcl5yRGIbSWXcQM4+RTzgE464FLmVr3J542uaFFZuoa/Y6WYReC7HnbdhjsppASTgDKqcE+h5rSByoI7+oxTTT2GpJuyYUUUUxhRRRQAUUUUAFFFU4L6SbVruza0mjS3VGW4YfJLuzkKfbHP1pXE3YuUUUUxhRRRQAUUUUAFFQm7gF8tmX/ftGZQmDyoIBOenUipqNwCiiigAooooAKKo6xqf9j6bLetaT3UcILSLAUyqgZLfMw447c+1XUcPGrjowBGaV03YV1ewtFFFMYUUUUAFFFFABRXHfET4iWPgPS4v3TX+s3reVp2mQ8yXEh4HA5C5IyfwHNQ/DXw94m0uxvdV8batLd6vq8izy2YfMFkAMCNB2OMAkccDrjJAO3ooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCpqs0tvo17Nb/wCujt5Hj4/iCkj9ayvAdtb2vw/0RbQDZJZRSswOS7uoZnJ7ksSSfU10BGRg9K5KLw54g0HfbeE9VsE0xmLRWeo2jy/ZMnJWNkdSUz0UjjoCBgAWl/O34X/O/wCAPW39f1/wS3rL2fgvw5rutabZr50ha8lTcQJpyqqCfTO1c49zVAeENZFj9s/4S7VDrezf5hdfspfGdvkY2+X2/vY/izzWpaeGd2g32na/fz6u2pBxdyS/IpDLt2xoDiNQOgHPcknmsweH/GH2H+yW8TWpsNvl/bRYn7aY+mN2/Zvxxv2++3NJrSyGP+FrSN8L9CaYKJDb5cL0B3HOK62uf8FeHLvwn4at9Fub+C+gsx5ds8dq0LLH6PmR9x9xt+ldBVys3dEq9tTiPiBr1zo1xZLbeJX0QSIxKr4fm1HzcEc5j+5j0PXNcjF421FpkH/CxJmywG3/AIQa7GfbPavZaKmOg3qIpyo78emKWiigDj/iPaXcfhTUtY0/WtS0+fT7GWWOO1lVY3ZVJBYFTn8xXWwMWt42Y5JQEn8K5vxZoHiDxFp9/pllrWm2WnXtu0DrLpck0yhlwxDi4Qd+Pl4960dGtNftWZdb1PTb2IIFjWz06S2ZT6ktPJnjtgUIH0/rscjpujatrXi7xLZ3vijVl0uxu0EFvBKIpNzwo5zKoDbBu4UY75J4rW8Pfbr/AE3XtEvNVvHfTr5rWG/VlW4MflxyLk4wWG/bnHIGetWvD/h/WNK8QavqGoatY3cOpyrM0MGnvC0bKiovzGZwRtTkY5JzkdKTQ9Gv/D93rd9rGr2NxBqFx9qIjs2t/JbYqYLNK4I2ovYc59cBbL5fjp/wR9b+f+ZzXgjQ9Y8UeDrDVvEXirVjcTRnyVsbgQLGoJAZsD53OMktkZ4AGKvC71W+8HeJNPvdWuE1HQpZIhqNptjecLEsqMRggHDgMAAMg4xnFY3w50W+bwTYf8Iv4v8Askc0Xmz2jwR3XkuxO4pkgpk84O4ZzgCu80zwxZaZ4fuNKV5rhbvzGuriZ8y3DyDDuxAAyfYAAAAAAUTTaaXb8RxaUlfv+Bh6619efCNdTi1W9sr230r7Z51q6q0kgh3fNkHIzzjitLWrOXWPAZDaheWkhs/NaW1cK7ny8kEkHg55rEufBfivUPCr+GbnxPZ22mi1NotxaaeftMqbdqhi0hUcY3bRk84K5rrrDT54/D8WnapcRXMgg8mSWCEwq4xjhSzEcf7RoqrnU+Xrt+P/AACafuuF+m/4f8E5PwJ4Wkj8K+Hr7/hI9ccCxt5PszXCGE/u1O3GzO3tjNd5XG6foHjHTNLt9Hs9e0lLG1iWCG6bTXe48tRhcjzQm7AA3Yx329q7BFKxqrMXYAAsRjcfXitJyUpNruTFWSRw/gBzqHirxvqk/M/9r/YVz/DFDEoUD2yzH/gVdH4j0CPxFp8NrLJ5YiuY587d2drZI/EZH41j6Rp11oPxK1hY7eV9M16Nb1ZUQlIblAI5FY9ty7GGepVq6+inOVPlnF6pL71p+ZopOM249/z/AOAFcZpl7rUEMiWOnxvbNrMqvOJSzhDcEP8Au9vGBnnPHWuxlEhicQsqSFTsZ13AHsSMjI9sisCw0fXtOhkig1fTmWSaSY79NkJ3OxY9J+mTXRQlCMZc1um9/PsaU3FRadvx8zQls4I9NvorGV7dnZ5JHhf5lkPzE85wenHvXPWNjqU/g+HWLnXb1r82YuEKMFiU7NwBTGG9yeTz07bFro+oW1nqWb+2e8vpvNMotGEafIqY2eZk8L/e6mlttHvrfwmNI+3W7TJALdLj7KwUIAF5TzOTjPO4c9u1aRqRgrKSeq6dLa9Nvz7FxlGPXqLeq+r+FVlM81q0lsJibdgDymdvIPHNUfDOiumiaTc/2tqTD7NE/ktKvl/dHy429PxrZ0+xkttFisLyZJ2ji8ppI4zGGUDA4LNg496zLXS9fs7KHT7fU7FbaBBHHMbRml2AYHG/bnHfGPalGouSUIySV/w18iVL3eVMb4m1aS1vbHTo5rm2W6WSSWe1tnnkVE2jCqqtgksPmI4Ge5FZ0eofYL22fSrnXLxJJkjntr2xuGUqxwXDvGNpXOeuCAeOldFqektfC3mguWt761JMNxsDdRhgy8ZU9xx0GCMVBHa+IJpo/tepWcMKMCwtLU75AO2XYhQfoT7iqp1KSppff5/+Sv8APTy3KjKHIl/X5Ffxf9st9KW+067miuIZYlSJXCxy7pFXD8E457etWLPSL+O4iu73WbmW4zmWJAqwEY+6ExkAeuc8de1GvaVqGrQC3tb62tYNyOwktGlYsrhhgiRQBwOMevNXLGLU42f+07u0uFIGwW9q0OPrmR8/pWftEqCSavr01tp1t69SeZKmkmr/ANeRcooorjMDF0X/AJDviD/r7j/9ER023UQeOL2OD5Unso5plHTeHZQ31KjH/AR6UyLR9btr+/uLXVrBftkokKvpztswoUAHzh2Uduv5Ve03SWsFuJnuWub65wZbmVOpAwoCjoo7AHuecnNds5QV2pXukuvZeXkdEnHWz3SX5f5GFbWmrzeItR0yPWLhbCERO8rlWnywJ2IduFHHJwT6Y61vJGukaRP9s1OZoowzfabgqWiXHrjBx7g/jWdBo+vW+o3V4mr6cZLoIHB02TA2ggY/f+9aWp6a2qaO1nNMElYIwlROA6kMDtJPGQOM9OM06s4ylFcytpey8ld7BOUXJK+mnT7+hyF9qX2CwfUbG68RyyxYdZbq3fyZRnoy7QFBHfAx1zXTa7c3PnWGnWUxtpL+Vka4ABaNFQs23PG44wM9M57VS1PQ9d1vTpbK/wBXtbaJ1wfslq2XP+0Wc/L7DBPrWle6W1/psS390I7u3bzUu7ZPL8txn5grFuMEggkggmtJzpPld1fXz6adFs+hUpQun11/4HQw9d06/wBKt7Q6drd8Iri8hguFml8xtrOBuRiMqe2OmCeK62JPKhSMu0m1QN7nLN7n3ritVga7vNLjudcXU7pb6F4La3RUVQrgvIwUknCg8k4GemSK7essRf2cE3d69LfomyKvwxuFYmmKsvizWppOZovJgjJ6rHsDYH1Zm/L2rbrL1DSp5L5dQ0q6W0vAnlv5ke+OZByFdQQeCTgg5GT16VhSklzRbtdW/FP9CINap9S5LY2097b3csQae23CJ88ruGD+dYkENz4iubuea/urWzguHt4ILSTyyxQ7Wd2HJJYHAyBgd81etLDU3vku9W1BH8oER21ojRx5IxlssS59OgHpnmopNJ1Gzvri40K7t447p/MltrqIugfoXUqwIzjkcgnnjmtoNR05tbaPotdv+CXFpaX1I7G7udM1C902+uHvI7e2F1BM4HmFCWBRsYBIK8HHIPPTJwrPUo9Uso77UtS1+K4nUSLHZWNwsUIPIVcREPj1Oc/Suo0zSXtZri71C4F3e3QCyyBNiKgzhFXJwoyTySSScmqkGk6vpUf2XRr60Nkv+qjvIGdoB/dDKw3KOwPIHeto1KV5d9NdvXo/yV/wLUoXfy/4PTuT+HL+61DTJPtqzeZDK0Qmlt2gMyjBD7GAIyDzxjIOKxrTQXfxZqkf9s6ou23tzvWZdzZMnB+XoMcfWulsbe8t7Vlvb37XcMxbzPKCKvoAo5x9ST71kxaPr0Op3N8ur6cZbhI0cHTZNoCbsY/f/wC0aiFSKlU5ZJX237ry/RExkk5Wdr/5+hsm1J0/7L9pnB2bPPDDzPrnGM/hXL+HdCdxqDf2xqa7NQmXCzLhsN1Py9TXUyJdmx2xTQrdbQPNaEsm7udm4HHtu/GsfTtH1zT2m26rp7pPcNPIDpzg5Y5IB87j26/jUUqnLCS5kr+X/AFGVoNX6/10Nm7tzdWrwiea3LY/eQsA689iQay/DTz+XqMFxdTXX2e+eJJJiC20KpwSAPU1pXqXskIGnXFvBLu5aeBpVI9MB15981kado+t2FxO/wDathIlzcGeVf7PcHJABCnzuOB3B/Gop8vspRlJL7/8iY25GmyXU5bm91uDSLW5e0jMDXFxNFjzCu4KqKTnGTkk9eOOuaYmi6hZapZS2OrXUlmsjG6t7qTzNy7GAKsRuHzEcZx+XNrU9LmurqC+0+5FrfW6siu8e9JEbBKOuQSMgHIIIIqO3stZmu4pdT1GFIom3CCyhKCQ/wC2zEkj2GPqauM0oLlaWmqa6/d93YrmXLo1sQeLYJ00O81C11C7tZbW2d0WBwFYgEgkEHNbkZJjUnqQKyNc0vVNWtbqzt9Qs7e0uYjEyvZNJIARgkMJVH/jtW9Ph1SFiNRvLS4TaAggtGiIPuTI2fyFRLldFLmV1fv5eX6kys4LXX/hjlYtXi1iSe51C91qCMTPHBBp9ncBEVWK5LpGd7HGeuB0xwa2PD17c3q31nPJeSRw4EF5cWr28jqwPBDKuWUjqBg5HvUv9k6lp9xM2hXlulvPIZWtrqFnVHY5YoysCATyQc8k4xVuztdUihna81GKe4kH7sLbbYoTjsu7ceeuW5xxiuirUpSg+X5eX/kv366+ZrOUGvd+Xl+H9eZg6Dpd9qumPPqGu6gSs80UHkyCPYqSMoLYHztx346ceutpEs+teFoGubiSKeRSrzQYVsqxBYcEDOP1pdG0u/0rS5rWW+t55GeSSKRbVkCM7FjuXzDuGW7EcfnUugabcaRpS2d1dRXRRmKvHAYuCc4ILNk5J5zUVqsZczTW+mnTXy9Cak07tPrp6f1YwfC2hPJocUg1nU0/fzfIkyheJnHTb3xXYVgQaVrWnI9rpd9YraNK8kZuLZnkj3sWI4cBsEnHT8a27eOSK2jSeYzyqoDSFQu4+uBwKjEz9pNz5k7v+uhNaXNJu5JWB4pe4jm0VrOFJ5hqA2xvJsDfuZP4sHH5Vv1kazpd/qF1ZS2V9bWy2kvnBZrVpSzbWXqJF4wx49e9Z0JRjUvLbXv28iabSlr5/kZl3c6rN4i0Eajp0FrGLqQq0d2ZST5EnGNi/nSazq/m+IpNMludQtbW3hSSQ2FrLJJKzk4BZEbYoC+xJPXitPVNK1G+1Kwuba/tYEs38wRyWjSFmKsp5Ei8Ybpjr3PSn6hpVw+oLqOlXS2t4I/KkEse+OZASQGUEHIJOCDxk9a6o1KV4t22e19HfzT6epspQuvT7nfzuZWk6g8GuQWlnNqt5ZXCsH+32Uym3YDIIkdBlTgjBJOcYqXxEupwazpj6RfOkl3OYGhmOYVXynO7aBkkYzjPJHatGzttZN2k2pahb+UgP+j2luVDnH8TMST9Bj8ag1TSdWvtTtrm31KygjtJTLDG9i7nJQodzCUZ+8TwB2pKpT9re62fnd6+Xp0+YlKPPfTb+uhYsNLn06Vp5tWvLzKHzEnKlS3XcoAG3uMDjmuXstWi1m0TUNRv9ehknG+KGxsrhY4VP3QCsZDnHUkkE9OK7KyjvUhI1K4t7iTdw0EDRKB6YLtz75rLi0nVdLDQaJe2osyxaOC7gZjDk5IVlYZXPQEceuKVOpC8uZ66We36Py6BCUdb7/15Enhq/ub2znS889zbzGOO4ntngadMAhtjKMHnBwMZBxUWo6fr83iuwu7DVIoNJiXFzasmWkPPTjvx3GMVp6fb3lvC/wDaN6LuZ23ZWIRog/uqOTj6kn3rN1DRdUuvFdjqVrrcttY264msVX5ZTz15xzkDkcY4qIyj7WTTSVnurrb03+SsSmuaTVlozdrItdAjtvFl9rYky95BHCY9v3ducnPfPH5Vr0VzRnKCai99GZKTSaXU4T4mubGXwpq0Hy3Nrr1vCpHVo5sxOv0IbP4Cu7rj/Emm3PiHxxoFibeQaZpUh1W5nZCEeVQUhjB6E5LOR22r6iuwqF8Pzf6L80yX8Xy/zf6o5Dxdo3jHUvEWhXPhbxBBpmnWs27UbeSPcbhMjgfKc8ZGMjrnNdfXnsHhXUta+Nl34l1hZodL0e3jtdLhL/LPIV3PLgHoNxUZ7/SvQqF8K/r+v0B/EFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVT1aOObSp4praa6R12mKAgO2fQkjB75yMVcopNXVgeqOGt7u7ttXcXN6befCwm4vkNy0Kk5CMYlSKMnIPLMTxnPFb+sgjVtABOT9sbJ9f3MlR3egXc5vbaG8hSwv5N86NCWlXIAYK27HOOpBx78Y0NV0z+0rWNY5mt7iCQSwTBd3luOM47ggkEdwTWMYyUdfL87v+tLnNGEkpL+v62Kfib/j20//ALCNv/6GKZ4kN95loITeixJb7UbAAzdBt99vXO3np705NK1K8vrebW7y3kitX8yOC1hZFZ8YDMWYk4zwB39al1HTtSk1SK/0zUUgMcJia3nhLxyZOcnDAg8dabTs9N3f8F/kVJSld26Jfj/wTP0KRG1xktdXvZYFgJex1BHWVW3DDjeoYrjI7jmqU2rpqeq3q3t3q1tbWs5gih0+0nIYr1ZpEQ5OegB4A5rbtNMv5NVj1HWLqCSSGNo4YraIoq7sbiSSSx4HoBSTaTfWt/Pd6Hdww/aW3z29zEXjZ8Y3qQQVOAM9QcdKXLKy+f8AW/8AX5Tyz5dO/wCFvXuVvDuoTyahc2Je+urRIxJDc3lpJC45wYyWVd2OCD1weelQalFqyeLYLbTNTkjjvLeV5fOw6wBWQZjXHXnHJxznnpW1p9tqccry6pfxTlhhYYIPLjT35JYn8ce1ULjSNal1pNQi1SwQxRvFGjae7YRip5PnDJ+Uc8d+Kbi7R3/q/mNxlyW13X5+poabpsmnmQNqF3eI+MC5YMVPcggDr6dPSr1Q2q3KW6i9limm53PDEY1P0UsxH51NWq0RtFJLQa6742Xcy7gRuXqPcVh6Qk9n4lv7GS/uruFLaGVPtLhipZnBxgD+6K2rhZ2t3FpJHFMR8jyxl1B91BBP5isOPR9ej1Sa/XV9O82aJImB02TaApYjH7/r8xqJX5k0v61IqXurIk8XNdxaH52nXb2twk8QRl5U7nVcMO456cVWvLO60MWl6mq3tzI1zFFOk7gxyh2CnC4wuM5G3HTvWhrel3uq6bHawXtvbsHR5He2aQMVYMMAOMcj1PH50msaXf6np9tBFe28EscscskjWrOrsjBhhfMG0ZHqePzqXF8zaXVf8EicW22l009dSh4ij1H+3tKj03U5rUXkjxSr8rKqhCxKgj73HBOR7Ut/a3Hh2GPULXUry4iSVFuILuXzRIrMFJBPKsM5GOO2Ki8URwXWraHb3N99llSWRxNHIEaNhGcMAc8Z7HIPTmr0eiXV3NBJq+qm+ghYSxwxwrEjMOVZsE7sdR0Ge1Sl7zt3/wAv+Dp/SlpuUrLX120AmeDxtFGLud4LizkkMDsCisrIAVGOOppsAntvGjwG9uJoJrRpvKlYFUbeB8uBwMGrGqabdzX9tqGlzwxXUCPEVnjLo6NgkcEEHKg5qtZ6JqcXiBdWvdVjndoTDJAtqVRVzkbPnyOepO7PtVRTUoq2zf43/wCAXJSu0l1T/K/6lG80d5/HUeNV1CLzLKV/3cqjZ+8T5R8vTmujsLM2NuYmuri6+bO+4YM30yAOKp6lpt3LqMGo6XcQxXMUTQlZ4y6OjEHsQQQVHP6VPp8Gpo7yapeQTbgAsVvAY1T8SxJP5fSnTjy6W7/m2NRtUbtv/kjn71rgardnWptbhiEn+jNpyO0QjwME+WCd2c53D9K2fDjvJoyvJqQ1PMj7bjABK7jgEADBA4PA5FVoNM1/TxLHZ6paXEUkryL9rt3LR7mJ2gq/IGe9X9I006ZayLLP9onnlaaaXZsDO3XC9hwBjn60qaaevb+v+HJjGXPe39ff92hfrL169uLW0gisWWO5vJ1t45GXIjzklsd8AHA9cVqVT1TTk1SxMDyPC6sskUqfejdTlWH0P51pK7WhtK7i7bnN+J9Fu7LwpqU9nq15NILZ/OS7kEiSrtO7jA2nHI24HtXQ3du1zooRLme2YRhhJAwVuB0yQaydT0HWtb0ubTtS1a2it5EKl7W2ZXk443Zc4GeSB16ZFab2mqnSUt476zW5A2vK1mxRl6cJ5oIPTncfpWLi7Sst0rfiZRjad7O1v66mLoVjrGsaFZX2pa1cQSvAjRJaFQBwPmckfOx6kdB0x3rR8QXVvEtvbzX9/DLJkrBp6bpZgOvRSQB6jH1p2jaZq2l29raTajZT2lvGI9qWLpIwAwPm80jP/Aaff6Ze/wBqjUtJuII5zCIJI7mIurKCSCCCCCCT65q5J20RMIyVPbXT+tzM0G/dfETafG+ptbvambZqUbB0YMB8rMMkEN6nGPerJjuNd1m+he9uLSzsXWER2r+W0jlAxZmHOMMAAMd85pbfQ9WTXotWudXhmk8owyQfZCIwhYHCfPlTx1bd9Kl1LTvJvm1Cy1RdMmmASXzFV45sdCVJHzAdwRx1zUpPlXMu/wCen9f5Aoys01pf8Levco6bb6hF4zns7rVrm4tba1jlgQlQW3M4IkwPmIxweO1eV+PvHn/CCftBXF95E99LL4dS3s7KMnEtw83yg+nAJJ64Feo+HLdP+Es1O5hvn1HNvFHPdEjaZAzHYuOAACOB0zzzVTxN8IPBXjDXn1nxDpLXd5JGsbMLqWMELwOFYc44q6XwL5/my6Oz9TF+GngiQatN4y8a31vqvi68XJVJFePToz0ijAJAODgke4Hct6hXK+Efhp4T8C3dxc+F9LNlNcoI5WNxLJuUHIGHY459K6qtDYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqhq2pHTYYfJgNzcXEohgi37QzEE8t2AAJzz06Um0ldibSV2X6Ko2M+qyTMupWNrboFyrwXbS5PpgxriotS1S4tr6Cx060W6u50aTEk3lIiKQCS21j1YDABpcySuLmVrmnRVWwlv5Y3/tK0htnDYUQ3BlDD1yVXH5U1pr4a2kK2ymwMBZrjcMiTcMLjPpk5xTvsHMrXLlFFFMoKKKp6ZNfT20janbLbSiZ1RFYNlA3yt1PUc0r62FfUuUUUUxhRRRQAVFc2tve2z295BHcQSDDxSoGVh7g8GoxfxHVTp+G84QicnHy7SxX88irNLRoE9dClYaLpWlM7aXplnZNIAHNtbrGWHvtAzV2iimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABSOiyIySKGVhhlYZBHpS0UAV7XTrKyZjZWdvbluGMUSpn8hViiim227sbbe4UUUUhBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBVudL0+8l827sbaeTGN8sKscfUirKIsaKkahVUYCqMAD0paKVkthWV7hRRRTGFFFFABRRRQAUUUUAFFFFABRRRQAVDc2VreoEvLaG4VTkLLGGAP41NRSaT3AZDDFbwrFbxJFGv3URQoH4Cn0UUw2CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACsjxFPMsFnaW8zW5vbpYHmQ4ZFIJOD2JC4B7ZrXqtqGnwanZNbXQbYxDBkbayMDkMpHQg85qZJtEyTcWkY174M0+SzddMaXT7oji5imfcfXdz8wPvUmqxtqfiC20iaWSOz+ztcSpG5QzkMFCkjnaM5IHXjtT28P3Vwvk3+vX1xbdDEFjiLj0Z0UMfwIq3qOjw6gsDLLLa3FscwXEBAePIwRyCCD3BBFZ8vlp2/r+mZcmj5Y22/MyrvTrfw5d2Nzo4a3Sa6S3mtlcmOVXOM7ScBh1yOwOaqanLJqXii8s7vTL/UbOzSPZb20saIWYElnDSKW9AORwe9bVrobLfR3mp6hPqM0OfJEioiREjBIVQPmxxk59sVJqGjLd3aXlrdTWN4i7PPg2ncvXaysCGH4ZHYik4Nr57fL7t9ROm2nZWXb+tP8AhvMydGgu7PXESx0i/sNNkjbzormaJo43H3WQLIxGeQQOOhpPE+i2N3rGjzTxOzzXoRyJnXKiKQ9AcDoOla9lpU8F2Lm91W8vZFBCo+2ONc/7CAZP+9motS0GTUr2K4OsX9v5EnmQxwrBtjbaVyN0ZJ4J6k9abh7qVr6/qL2f7txtv6f8MXNP0u00uN0so2RXOWDSM/P/AAImudvPDumT+OIRLDIfNs5pXxcSDLeYnPDcdTwOK6SytZrSJknv7i9YnIedYwR7fIqj9KzZfDs0up/bxr2pJMqNGm1LfCIxBKgGI9wOuTx1pyim46bf5FzinCyj27dzUs7OCwtVt7VWWJc4DOWPPuSTWHHp9vpvja1FmJEE9pO8imV2DEPHg4JPqfzrcht5IrMQvdzTSYI+0OED/XCqF4+lZLeGp3vo7xvEOqGeJGjR9ltwrEEjHk4/hH5U5LVNLYJxvFJLt201LHiO6ntNHP2WTyZZpooBLjPl73ClvqAfzqndeDNNkspUtDPbXjIQt6k7+aGx1LZy30Na0mnR3WlNYahJJeI67XeXaGf3+UAA+4ArO/sC8ePyJvEOoPa4xsAjVyPQyBd34jB96mULt3V7/wBf1YJK7u1c0ZNOiudLSyvd0yBFViHZSxHfIOf1rO8KRiHT7yFCxjivp0QM5YhQ3Ayeavz6ezWcNtZXtxYLEAFaARsSAMYPmK3+NUrDw9Lp0haHXNRdHmM0kbrb7XYnJziIEA+xHtV6+05rdP1QOLTjZbf5MzddnmvPEw02Wxvr2yhtVnaC0lRPMZmI+cs6EqNvQZGTz2o062ubLWrU6VoeoadZyErdRzzQmHbg4ZVWViGBwOByCc9q3NS0iPUJYrhJ5rS7hBEVzARuAPVSCCGU4HBFRWukXKXcdxf6xeXZjOUi+SKPPqQgBb8SR7VnGDUrvv5f8P5ESptzb/yMqfRbfUPHN1HcyTm2NnHLJbCZhHK5dxlhnsB06etXNGgTTvEGo6ba7ltEihmjiLFhGzFwwXPQfKOOnWrceimPXn1X+0btnkQRmAiLy9gyQvCbuCSfvZp0Gj+Rrlxqf2+6kadAjQOI/LCjO0DCBuMnv35zThG1tO/6/wDAHye9zW6mHJ4c0y48cziWGQh7ISti4kGWMhyeG/TpXS2Vjb6dbC3tEZIwSQGdm6+5JNVdQ0hrq9jvbO9msbpIzEZI1Vg6ZzhlYEdeQeDUun2Etn5j3OoXN9JJjLTbQFx2VVAA/n706ceVWt3/ADuVGCjNu2/X5Iu0UUVqbBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFVdSlvYdOlk0u3t7i6UZjiuZ2hRvXLqjkcZ/hNVfDOsHxD4W03V2gFu19bJOYQ+8JuGcbsDP1wKANSiiigAooooAKKKKACiiigAorL1261a0hszodgl68l5FHcK8gXyoCfnkGSMlRzjv6VqUAFFFFABRRRQAUUVQ1rWLfQtKk1C8WRoY3RCIwC2XcIOpHdhQBfooooAKKxtH8QrrWs6va2lufsumTLbG638SzbcugGOi5UE56kjtVfxD4nl0PW9FsI7D7SNUnMXmebt8rBXnGDnhs9ulaUqU6slGC1ev4X/ACKjCU3yr+rbnQ0VXvrl7OzknjtpbooM+VCVDEd/vMB+tZVt4juruziurfw5qbwzIJEbzLYZUjIODNnpTjSlNcy29UvzGoNq6N2iq2m30eqaXbX0CukdzEsqK4G4BhnBxnmrNZyTi7MlqzswoqtqN/Fpemz3twGMUCb2CDJI9qs0WdrhZ2uFFFFIQUUUUAFFFNkYpGzKjSFQSEXGW9hnA/OgB1FYNr4mubxZGtvDmpuIpWif95bDDKcEczetXdL1b+0xdr9jntJ7WXypIrgpncUVhyjMMYYd62lRnFNvp5ot05Lc0aKyNO1S/m1mbTtTsra3kjgWdWt7lpQwZmXByi4Py+9a9ROEoO0hSi4uzCiig9DjrUEhRVPSZr640qCXVrZbW8YHzYVYMEOT3BPbFXKqUeVtDas7BRWYdTuY/E0emy20QgmgeaKdZiWOwoCGTaAPv9mPStOiUHG1+oOLW4UUVgW/iae684weHdUdYJWikIe34Zeox5uT+FVCnKabXTzS/McYuSujfoqrp2o2+qWn2i1ZsBijo6lWjYdVZTyCKtVEouLsxNNOzCiiikIKKKKACimyFhGxjG5wDtHqar6ZLdz6Xby6lbrbXbxgzQq24I3cZ5zVW0uO2ly1RVaa/ig1G2snDebcq7IQOAExnP8A30Ks0mmkm+oWaCiiikIKKKKACism51S+HiAabY2dvKqwJPLLNctGQrMVwoCNk/LnkitarlCUUr9SnFx3CiioL69t9NsZby8kEcEK7nY/55PbHepSbdkJJt2RPRWRomutqby297ZyafexgSG2lYFjG33XBHX0I7EEfW1qNxfxeVHplklxJITl5pfLjiA7kgEk+gA/EVo6Uoz5Hv8A112K5GpcrLtFZOn6neNqbabq1tFDc+V50TwSF45UBweoBBBI49xzWtUzg4OzFKLi7MKKytE1CfVJL66JX7EJzDaADlgnDPnvlsgeyg961aJwcJcrCUXF2YUUVk/2pfReIodPurO3WC4WR4Zo7lmbCbfvKUAGd3YmiMJTvboCi3sa1FFFQSFFFc94c8Ty69q2s2clh9mGmXHkCTzd/mnLDOMDH3Qe/WtI0pzjKa2jv+RShJxclsjoaKxrXxCs3i6+8P3Nube4t4I7q3cvkXMLcFhxwVcFSOeqnvWzWfS5PkFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVV1O+Gm6bNdtGZPLXIQHG4k4Az25I5pNpK7E3ZXZaorLsdRvTqRsNVtoIZmh86NreUyKVBAIOVBBBI+uaNV1ptMurWBdNu7xrpikZgaIDcATg73XsCfSlzK1yedWbNSisnVdcfSvs5bSry4WdkQNC0OFdjgKdzjnPcce9awOVBIx7HtTTTvYakm7BRRRTKCiiigAooooAKKKpwTXz6tdxT2ypZxqhgmDAmQnO4EZ4xx+dK4m7FyiiimMKKKKACiiigAoqs1/Euqpp5Dec8LTA4+XaGAP45YVZpJ3V0K6vYKKKKYwooooAKKxTq+pXV3cx6RptvPDayGJ5bm7MW5wBkKAjZAzjJxWjJJe/2eHht4TdlQfJkmKoD3G8KT+O2pUk1dEqSbsizRWboupXGoxXQvLeO3mtrhoHWKUyKSADkEqp7+laVNO6TXUcZKSugooqtqUt3DplxJp0C3F0kZMMTNtDt2Ge1DdlcZZopkLO0KNKuyQqCyg9DjkU+mJO6uFFZml6nc3l9f2l5bRQSWbqAYpjIHDLkHlVwfatOkmmroFJSV0FFFQ3j3EVpI9lFFLMoyqSyGNT9WCsR+VDaSuxk1FU9Ivzqmi2l+Y/KNzCshjDbtuRnGcDNXKYotSV0FFFFAwooooAKKp6rNfW+mySaVbLdXQK7YmYKCNwB5JHQZP4VcpCvrYKKrJfxSapNYAN5sMSSsSPlwxYD8flNWaE7hdMKKKKYwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNZvCgufinf6fZ6le2Glz6bFdX1vBcSb7l2mlGA5bManHOzBOAMgZz6VXJf8INdjWpdVTxpr6XcsKwM4isceWrFguDbY4LHnr70vtJ/1sH2WvT8zX0nw/YeHbK5g0pZooJSX8l53kVDjHyhidoOMkDvzXA+DvAWj3nwt03UNQN1c6i+nLLFeNcuslt8mVEW0gIF4xgc9Tkk16NJp9xJov2H+1rxZzGEN+Eh84n+9jy/Lyf9zHtWZpnhI6T4PHh6113UzEiCKG6dbczQxgAbF/dbCMDGWUnk89MKSbUrb9PxHGyauYl1rup3Pwv8Ozpdtb32tCyt5r1AA0Pnbd7r2DdQPQkVJq3gHRtI0S61HQnn0vVbSFp49S+1SM7Moz+9LMfMU45DZ4J6da17LwbZQeDF8M311d6nYpGsSNdFFkRFxsAaJUwVwCGxuyM5qk/ge6vYhZa54p1XU9KBG6ylSFPOUfwyyIgZ19RkZ755q56uXLpd6Pt/wwo6JX6dDoND1B9V8PadqMsXkvd2sc7R/wBwsoYj8M1epFUKoVQAoGAAOlLRJpttCimkkzzvxyt+fEA+yr48Mfkr/wAi+9oLfOT/AM9Tu3evbpWVoaaoNesfNT4nBPPXd9vksTb4z/y02ndt9cc4r1milHQb1CiiigDh/iBolkgstcjWZNQXU7CMSpcyKNpuI1I2BtvIJHTvXazRJPBJDKCUkUqwBIyCMHkciua1zwXca9IwufFetQ2/2hLiO2gjswkTI4dMFrcsQGUHljnvmtSx0i9tLG5guPEOpX0kwwlxcR2weDjGUCQqp9fmVv6Ul8LT/rYf2rnC+CPAej6t4cluNaN3qLi9u4rb7RdyH7JGlxIqrFhvlPGd33vfgAJqZk1f9ny6vNSuJ5buysbiSK585kfzIt6q5KkZOACc9TXYaB4Wbw9o1zp1vrmpXKzPJIk1wtvvgd2ZmZNsSqfmYn5gw9scVzPinTbLwV8HNa0qbVru8jntp4rY3ixly7qx8seXGoOTk8gnnrjApS+Fr+rjj8Sfn+Besfh3oV3o0F1dT3d3qc0KyHWRdyLcFyM70YHCj0UfLjjGKx9WuJdf+CkGr6jLJJf2pBiuoZGi8xlm8vzcKQCGUbsdPmrQ0Pwr4c13SNuh65qp0bPlyadbXrpbg4BKDjeq8/dVguDjGK67UNB0/UfDkuhyQ+VYSQeQI4Pk8tQMDbjpjAx6YrSWjZnDZXOd+JWnwSaBBqR81buzvLYQyRzOm0NcRhsgEA5HHINQ/FjRLDVPBz3F7E7yW80AjKzOgAaeMHhSAePXpT9Q+HU+uWiW/iHxbrV6sLpJb+WIIBG6MGVyFjxI2R/GCv8As55rpdT0SDWfD8uk6lLNNHLGEeYELIWGCHBUABsgHgAZ7dqnZfMrqVNJ8G6Hod8LzTLaaKfaV3PdzSDB68MxH6VtSErGxXkgEiudtfDGrLdQvqXi/VbyGFw6wLFBAJMHjeyRhmHqAQD3FdJQ9VYFucN8Gj5nwq0u5c7p7pp7i4Y9WleZy2ffPH4V1OoaNbalf6fd3G/zNPlMsW0jBJUrg+3OfwrH8H6JeeG7rWNLMQ/sk3bXenyhh8qyktJFjqNr7iOMYcehrqKtTcXzR0/S62/Qabi3bz/r5kV3/wAeU/8A1zb+Vct4Yh177HoDzTWz6aLIb0hjKMMxrs3ZY7vwArp722a8s5IEuZrUuMebCELAd8blYfpWVa+HbmztIba28R6okMKCONdlscKBgDJhzXRRnFU5RbV33T7Py8zWEkoWuip4mS0ufA8j6ZJ5UcJT7O9uSgjIcLwBjpyMdKZquiWmiWMOoWHnLfRXEAa5aZmeYNIqsHyfmBDHjt2xir8vhiKTw7Ho66heRQKxLSJ5e+T5i3OUI6nPAHSrGpaKdT0uKym1G7TYyO00Yi3yFSCM5Qr1APAHT04rWNaMbRUtOZ33203/AMi1USsr6Xf3Gf460+2vPCd7JcIzNBCzRkSMuDx2B5/GtCy8O6Zp9ytxaQyJKoIBM8jDn2LEVaurCK+0uSwvGeaOWIxyMSAzAjGeMAHvxVCLRb4SJ9p8QX00MZBEYSKMvjszKuT+GM1lGq3S9nz2s331vb+tSFNuHLzW3MnWJpdQ8UzWFzp1/f2VrbxyC3tZY0V2ct8z7pELAbcAcjrntUmk291Za5ANN0bUNP0+VWW5iuJomiQ4yroFkYg5GCAMHOe1bOo6Ol9cR3cFzNZXsSlFuIMZKnnawYEMM9iOO2KZZ6RcRXaXN9q95eugOyM7Y4xkYztQDd/wImtfbx9lyq21ra79+3nct1FyWXbbX/hjK8Tac8muaRLYXMlndXNy0Uk6sW+TyXJAUnbnjg44PPNa+naBZaXcGe0Nx5jJtkaS4d/N5zubcTlvf3NQ6hoEmoahFdHWdQgMD+ZDHEsG2NipU43RkngnqT1q/ZWstrCUnvri9YtkSTrGGA9PkVRj8M1nOq/ZRip9NVr39On/AAxMptwSTLNFFNkUvGyq7RlgQHXGV9xkEfnXGYHG2MWvSLdnTJrYWw1ly6CMiXYJxv8AmLYxjPGOnFdikMUTyPHGqNK26RlXBc4AyfU4AH4Vk6b4fk0yYtHrWoSxvK00kUqwbXZjk5IiBHPoRWrPG0sDxxzPAzDAljClk9xuBH5g114iopysmrf1ubVZKUtNjJj/AOR7uf8AsGxf+jHqPxdbo2lw3PziaC6g8tlkZcbpkB4B5445pR4anF+16PEWqfaGjERfZbcqCSBjycdSa0b3TY9Q0lrC7llcMoBmBCvuBBD8DAOQD0xntVc8YVYTUr2tff5j5kpqSfb8jL8VWsRjsb0b1uIr22RWWRh8rTKCMA4OQe9a1/p1tqduIb1GeMNuAWRk5+qkGse58KSaisf9qa5qE7wyLLAyCKMRupBDbQmGPH8QI9AK1ryxuLpYxBql3ZlB8zQLETJ9d6N+mOtTKSUYxjPVX1102+YNqySlt6lHwhn/AIRi3BZm2vKoLMWOBKwHJ9hVeS0j1/xFf2+pF3tLARpHa7yqOzLuLsB97rgA8DBq1pXh+TSRGkOs6hLbxszeRKsG1ixJOSIg3Uk8Gpb/AEb7VerfWd5NYXgTy2lhCsJFzkKysCDjJweoyeap1IqtKSlvez101/rYfMlOTT3/AMzHt9Mj0r4gWUVpM/2Z9PuGS2dywiO+LJXPIB446DHHWurrBh8KrHq8Oqvqt9JfopSSY+XiVCQdhXZhV+X+HB5POea3qzxE1Pls72Vn97/r8yKslJqzuFYvhvpqv/YSm/mK2qwYPDM1sJhB4h1VBPK0sgC2/LN1OfKyPwqafLySi3a9u4o2cWm7FC/v5dLuPFd7p6hjBbxPgDIE2xsk+4XyyfbFVU0uFoA0vhvXZbwjJvjdwCYt/eDCfj6Dj2xXV2ek2djp7WcMW6KTcZfNO9pS33ixP3ie+az08PXVtGLew16+trReEi2RSGMf3VdlJx9c11xxEVdRdttXfVJJdPTbzN1VXTT7+yXQz9XW+uPhpcvq6SwX8Nu7Z3hWDLna52EjJGDgEjmk1bQ7XR9EbU7RpzqNuUk+2PMxkkO4ZDc4IIJG3pzwBWxe6Cl7oJ0o397HE4KySiRXkkBzkFnVuue2MdsCl1DRTqWijTrjUbsDjfOgiEkgHOD8m0dugHSlHEJNWlZczbWu2n4eRMaiVlfS7+7QXxDbXV5o7wWMmyZ3T5fNMRlUMCyBxypKgjIrnY7Kxs9SsHfSb/QXFwv71JQ8M5PARyjnqSMFgOcetdFqOiJqdnawz3t0ktrIsqXETKshcKRk/Lt7njGPbHFQLoM81xC+q6vc30UEgkSBo440LA5UttUFsHnGcZ7VNGrGFPl5u/e/+T+YoTUYWv37/wDDfeX9R0y11SBYr1GdFO4BZGTn6qRVHwizN4R00uzM3kDLMSSfxNXb+xuLxkMGqXdiFBBFusR3/Xejfpiqmk6DJpCQRRaxfz20K7Vt5lg2ke5WMN+tYpp0XFy63tr5+XUi69nZsy9a0LT7vxnpj3ETs08c5kxM652hMdDx+FdBp+l2mlxvHYxsiudzBpGfn/gRNRanpQ1BoJormW0urZiYp4gpIyMEEMCCD6ewosNNuLa4M95qt1euV2hZAiRqPZVUc+5zVTqudKMXPZWtr3fyHKblBLm26GXa2cOj+NJi3meXqkZeF3lYhJF5dME45GGH0al8OWcVxqWoa7H5gjupCluplYqY1OC+CcfM2SPYLVDxhrGk31mmlre7LlrtEMqZBtsH52zjj5Qy+5bFddbwxW1tFBboEijQIijoFAwBWtWU40lKV05K3yX+en3PuXUclC73f6f1/VySiiivPOYxY/8Ake7n/sGxf+jHqr4s0+K+vNFWSSePzL3ynMMzIWQxuxU4PQ7R71Pcfa7TxgbqPTbm6t5rSOHzYWjxGwkYncGYHGGHQGreqaP/AGpcWcpv7q1NpJ5qLAI8M2CMncjdiRxjr9K7lPkqRne2n6eR0c3LPmv0/Sxy0mg2QfxGo88RaegazhE7BLdjCHLIM8Hdz7duprqYLWHVdM02a/TznjEdwuSceZt6kdDjORnocHtSNocTXeozG6uNmox7Jofk2g7Qu5fl3A4HqR7Vb0+0+wafDa+fLcCFdokmC7iB0ztAHA46Uq1fnirS1Vvy1/HfuFSpzJWev/AQTWFtcXtvdyx5uLbd5UgJBAYYI46g+h4yAe1TSKzxOqOY2ZSA6gEqfXninVQ1DTJLyaOe21C7sZ41KhoWBVh6MjAqfrjPvXLF8zSkzFavVmRp1tdaX4uKapdtqUl9bt9nunUI0SoRuj2r8uDuByAM456Cr3iW8mg01bSxbbe6hILa3I6oW+8//AVDN+FS2GjC1vGvbu7mv7xk8sTTBQETOdqqoAAJAz3OBzxR/ZssviY6lcujRQW/lWsYzlSxzIx9zhQPYH1rqlUhKopvWy+Ta207bdupq5Jz5n0/MuWVnDp9hBZ2q7IYI1jRfQAYFcxqGlSTaxd3OoaRJrlvI48hoblQYFCgFNjsoB3AnIOTn2rrqwk8OT2ktw+l61eWq3EzzSRskcihmOSV3LkfniooVeWTk5Wb73/Naipy5bu/5/oP8LC3TTZo7Wa7cJcPuivCxlgJwfLOSTwCMHJyCKNQ/wCRy0b/AK4XP/tOrumaZHpdvIiSyzyTSGWaeYgvK5AGTgAdABgAAAVnSfa7zxhZyf2dcw29nHOjXEjR7HLbcbQGLfwnqBVKSlVlNPSz39GNNOcpepvVhWfhye18YXettq91LDcR7FsmP7uPpyOfbjgdTW7WFaeFLez8YXfiBLy6ea6j2NAz/u16dB17cemTWdGfKp+9a67Xv5eXqRCVlLW36m7WfpujW2l3eoXFtv338/ny7iMBtoGB7cZ/E1oUVipSSaT3Iu0rHCeLibf4r+BJ4DiaZ722kA/iiMO859gyKa7uuXTRLy/+Jb65qMQjs9MtPsumgsCZHkw00uB04CoM88N2IrqKlfCv6/rv8xPf+v68vkcPfeG0vvi/Y63H4yngks7bY+gJMNsgwfmK7unzAn5T0HNdxXD+DPBE+l+MPEfizXRG+ratdMkGxtwgtVwI1B9SFBP0FdxQvhX9b6g/if8AWwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVtRjaXTpoktY7syLsMEr7VcHggnB4x7GrNFJq6sBwcCTWF5ctJLd29vGyxXVzZZm8nvsaadmcqN3OxABntzXRayNuq6BzkC8YZJ6/uZKW68OpczXAF9cRWl0++4tECbZDgA8kbgDgZAP5ZNXtS02HU7PyJy6bWDxyRtteNh0ZT2IrKMWo29P6/y/E5o02lJfd/X3XKHib/j308dzqNvj/vsVH4ksLi+mtPLh+220e4z2IuPKMucbW9GA5+UkDn2qe30J/t0N1qepXGovbkmBZVREjJGN2FAy2CRk9M8AU7UND+26lHqFvf3VldxRGJWh2lSpOSGVlIPShxbTut3f8F8uhck5Xduy/H/gmXolvZWviILDaX2kytbsBYzsDFJ8ykum12XI4BAweelUix1jVtRfUtE1HVIre5aCGKKWIQxhQOdrSqSxznJHQjFdFZaM8F+L6/v57+5VDHG0iqixqcZ2qoHJwOTk0l3ohe+e906+n0+4lAExiVWSXHALKwIyB3GDS5HZfP8Ar+u5Hs3y2t18u33f13KXh2O9ttQuYPsF9aaYYw8KXksbmN88qpV2O0jBwenOKq6npBl8aW0dldz2S3VrM90YpGLSANHwuThDz1AzjOPWt3T9Mks5XmudRu76ZxtJmZQqj/ZRQFH1xn3qnP4dmm1MX413Uo5lVkQIlvhFYglRmI8fKOuTx1puOkbq9v8AgjcHyctuq7dy7pujWekmT7CsiLJjcjTM65HfDE8nue9XqhtYZLe3WOW5lunXOZZggZvrtVR+QqatVotDaKSWisNdFkjZH5VgQcHHFc/o9lBpvizUbWzEiw/ZIH2NKzgMWkBPzE+greuInnt3jjnkt2YYEsQUsvuNwI/MGsZfDU6X0l4viHVBPKixu+y25VSSBjycfxH86iV+ZNL+tSKibashnjS38/w/uSWSCZLiHy5YnIKEyKufQ8E9ciq+o6NaaGlnfaaJY7oXcMckzSszTK7hWD5PzZB79D0rW1XRv7WsY7WTULqBUZWZ4RHukKkEE7kI6gHgD8qTU9FOqWVvby6jdxeS6SGSIRbpGUggtlCOozwAPwqXH3nJLqiJw5m3bpp66mR4n0+O48R6LtuprRrqV4pXimZTIgjY7BzgZ9Rz707VNJtPD1tFqOjK1pNHPGjRpIxW4DOFKspOCeeD1BqDxZPpL6vpFnq0+Vid3kYkqyfuyFfK9DnoRjmtaz0G1M0F7NeXmo+Xh7f7VNuVMjhgAACcdzk1MYpydu+/3f8AB/q5DipSkktfy0ImgSDx7C8W8G4sZWkG9iGKvGAcE4HBPSmwWsVp47f7PvUT2LSyKZGYFvMHOCcD8Kv6npJvriC6tryWyu4AypNGqtlWxlSGBBHAP4VVsvDS2msLqjanfXF2YzHKZWQrKucgbdvygHptx75qoxalHTZv8b/5mkou7st2n+V/yM688Pabc+Oo/OhkbzbKWR8TyDLeYgzw3HXoOK6Ow0+2023MFmjJGW3YaRn5+rEmq+paSb26hu7W8msruFWRZY1VgytglWVgQRkA+vFP0/T5rR3kutSur6RwB++2qq/7qqAB9eT706ceXS3f87jUUpt23/yRz13pLvql3calo8utxSSloJYLpcwpjGwIzKFIIPKnJrX8LiBdHKWs9zMqTSBhd7vNiO4nY2STxnHuOaii8OXFl5q6Xrd5bRSyvK0bJHIFZmLHbuXI5PTkVo6ZpsWl2phieSVncySSytl5HPVien5YFKnFxe3T+v6ev4kxg1Pmt/X5/eXKjuII7q3eCcFo5F2sAxGR9RzUlR3ETz27xxzyW7MMCWIKWX3G4EfmDWr2Og5Pw94Z0qQ6gzwSEx6hKq/6RIMAEY/i5rsKw7Pw5NYu5g1/U8SymaRSluQ7Hr/yyyM+2K1L22luoQkF9PZMGz5kCxlj7fOrDH4VEFywStsl+RjTjyp+7bft3M3w9/r9Z/7CL/8AoCVHqMCReMdIuI96yTCZJP3jYYBMj5c4/Sn2fh2axmkkh17UiJZvOlRkt8SNwDn91kZAHQirmqaX/aIgeO5ktLm2cvDPEASpIwQQwIIIPSkk+SKtqrfgLlbi1brf8bmdcWsVv440+aHer3ME/m/vGKtgJj5ScD8BUvinTba80O7uJ1cy29tI0TJKybTtzngjPTvTYfDG3VrfVLjVr+e9hBXexjCMhxlNm3AHHUYPvVrVNHl1RZIzq17awSxmN4YFh2kHg8tGzc59aiUG6bjbuOK+K8d35eRa04ltLtSxJJhQknv8orB0zSrXxDBLqWsK9zJJPIkcbSMFt1VyoVQDgHjJPXJrX03S5tPwH1W8vIlQIsU6wgLjocpGpz9TVeXQZEupptL1O508XDb5oo1R0Zu7AOp2k98cH0rWfvS5raakqL5IprboUfC9s1nruv25uZLlY5oQjStuZV8sEKT1OM4yea6asfSfDcOjX09za3t232nDTxysjCR8Y3k7d2foce1bFEE1FJl0ouMbNdX+Zm+Ir2bT9Aubi2IWUAKjkZCFmC7j9M5/CqE/hOwhsZJIJZ4r5ULC/M7GQtjqxJwR6qePat24t4ru2kt7mMSQyqUdG6MD1FYp8NSSW/2O41q/m0/G027bMsv90yBdxH45Pcms6kHK+nT+v6QSjeV2roxVvbq38AeHILUXDG9WGGRrVlWTb5ZYhSxABO3GcjrxzilnsJLaEzaD4Z1ayv4/mjl+0QYc+kn787lPfOT3HNb9t4btodBXSJri4uraMKImlKq8QXG3ayKuCMZB6+9MOhX0i+VceIdQe36bUWKN2HoXVQfxGD70ODcm/wDLQw9lLlSfZLp+pV8UWRvZtEzNcWksl2I3aCUqwUxsWXg45xjPUdqWTTLXQtd0k6UjW63UrwzoHYrIPLZgSCeSCo569a0NT0T+0prSQajeWv2R98aw+WQWwRk70YngkdadqGj/ANoXtncm/urc2b70SIR7WbBBJ3IT0JHBHX1p8uraXX8NP+CaSpttu2uhT8SWFxfTWnlw/bbaPcZ7EXHlGXONrejAc/KSBz7VU0S3srXxEFhtL7SZWt2AsZ2Bik+ZSXTa7LkcAgYPPStTUND+26lHqFvf3VldxRGJWh2lSpOSGVlIPSlstGeC/F9f389/cqhjjaRVRY1OM7VUDk4HJyaFF8/Nb+vzCUG53t2/rv8A15soeMtOt5NEur9hILmCL93Ikrrt59AcV0Y6CsjVtBk1dJopdYv4baYbWt4Vg2gexaMt+tW7GxntGcz6nd3wYAAXCxDb9NiL+uaqKak9C0mpt2Odj8NaXP401BJIJCv2SGTi4kHzF5M9G9uldLb6fbWth9jhRlgwRtMjE4PXknP61Vv9He4vxfWN/NY3JjETtGqusigkgFWB6EnBGOpqWztG02GaW71C4u2I3PJcFQFAHZVAAH4UoRUVa3f8xRjyydl8zD0lrXw7Y6vYXhkxZlpizyMzSwtnaRk9eCvHce9aPhbSTpWjr5odbi4JmlVpGfYTyEGSeFGB+FYt7faP4h8X6VFBchxCrPIy5Al5BSM8c/MN3tt967OlSV9e2n9f108yKai5abLb5hRRRWx0hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVx178RI9L8Q2+lat4e1ey+0OAl1I1s8SqZFjDtsmZlUs6jlc89ODg3aQdLnY0UUUAFFFFABRRRQAUUyZpFt5GhUPIFJRScbjjgVS0G41K70CyuNds0sdRkiDXNsjh1ifuoIJB/OgDQooooAKKKKACiiigAoqhousW+u6Wt/ZrIsTSSRgSABso7IehPdT+FX6ACisbV/EK6ZrWkaTBbm6vNTlYBA+3yokGZJScHgcDHcsBxU3iPV30Hw7eanHb/aTbJv8rft3DIzzg4456VUISqSUY7t2KjFykordmnRVHRdQbVtDstQeHyGuoVl8rdu27hnGcDNZ8XiW5nuLmCDw7qbvbOI5QJLYbSVDDrLzwQfxrRUZtuPbfVDUJO/kb1FZ2l6v/aU11C9lcWc1qyrJHOUJ+ZdwIKMw6H1rRrOUXB2ZLTTswooqtYX8Wo27zQBwqTSQneMHcjlD+GVNKztcLO1yzRRRSEFFFFABRRRQAUVi614jbRXHm6Rf3ETMESWAwkOxGcBTIG7Ht2rVtbmK8tIbm3bfFMgkRvUEZFaSpzjFTezKcWkm+pLRRRWZIUUUUAFFFFABRRRQAUVk6Fql9q0LXM9nb29qxdYmS5Z3JVyvKlAB07E1rVc4SpycZblSi4uzCiisnW9bbTDFBZWj6hfzZZLWNgpKL95iTwAOg9SQO9EISnLliEYuTsjWoqtp9/b6nYRXlm++GUZU4wR6gjsQeCOxrLGq6zetLNpOm2zWkbsim6uGjefacEqApCjIOCTz6AVUaUm2trd9BqDZu0VU0zUI9V02K8hVkWQEFHGGRgSGU+4II/CqkWqXy+Il029s7eOKWGSaGaK5Z2IRlHzKUGCd46E0lSm211X6C5Xr5GtRRRWZIUUVz/hbxNL4im1RJbEWn9n3RtsiXfvIzk9Bjt+daRpzlCU1st/mUotxclsjoKKxrjxCtn4wtNCurcxrfWzy2tzv4kkQ/PFjHBCkMOeRu6Y52az6XJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKq6nfDTdNmu2jMnlrkIDjcScAZ7ckc0m0ldibsrstUVl2Oo3p1I2Gq20EMzQ+dG1vKZFKggEHKgggkfXNGq602mXVrAum3d410xSMwNEBuAJwd7r2BPpS5la5POrNmpRWTquuPpX2ctpV5cLOyIGhaHCuxwFO5xznuOPetYHKgkY9j2ppp3sNSTdgoooplBRRRQAUUUUAFFFU4Jr59Wu4p7ZUs41QwTBgTITncCM8Y4/OlcTdi5RRRTGFFFFABRRRQAUVWa/iXVU08hvOeFpgcfLtDAH8csKs0k7q6FdXsFFFFMYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5RNf/wDCQ3fiuabw7rV/baiDptpdWcMbIsMWV3KWkBz5pkbOOy16dqFrJe6fNbQ3k9i8i7RcWwQyR+671Zc/UGs7w34b/wCEZ0FdJg1a+vIIkCQPdLDvhUDAA2RqD65YMSeppWvcd7WI/BWtTa94Qsby9jaK+VDBeROMNHPGdkgI/wB5TW9XP+HPCreHby/uP7c1LUft8vnTR3i24USYALgRRJgkKAe3fGea6Cqbu7kpW0OZ8di5OhRfZB4iL+eM/wDCPNCJ8YPXzTjb9Oc4rz3Zq/8Ac+Lf/fzT/wDGvaKKmxRQ0LzBoFj5wvhJ5K7v7QKG4zj/AJabPl3euOKv0UVTd3claKxm63oWn6/aLBqkUkscbb1CTvFg4x1Qgmsr4bu8nw30RpHeRvswyzsWY8nqTya09X0m81JozZ6/qOkhAQy2Uduwkz3PmxP09sVneHPB83hqO1t7fxNrF1Y2qFEs7lLXYRz1ZIFfjOfvUl1GzAu/CtlrPxb1GG+mu2sTpdvcTWK3LiGeUySqGdc9AFHyjCnqQcCtPw1Yw6R4u17QLEyJpcdrbXENs0jMsLSearhCTlVPlqcDgHOMZrSg8LNB4xm8Q/25qUkk0Qhe0ZbfyfLUsVXiIPgF2Od2fUkcUtt4cGn+Kb/xC+s38puoVjltZRD5KIm4rjbGH+Xc3VjnPOeMJWUUvUHq215fp/wTi/CPgvSNV1bxLBqks+oWWn6s8Frps11I8VsPLjYkqW+ZiW6tnAHGOa3dGsIrDxTrHhOOa4uNHewiuUglndmtS7OjRq5O4KQuQM8c44xjmfC8XhzxF4p12XT9bvNP1a71KVo5dPmMTXEARMbgylGAO7BIyOcV6PoXh2x8PwzLZedLNcv5lzdXMplmnbGMs55OBwB0A4AFNfDG/Zfl/Xz0B7yt3f5/1+Zz/gnTLbUvh42m3wmmtftl3FtM77tiXUgUbwd3AAHXtTvA+nwar8MLSx1DzZ4HM0bAzOGKrM+BvB3dh3qVvA06S3UFj4l1Sw0u6meeSxthEu1nJZwkpQuiliTgHIycEVqeFfDMHhLQ00mxvLu5tInYwrdFCYVJzsBVVJGSeWyeetG61DZ6HGfD/wABeHbnwnBczWc5lF1cgML2cfduJAOA+OgFemVyieC72zeaHRfFOpaZp80zzG1iht38pnYswR3jYqCxJwc4zxiuksrUWVjDbCaafykC+bO++R/dm7mjoD3OMsj9o+PWqmfraaFbpbg9lklcuR9Sij8BXYanp8Wq6VdWFyWEVzE0TleoBGMj3rB1jRLyPx5o/iTSYRKyxvp+oR7gpa3c7lcZPJRwDjrhmxXUU4NxSa3V/wA2/wBR3anzLy/JL9CGztY7GxgtYM+XBGsaZ64AwP5VyVxFr0t/4mGgzWyMZkAV4z5hbyI/utuAH4g12dYUXhueC4uZ4PEOqI9y4klIS2O4hQo6w8cAD8K6sPUUXKUmrvur9U/0NaUlG7f4mpGbQ3lxBH5YuSivOFGGIOQpJ/4CR+Fcv4f8NWF7a3b6h512qXtxFBHLMxWBFkYALz19+vvxW7Y6KbO6urp9SvLq4uY0iMswiBQLuxtCoo6seoNLpWinSbe4iTUry4E7tJumEWY3Yksy7UHUnPOR7VSqKnGShPt3+f8AXYalyxajLt+RW0BP7Q8MfZ755J1WWa3LM53MqSsoyw5zhRzWV4b8L6TPpszy28hZb25UYuZBwJ3A6N6Cuh0bSRo1o9ut5cXStI0mbgJlSxLNjYq9SSfxqqdAuIZpv7N1m6soJpGlaFI4n2sxyxUspIySTjnk1XtrOcYTsm79fPsVz/Eoytrf8yHxZeXNrZ2NtZrcH7ZdLA5tWVZdm1mIVmYAE7cZz3OOcVjz2EltCZtA8MatY6hH80cv2iDbIR/DJ+/O5T0OcnuOa6mbR7e50kafdvNOgwRLJIfMDA5Dhh0YHkEdKpnQb6RfKufEWoSW/QoixRuw9C6oG/EYPvVUa8YRUU1pve+v3b+j/UcKijFL/PX7ifXrSK+8P3H2pHBjhaVQsjKVYKccqRWVovhyO80eyvNXu7m7vHgjdJVmaMQ/KCAgB49yck9/StzUtOfUbP7Ml/c2aEFXMAjJdSMYJdW/TBqDTNGm03yUGsX1zBCgRYJlg24AwOVjDcfWsoVXGi4xlZ38/wDLr/w5Cm1TsmalFFB6elcZgcvqeos3jCFEsLu9h02Eu32ZFYLNIMDOWHITP/fdTeEblhBeabJbzWps5iYYp1AYQuSycAkYB3KOf4au6VobaVdXM39p3l39pcySJcCLBfAG7Kop6KBjOMdqF0Nl186qdUvWcoYzAREIymcheI9xAJyDnPvya75VKbg6a2SVnrv/AE3950SlBxcfTv8A13MfU9IMvjW2jsryeyS7tJpLsxSNukAePhcnCHnqBnGcY61o3Nnb+F9B1O90mKTdHbNKInlZ1LKpIOCTye574pZ/Ds02qC/GvalHMquiBEt8IjEEqMxHj5R1yeOtalvbtFaCC4uJLw4IaSdU3OD6hVC+3SlOt7sFzXS3Wuut+3yCVTbW67HGwadFPaJLd+HNbu7x1DNfG6gEhYj7ykT/ACj0AwBW7ZXtxZ+E2n8RrPC8QZHyR5rruKof3ZPzsNv3T1PFEfh64tEEGma3eWdoOEgCRyeUPRGdSQPQHOO1W30SCXRW02ae5lRvmM0kpaUNu3Bgx6EEAjsMdMVdWtCdlJ6X6Xul89F6Icqila76+f6nH6pbtp+lTajZeG72xnhAkjvHvVaVcHq48wlh6gk/SvQa5698KSaraPbaxrl/cwsMBEEcQB7Mdq/MR6Hj2rctongt0jluJLl1GDLKFDN9doA/ICs8TUjUhHW7V+/l3JqyUktdfn+pLRRRXEYGL4R/5FmD/rpN/wCjXrEm0Kzu9c8RPObhxDGkkUf2h9sbshYuozw2cc9u1a/hb7XbWH2C8065tjC8jec7RlJMyMRt2sT0PcCrMOgiLUL+6fULuX7eu2SJxHtUYwNuEB4HHJPvmvRdX2dao1K19reqfTyOrn5Kknf+rmDpVmllN4avo5Jnu9RU/a5pJSxnzAX+bPHDAY9OgrqorC2hv572OP8A0i4CrJISSSF6AZ6DqcDuSaoJ4dSO00yBdQvN2mPuhlPl7mG0rtb5MEbTjgA++ea2KxxFXnd4vuvxbX6GVSfNs/6uV7WwtrKW4ktY/LNzJ5soBOC+ACcdATjnHXrWfqWqTyXZ0rRdr3xAMszDKWin+JvVj2Xv1PFbBrAsvC0unQtFZeINUjVnLt8lsxZj1JYwkk+5NRScW3Kb16Xv/wAHbsELO7k9TV02wi0vT4rO3LFIx95zlnJOSxPqSST9az7n/kedO/68Ln/0OGtGwtDY2awNdXF2wLEzXDAuxJJ5wAO+AABgYrKT7Xd+MobhtOube2tbWeEzTNHtkZnjI2hWJxhSeQKdPWcpN9Hr8mEd279zerB0zw5Pp/ijUNXk1i6uYrwYW0kPyRcg8c9sYHAwDW9WDpvhS30zxRqGtx3l1JLfDDRSPlF5B4H4cegpUp8sZrmtddr3128vUUJWjJX/AOD/AJG9WfpWi2ujvfNaFyb26e6l3EHDtjOPbitCisVKSTinoyOZpWOE+KRMEPha8hOLmHxHZrER1IclHH4qzV3dcvrWiXmueOdFkuIguj6OGvQxYHzrogogx1ARSzZPdlx0NdRUr4fm3+S/QT+L5f5v9Th/GnhtNe8YeHZx4yn0Saxm80adDMFN6NwONu4E/dIzhuCRiu4rh7LwRPc/F/UfGWuCN1t7eOz0iMNu8tNuZJD6MWZgPbPrXcUL4UgfxBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVW1GNpdOmiS1juzIuwwSvtVweCCcHjHsas0UmrqwHBwJNYXly0kt3b28bLFdXNlmbye+xpp2Zyo3c7EAGe3NdFrI26roHOQLxhknr+5kpbrw6lzNcAX1xFaXT77i0QJtkOADyRuAOBkA/lk1e1LTYdTs/InLptYPHJG2142HRlPYisoxajb0/r/L8TmjTaUl939fdcoeJv+PfTx3Oo2+P++xUfiSwuL6a08uH7bbR7jPYi48oy5xtb0YDn5SQOfap7fQn+3Q3Wp6lcai9uSYFlVESMkY3YUDLYJGT0zwBTtQ0P7bqUeoW9/dWV3FEYlaHaVKk5IZWUg9KHFtO63d/wXy6FyTld27L8f8AgmXolvZWviILDaX2kytbsBYzsDFJ8ykum12XI4BAweelUix1jVtRfUtE1HVIre5aCGKKWIQxhQOdrSqSxznJHQjFdFZaM8F+L6/v57+5VDHG0iqixqcZ2qoHJwOTk0l3ohe+e906+n0+4lAExiVWSXHALKwIyB3GDS5HZfP+v67kezfLa3Xy7fd/XcpeHY7221C5g+wX1pphjDwpeSxuY3zyqlXY7SMHB6c4qrqekGXxpbR2V3PZLdWsz3RikYtIA0fC5OEPPUDOM49a3dP0ySzlea51G7vpnG0mZlCqP9lFAUfXGfeqc/h2abUxfjXdSjmVWRAiW+EViCVGYjx8o65PHWm46Rur2/4I3B8nLbqu3cu6bo1npJk+wrIiyY3I0zOuR3wxPJ7nvV6obWGS3t1jluZbp1zmWYIGb67VUfkKmrVaLQ2iklorDXRZI2R+VYEHBxxXP6PZQab4s1G1sxIsP2SB9jSs4DFpAT8xPoK3riJ57d4455LdmGBLEFLL7jcCPzBrGXw1Ol9JeL4h1QTyosbvstuVUkgY8nH8R/OolfmTS/rUiom2rIZ40t/P8P7klkgmS4h8uWJyChMirn0PBPXIqvqOjWmhpZ32miWO6F3DHJM0rM0yu4Vg+T82Qe/Q9K1tV0b+1rGO1k1C6gVGVmeER7pCpBBO5COoB4A/Kk1PRTqllb28uo3cXkukhkiEW6RlIILZQjqM8AD8Klx95yS6oicOZt26aeupkeJ9PjuPEei7bqa0a6leKV4pmUyII2Owc4GfUc+9O1TSbTw9bRajoytaTRzxo0aSMVuAzhSrKTgnng9Qag8WT6S+r6RZ6tPlYnd5GJKsn7shXyvQ56EY5rWs9BtTNBezXl5qPl4e3+1TblTI4YAAAnHc5NTGKcnbvv8Ad/wf6uQ4qUpJLX8tCJoEg8ewvFvBuLGVpBvYhirxgHBOBwT0psFrFaeO3+z71E9i0simRmBbzBzgnA/Cr+p6Sb64gura8lsruAMqTRqrZVsZUhgQRwD+FVbLw0tprC6o2p31xdmMxymVkKyrnIG3b8oB6bce+aqMWpR02b/G/wDmaSi7uy3af5X/ACM688Pabc+Oo/OhkbzbKWR8TyDLeYgzw3HXoOK6Ow0+2023MFmjJGW3YaRn5+rEmq+paSb26hu7W8msruFWRZY1VgytglWVgQRkA+vFP0/T5rR3kutSur6RwB++2qq/7qqAB9eT706ceXS3f87jUUpt23/yRz13pLvql3calo8utxSSloJYLpcwpjGwIzKFIIPKnJrX8LiBdHKWs9zMqTSBhd7vNiO4nY2STxnHuOaii8OXFl5q6Xrd5bRSyvK0bJHIFZmLHbuXI5PTkVo6ZpsWl2phieSVncySSytl5HPVien5YFKnFxe3T+v6ev4kxg1Pmt/X5/eXKo6zd21ppcjXnnMkmIwluWEjsxwFUqQcn6j61eqpqenR6naCGSSSJldZI5YiA0bqchhkEfmMVpK7Vkbu9nbc466t30w2t5Z+HrnTJPtcKG5N2jkq0iqRIA5LZBx35/Ouw1Sygv8ATpYbpWZMFsK7Kcgccgg1lXXhWTUkQaprd/O0TrJCYxHGI2UghtoXDHj+LI9q1LqwmubFLddSuoGUYeeNYt8nGDnchXnrwBWPI+SUbbmNOLjJ3Wny8+xz3h3w6mo+HLC61m7ubud7eMxMszxiAbRjaAfverHJJ9uKdrk0t34mXTJbG+vrKG1WZoLSVE81mYjLlnUkDb0GRk89q1tL0OXSkt4o9Zv5ra3QIlvKsG0qBgAlYw3H1qbUtIj1CWK4Sea0u4QRFcwEbgD1UgghlOBwRVShdaIiNN+z5bWenz/r+tDD062ubLWrU6VoeoadZyErdRzzQmHbg4ZVWViGBwOByCc9qsa2bTUdTNouk3WrTW6jzEWfy4Y88jdlgpb8CcelX7XSLlLuO4v9YvLsxnKRfJFHn1IQAt+JI9qS60SVr+a707U7iwe4x56xojq5AwGwynBxx+A4pcr5bW/L/hhqDUWkvy/4Yz/CzSw6pqlibSaxghWF47aWYSCMsGztIJwp2jj68V01Y2m+G49L1OW+h1G+lkuFAuFmdHEpGcMflyMZ6KQPatmtIJqNmaUouMbMKKKKs1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAopkzSLbyNCoeQKSik43HHAqloNxqV3oFlca7ZpY6jJEGubZHDrE/dQQSD+dAGhRRRQAUUUUAFFFFABRVDRdYt9d0tb+zWRYmkkjAkADZR2Q9Ce6n8Kv0AFFY2r+IV0zWtI0mC3N1eanKwCB9vlRIMySk4PA4GO5YDipvEervoPh281OO3+0m2Tf5W/buGRnnBxxz0qoQlUkox3bsVGLlJRW7NOiqOi6g2raHZag8PkNdQrL5W7dt3DOM4Gaz4vEtzPcXMEHh3U3e2cRygSWw2kqGHWXngg/jWiozbce2+qGoSd/I3qKztL1f+0prqF7K4s5rVlWSOcoT8y7gQUZh0PrWjWcouDsyWmnZhRRVawv4tRt3mgDhUmkhO8YO5HKH8MqaVna4WdrlmiiikIKKKKACiiigAooooAKKKKACisdNU1CPxBDp99ZW0cVwkrxSw3TO2E2/eUxrjO4dCa2KucJQtfqVKLjuFFFFQSFFFB6HHWgAoqnpM19caVBLq1streMD5sKsGCHJ7gntin3V/FZ3FnDKHLXcxhj2jgMEZ+fbCmrcHzOK1sVyu9izRRRUEhRRRQAUUVk6lqd9Bq9rp+m2dvcSTwyTM1xcNEFCFR2Rsn5/bpVwhKbtEqMXJ2RrUUDpzRUEhRRWVqOoTrrWn6ZYlRLMxmuGIzsgXr+LMVUfj6VcIObsioxcjVoooqCQorK8QalfaRpst9Z2dvcxW8TyzCW4aJgFGflARsnr1IrUVtyBumRmrcJKKl0ZTi0k+4tFFFQSFFc/rPiaXSvFGj6QliJ11NmHnebt8vbjPGDng56irXifWz4b8P3GrG0a6htdr3CI2GSLcN7jg52rlsd8VpOnKEYyltLb77FuEla/U1qKZDNHcQJNA6yRyKGR1OQwIyCKfWZG4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFVdTvhpumzXbRmTy1yEBxuJOAM9uSOaTaSuxN2V2WqKy7HUb06kbDVbaCGZofOja3lMilQQCDlQQQSPrmjVdabTLq1gXTbu8a6YpGYGiA3AE4O917An0pcytcnnVmzUorJ1XXH0r7OW0q8uFnZEDQtDhXY4Cnc45z3HHvWsDlQSMex7U0072GpJuwUUUUygooooAKKKKACiiqcE18+rXcU9sqWcaoYJgwJkJzuBGeMcfnSuJuxcooopjCiiigAooooAKKrNfxLqqaeQ3nPC0wOPl2hgD+OWFWaSd1dCur2CiiimMKKKKACiiigAooqrfyX0cIOm29vPJn5luJ2iAHsQjZP4Um7K7AtUVS0bUG1XRra+eIQtOm4xhtwX2zgZ/KrtMUWpK6CiiigYUUVTuJr5NVs4re2WSzkD/AGiYsAYiANuBnnJzSE3ZFyiiq1hfxajbvLAGCpLJEd4wcoxU/hkU762C6LNFFFAwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAhu7WG+s5bW5UtDMhRwrFSQevIII/CvP/D9tpPhCx8W6Vqnn+XZBrl5JLmR2ms3DMhBLZBHzx8YPyDua9Grn9f8ABuneItUsr69luYntcK8cLKEuUDrII5AVJKh0U4BHfnBIpW19dB3/AAKfw78MDw94bjlnSZL++Hn3KSXEkgiLEssY3McBA233xzXWUUVTd2SlY5nx2Lk6FF9kHiIv54z/AMI80Inxg9fNONv05zivPdmr/wBz4t/9/NP/AMa9ooqbFFDQvMGgWPnC+Enkru/tAobjOP8Alps+Xd644q/RRVN3dyVorGbrehafr9osGqRSSxxtvUJO8WDjHVCCayvhu7yfDfRGkd5G+zDLOxZjyepPJrT1fSbzUmjNnr+o6SEBDLZR27CTPc+bE/T2xWd4c8HzeGo7W3t/E2sXVjaoUSzuUtdhHPVkgV+M5+9SXUbMC78K2Ws/FvUYb6a7axOl29xNYrcuIZ5TJKoZ1z0AUfKMKepBwK0/DVjDpHi7XtAsTImlx2ttcQ2zSMywtJ5quEJOVU+WpwOAc4xmtKDws0HjGbxD/bmpSSTRCF7Rlt/J8tSxVeIg+AXY53Z9SRxS23hwaf4pv/EL6zfym6hWOW1lEPkoibiuNsYf5dzdWOc854wlZRS9QerbXl+n/BOL8I+C9I1XVvEsGqSz6hZafqzwWumzXUjxWw8uNiSpb5mJbq2cAcY5rd0awisPFOseE45ri40d7CK5SCWd2a1Ls6NGrk7gpC5AzxzjjGOZ8LxeHPEXinXZdP1u80/VrvUpWjl0+YxNcQBExuDKUYA7sEjI5xXo+heHbHw/DMtl50s1y/mXN1cymWadsYyznk4HAHQDgAU18Mb9l+X9fPQHvK3d/n/X5nP+CdMttS+HjabfCaa1+2XcW0zvu2JdSBRvB3cAAde1O8D6fBqvwwtLHUPNngczRsDM4Yqsz4G8Hd2HepW8DTpLdQWPiXVLDS7qZ55LG2ES7WclnCSlC6KWJOAcjJwRWp4V8MweEtDTSbG8u7m0idjCt0UJhUnOwFVUkZJ5bJ560brUNnocZ8P/AAF4dufCcFzNZzmUXVyAwvZx924kA4D46AV6ZXKJ4LvbN5odF8U6lpmnzTPMbWKG3fymdizBHeNioLEnBzjPGK6SytRZWMNsJpp/KQL5s775H92buaOgPc4yyP2j49aqZ+tpoVuluD2WSVy5H1KKPwFdhqenxarpV1YXJYRXMTROV6gEYyPesHWNEvI/Hmj+JNJhErLG+n6hHuClrdzuVxk8lHAOOuGbFdRTg3FJrdX/ADb/AFHdqfMvL8kv0IbO1jsbGC1gz5cEaxpnrgDA/lXJXEWvS3/iYaDNbIxmQBXjPmFvIj+624AfiDXZ1hReG54Li5ng8Q6oj3LiSUhLY7iFCjrDxwAPwrqw9RRcpSau+6v1T/Q1pSUbt/iakZtDeXEEfli5KK84UYYg5Ckn/gJH4Vy/h/w1YXtrdvqHnXape3EUEcszFYEWRgAvPX36+/Fbtjops7q6un1K8uri5jSIyzCIFAu7G0Kijqx6g0ulaKdJt7iJNSvLgTu0m6YRZjdiSzLtQdSc85HtVKoqcZKE+3f5/wBdhqXLFqMu35FbQE/tDwx9nvnknVZZrcszncypKyjLDnOFHNZXhvwvpM+mzPLbyFlvblRi5kHAncDo3oK6HRtJGjWj263lxdK0jSZuAmVLEs2Nir1JJ/Gqp0C4hmm/s3WbqygmkaVoUjifazHLFSykjJJOOeTVe2s5xhOybv18+xXP8SjK2t/zIfFl5c2tnY21mtwftl0sDm1ZVl2bWYhWZgATtxnPc45xWPPYSW0Jm0Dwxq1jqEfzRy/aINshH8Mn787lPQ5ye45rqZtHt7nSRp92806DBEskh8wMDkOGHRgeQR0qmdBvpF8q58RahJb9CiLFG7D0Lqgb8Rg+9VRrxhFRTWm976/dv6P9RwqKMUv89fuJ9etIr7w/cfakcGOFpVCyMpVgpxypFZWi+HI7zR7K81e7ubu8eCN0lWZoxD8oICAHj3JyT39K3NS059Rs/syX9zZoQVcwCMl1Ixgl1b9MGoNM0abTfJQaxfXMEKBFgmWDbgDA5WMNx9ayhVcaLjGVnfz/AMuv/DkKbVOyZqUUUVxmBzNtptto3jbcBJ5eoQkwFpnYJKv31wTj5lII/wB1qPDmm20+qX+txCQJJO0dqDM5XauVZ8E4+Zt34BcVsavpMWsWawSzTW7I4kjngYCSNh3BII6Ejp0JqxaWsVjZQ2tsuyGFBGi+gAwK7JYhunu+Zqz9F/S/HubyqXjvq9/l/X5nD6d/xO7U6jq3h3VNTmndyrCaERxKGICopmG3GME4BJzmuj8Mi/ihuoL22u4LeOUfZPtkiPLsI5UlWbODnBJzjFOk0CSK4ll0jU7jThO5eWFESSMserAMDtJ74OD1xmrlhpzWMUoe+uruWU5aa4cEg47KAFUewFaV68ZwaVrPZa6fovkVUqKSdv10/QpX/wDyOOj/APXC5/8AadTeI72ew0Gea1YRzEpGkhGRGXcJux7bs/hVaTw1PLeQ3UniLVDNArLG2y2+UNjPHk47CtP7AkumNY38r3ySIUkacKDID6hQo/ICsm6cXB3vbda92+qIvFOLve3+ZlN4P01YC0TXEd6BkX/nsZt394sTz9Dx2xiqrard6j4X0Q+cbebVJI4Zp4uCo2szFfQttwD23VbPhu4eH7JNruoSWGNpgOwMy/3TIF347dc+9aN3pNpeaYLCSPZAoXyxEdhiK/dKkdCMDFae2jdc8ubX7vv++22hXOtOZ3/Qyb7wXp8lm66W0unXRHFzDM+4+u75vmB962b/AE621O3EF6jPGG3ALIyc/VSDWa3h+6uF8nUNevrm16GILHEZB6MyKGP4EZrQvbGa5WNbbUrqwCAg/Z1iO76+YjdPbFZzqSbinUvbrrp89yXJtr3vz/4co+EM/wDCMW4LM215VBZixwJWA5PsKo+J9Gsb3XNEluInZ5bwxuRM65UQSnGAeOQORWhpXh+TSRGkOs6hLbxszeRKsG1ixJOSIg3Uk8GreqaYmpwxDzpbeaCQSwzxY3RuARnBBB4JBBHQ1XtVDEOcZaO+qv1uVzpVHJPe/wCIado9lpRk+wxunmY3bpXfOP8AeJx1rJWzh0jxsLhvMMeqRlUZpWIjmXkrgnHzLyPdD61oWWl3UN0txe6xd3hUELGVSOMZ74VQSfqTWH4x1vS59NfTFvAl4biNFdcg2zBgTJnHG0An36d6qipzq8qblzaN6/1p/wAAKalKTje99y5odnDea/qGuR+YIncwW481ir7eHkxnHLZA9lB710dQWNtBZ2EFtaKFgijVIwP7oHFT1y1qnPO/TZeiMpy5pXCsW5/5HjT/APrwuP8A0OGtqsLVftdt4lsb+3064vYUtpoXFuYwVLNGRney8fKelVQ+Nryf5MdPd+jIfGFjHeR6WGkniZr6OIvDKyNsbO4cHvj/AArNXw5p76xrFoVm+yWsEckFuJ3CRO6tucDPB+Uc9ucdTXR6to/9r/Zs311afZ5RMogEfLDoTvRunPT1704aQg1W6vhczg3UKxSw/JsO3OG+7uB5PfHPSuiniHCkoqXfv3X6XNo1eWKV/wCr/wCQmhXLz+GdOubqTc72kckjsepKAkmqXhpTfNda9KDu1Bh9nB/ht1yI/wA8l/8AgftTrjQJh4WTQ7S8keLCwPNOVDiDIDKNigZ2/KDjvnNbUaLFGscahUUBVUDgAdqynKCUuX7T/Df8f0Mm0ou3X8v6/IxfEtjc332RYI/tUEbs1xZCfyTOuMDnvgkHacA1n6PbWVp4khEVlfaNK0EirZyuGhn5Ull2uy7hj2JB9q2NT0QX9/b30N9c2V1bxvHG8BUghiCQyspB+6KSz0WSPUEvdR1Ge/niUrD5ioiRZ6kKoHJ6ZOfbFawrRVHl5uj01v8A5P13+5FqaULX/P8A4YZ4t/5E3V/+vOX/ANBNa0X+pT/dFYviw3c2gXdjY6dc3kt3byRK0JjCoSMDduYHHPbNbUYIjUHqAK55aUY+r/Qzl8C+f6GL4p8PT+I7CG3ttWudMaKYSGS3zlxjocEVtouyNVLFsADcep96xPFPheDxVYQ2tzd3NssMwlDW7AEkDHOfrW2i7I1UEkKAMk5JpznejGPNe19LbfPrf8AlK8Iq/f5f5lC90W1v9X07UZy/n6eZDCFIwd67TmrV7DFc2FxBcKGiliZHU9CpGD+lTVi+L4tVufCt7aeH0DX90n2eOQsFEIc7WlOeu1SWwOTjFc9SUpw5XrpZf16sSk7q72MT4PXE1z8IvD73BLMtuY1Y90R2VD/3yBWz4zso9S8HajZTa02hLcReX/aCyBDBkjnJI69OoznrV/RdJttC0Oy0qxXbbWUCQRg9cKMc+/Fcx8SvB95460/StER1j0pr9JtUbfhmhQEhFHcs2Pp1p1LTk/N/qRD3Un2NfwXpB0Lwbp2nHWZdb8mLjUJW3GYEkg5yeMHA5PAHNbtR28EVrbR29tGsUMSBI0QYCqBgAD0xUlEnd3FFWVgooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKrajG0unTRJax3ZkXYYJX2q4PBBODxj2NWaKTV1YDg4EmsLy5aSW7t7eNliurmyzN5PfY007M5UbudiADPbmui1kbdV0DnIF4wyT1/cyUt14dS5muAL64itLp99xaIE2yHAB5I3AHAyAfyyavalpsOp2fkTl02sHjkjba8bDoynsRWUYtRt6f1/l+JzRptKS+7+vuuUPE3/Hvp47nUbfH/fYqPxJYXF9NaeXD9tto9xnsRceUZc42t6MBz8pIHPtU9voT/bobrU9SuNRe3JMCyqiJGSMbsKBlsEjJ6Z4Ap2oaH9t1KPULe/urK7iiMStDtKlSckMrKQelDi2ndbu/4L5dC5Jyu7dl+P8AwTL0S3srXxEFhtL7SZWt2AsZ2Bik+ZSXTa7LkcAgYPPSqRY6xq2ovqWiajqkVvctBDFFLEIYwoHO1pVJY5zkjoRiuistGeC/F9f389/cqhjjaRVRY1OM7VUDk4HJyaS70QvfPe6dfT6fcSgCYxKrJLjgFlYEZA7jBpcjsvn/AF/Xcj2b5bW6+Xb7v67lLw7He22oXMH2C+tNMMYeFLyWNzG+eVUq7HaRg4PTnFVdT0gy+NLaOyu57Jbq1me6MUjFpAGj4XJwh56gZxnHrW7p+mSWcrzXOo3d9M42kzMoVR/sooCj64z71Tn8OzTamL8a7qUcyqyIES3wisQSozEePlHXJ4603HSN1e3/AARuD5OW3Vdu5d03RrPSTJ9hWRFkxuRpmdcjvhieT3Per1Q2sMlvbrHLcy3TrnMswQM312qo/IVNWq0WhtFJLRWGuiyRsj8qwIODjiuf0eyg03xZqNrZiRYfskD7GlZwGLSAn5ifQVvXETz27xxzyW7MMCWIKWX3G4EfmDWMvhqdL6S8XxDqgnlRY3fZbcqpJAx5OP4j+dRK/Mml/WpFRNtWQzxpb+f4f3JLJBMlxD5csTkFCZFXPoeCeuRVfUdGtNDSzvtNEsd0LuGOSZpWZpldwrB8n5sg9+h6Vraro39rWMdrJqF1AqMrM8Ij3SFSCCdyEdQDwB+VJqeinVLK3t5dRu4vJdJDJEIt0jKQQWyhHUZ4AH4VLj7zkl1RE4czbt009dTI8T6fHceI9F23U1o11K8UrxTMpkQRsdg5wM+o596dqmk2nh62i1HRla0mjnjRo0kYrcBnClWUnBPPB6g1B4sn0l9X0iz1afKxO7yMSVZP3ZCvlehz0IxzWtZ6DamaC9mvLzUfLw9v9qm3KmRwwAABOO5yamMU5O3ff7v+D/VyHFSlJJa/loRNAkHj2F4t4NxYytIN7EMVeMA4JwOCelNgtYrTx2/2feonsWlkUyMwLeYOcE4H4Vf1PSTfXEF1bXktldwBlSaNVbKtjKkMCCOAfwqrZeGltNYXVG1O+uLsxmOUyshWVc5A27flAPTbj3zVRi1KOmzf43/zNJRd3ZbtP8r/AJGdeeHtNufHUfnQyN5tlLI+J5BlvMQZ4bjr0HFdHYafbabbmCzRkjLbsNIz8/ViTVfUtJN7dQ3dreTWV3CrIssaqwZWwSrKwIIyAfXin6fp81o7yXWpXV9I4A/fbVVf91VAA+vJ96dOPLpbv+dxqKU27b/5I5670l31S7uNS0eXW4pJS0EsF0uYUxjYEZlCkEHlTk1r+FxAujlLWe5mVJpAwu93mxHcTsbJJ4zj3HNRReHLiy81dL1u8topZXlaNkjkCszFjt3LkcnpyK0dM02LS7UwxPJKzuZJJZWy8jnqxPT8sClTi4vbp/X9PX8SYwanzW/r8/vLlZXiLRl1rSJYAzpOqloHWRl2v2zgjIrVorSUVKLizdpNWZx1+LXWPC2lWNokkUt5II41EzhoMZ80k5ySoDDnvirHiDfYLpWj2EF49rcO4kS1mAldVXOwO7rjJPPOcA4rVs/D9pZazPqMTzM8u7bEzApEWILlRjI3EAnJNWdS0yDVLdYrgujI4kiliba8Tjoynsf8ms3BuLb3f9W/r0MFTdn32+X6XOVNnNZyxT+H/DWqWFyki7szweVKmfmDjzjnjODjINdo33T9Kx10O9kdRe6/fTxKQfLRY4d2P7zIob8iKu39jPeFPI1O7sQoIIt1iO7670b9MU0motJfkVTjyXdvy/QpeEf+RS0//rl/U1We0j1/xDfwakXe0sfLSO1DlVdmXcXYD73XAB4GDVvSdBk0hIYotYv5raEFVt5lg2ke5WMN+tSX+ii6vRfWd5NYXgTy2lhCkSL2DKwIOMnB6jPWhptK6Eoy9mk1t+JRtrZdC8S2tlYO4sr2GRjbM5ZYmTb8y56A7sEdM4qOz0638RXF7dawpuVjupIIbdnPlxKh252g4LE85PPIrT07Rls7p7y5upr69kXYZ5to2r12qqgBRn2ye5NRXGhP9ulu9L1G40+WcgzLGqOkhAxuKsDhsADIxnvmlyvS6utdP6/rsLkdttL7fL7t9R2k6GNIvLx4bqaS2nCeVBLIziDbnIUkng56dqo3mnW9l4u0m4thIklzLN5v75yG/dsehOOvtWpp2lCweWaS7uby5mADzzsM4HQBQAqjnsPrmqM3hue4uoLiXxDqhkt2ZojstvlJGD/yx54Pem1orIbj7tlHr+ps3NvHd2zwTgtHINrAMVyPqOa5Pw34X0mfTpnkgkLLe3CjFzIOBKwHRvauqtIJLa3Ec11NduCcyzBAx/74VR+lZZ0C4hmm/s7WLqygmkaV4UjjcKzHLFSykjJ5xzyaJRXMpWvp/kOcVKzauWNd0ldY0SayV3icrmJ1dl2uOhJB5FYd5cQ6p4PsrC2jeK5u3FskXmNugdciQk5ydgDHnrx610D3Froemob68fykO0zXDFmYn1NYHhttO1PxVq2p2cm7DBIo+cDgb5AD03FQP+A571MknPl77/L+rf8ADE1LXXd6fL/gHT2lrHY2cVtBu8uJQq7mLH8SeTU1FFbm6SSsgooooGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVT1OTU4rUNo1raXVxuAKXdy0CBe53LG5z04x+NVGLk7IC5RWV4a1iTXvD8GoT2yWssjSI8SSmRVKSMhwxAyPlz0FatOpCVObhLdaCTurhRRRUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK5Hx9qF7BHpGnWUV7ImpXhhnFhIkc7RrGzlEd3UKW24zuBxnHOK66qOsaPaa5p5tL4OFDrJHJE5SSJ1OVdGHIYHv/SunC1IUq0ZzV0v6v8txPVaHAXGmXFgi3XhHwTrul6nEwZH+12vlzjPKTD7SdwIyMkEjqOa9NByBkYPpXNf8Itqc+ItQ8W6tPag8xxLDAzj0aSNA3/fJWtXVNNur9Yhaa1faX5ed32RIG8z6+bG/T2x17104qqq7jFyWl9fef3t3f4aXJirGX8P/APkTYP8Ar4uv/SiSq3jHSbvU9RsHWzOr6fAkn2nS1u/IZ2YrskwSFcDDDaxA+bPareheE5tB8mO38SatPaxO7/ZZ0tdjliWOSsIb7zE8MPy4p+qeFjfa6NZsNXvtNvxbi23QeW8bIGLYZHUg8t14PpjnN+1pxxkqsZrW7Wj699mvVbBry2Mbwna6dY+K547Wz1TQ5ns+NJvHDQsA4zLEVd07qCFPcZHNZETnxJqeqXeueFtY1xIb6a1t44p7dbeBI3KDajTod5xuLMueeOAK7TSvDjWWqNqepandarf+UYUlnVEWGMkEqiIoAyQMk5JwOcVHeeF3OpT6homrXWj3FyQblYUjkinYDAZkdSA2ABuXBOBnOK2WMpqrKXNq0lze9bTezVpW89X021Fyu3z/AE/r/hyj4Nj1S0vr+0m0zUrHRwqPZpqU8UskbHIeNSkjkpwpG48ZI6Yrray9I0aXTZJprvVr/U7iYAM906hVA7LGgVF69cZPcmtSvNxVRVarkrdNr9vPX5vfcqKsgooormKCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorlT41mvJpv+Ec8O6jrVrbyNFJdwSQxRsynDLH5jqXwQRkDbkYzQB1VFYnhnxVZeKre8lsYLu3Nlcm1niu4fKdZAqsRjPbcB9QcZGCdO+e7jsZX02GCe6C/u47iYxIx92CsR/3yaHorhuWKKyfC2tv4j8L2OrS2y2r3Ue9oVk3hDkjAbAz064Fa1GwBRRRQAUUUUAFFZviK61Wz8P3dx4esU1DUo0BgtpHCLIcjgkkAcZ71oqSUBYYbHI9DQAtFFFABRRRQAUUVHczra2stxICUiQuwXrgDNJtJXY0m3ZElFVdL1CHVtIs9Rtg6w3kCTxhxhgrKGGcd8GrVU007MlO6ugorG/4SFZfGZ8P2tuZmhtPtV3PvwINzYjXGOWbDntgL71B4x8TyeFdLgvIrH7aZrhYNnm7MZBIOcH0x+NXSpzrTUIat7GkISnLljv/AEzoKKZI7JAzrG0jKpIjQjLH0GSB+ZFYlr4lub2N5Lbw5qbqkjxMfMthhlYqw5m7EGiFOU02vzS/MUYuSujeoqjpWprqtrJKtvNbNHK8LxTbdyspwfukj8jV6plFxfKxNNOzCimTSiGF5XztRSxx6AUyyuo76wt7uEMI7iJZUDDBAYZGfzpWdrhZ2uTUUUUhBRRRQAUUUUAFFYa+JJ5by7t7fQNSma0k8uRle3AzgMMZlGcgg/jWhpuqW+qQu0AkjkifZNDMm2SJsZww+hBz0PatZUZxV2i5QlFXZcooorIgKKKKACiiigAoorN1HWUsrqOzt7aa+vZF3rbwbchc43MWICjPqee2aqMZTdojUXJ2RpUVi23iMPq0GmX2nXdjeXAZo1kCsjBRkkOrEfh19q2qc6coP3hyi47hRRRUEhRRWTd6ref2q+n6TYxXMsMSyzPcXBhRAxIUAhWJJ2ntj3q4QlN2RUYuWxrUVBZSXUtsGv7eO3mycxxy+Yo/4FtH8qzDrGpXd1cpo+m288NrKYXlubsw73HUKAjZAzjJxzTjSlJtLp5r89gUGzaopkLSPAjTxiOQqC6K24Ke4zgZ+tVdNnvp1uTqVqtuUuHSEKwbfED8r9eCfSp5XZvsK2ly7RRRUiCiqerTX1vpU8ulWy3V4q5ihZgoc56ZJHarYyVGeDjmq5fduO2lxaKKKkQUUUUAFFVtPv4tTshc24cIXdAHGDlWKn9Qas05JxdmNpp2YUUVm6trJ0qW0jGn3V411IYk+zmMYbBbB3uvYH8vpThFzfKgjFydkaVFZd9rTWOpWdm2nXcv2x9iTRmLYrYJIOXB4Ck9Ppk8VqU5QcUm+oOLVrhRRRUCCiiigAooooAKKK56y8Ty3fjrUPDxsNiWcCy/afNzvyFwNuOPvHv2rSFKdRNx6K79CowlJNrodDRWNceIVs/GFpoV1bmNb62eW1ud/EkiH54sY4IUhhzyN3THOzWfS5IUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVV1O+Gm6bNdtGZPLXIQHG4k4Az25I5pNpK7E3ZXZaorLsdRvTqRsNVtoIZmh86NreUyKVBAIOVBBBI+uaNV1ptMurWBdNu7xrpikZgaIDcATg73XsCfSlzK1yedWbNSisnVdcfSvs5bSry4WdkQNC0OFdjgKdzjnPcce9awOVBIx7HtTTTvYakm7BRRRTKCiiigAooooAKKKpwTXz6tdxT2ypZxqhgmDAmQnO4EZ4xx+dK4m7FyiiimMKKKKACiiigAoqs1/Euqpp5Dec8LTA4+XaGAP45YVZpJ3V0K6vYKKKKYwooooAKKztd1C50rR5760tork26GR0lmMfygEnBCtk8dOPrV+N/MiR8Y3KDikmm2hcyvYdRRRTGFFFFABRRWWPEmknxUfDYvB/a62v2s22xs+Vu27t2NvXjGc0AalUbLWtM1HUL2xsL+3uLqwcJdQxyBmhYjIDDt/wDWPpXnfj3x7qmoa9/wgXw22z+IJh/pt8OYtMj7sx/v8/hx1JArqvAXgLS/AGg/YdO3T3Ux8y9vpeZbqTuzH05OB29ySSAdRRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFTVvO/sW9+y58/7PJ5e3ru2nH61l+A/s/wDwr3QPsW3yf7Ph27fXYM/jnOfet+uXk8Gz211PL4c8QX+iw3MhlltYY4ZYQ55ZkWRG2Enk4O0nnGaFpfzt+F/8wetvL/gf5FjxXef8I34Q1vVtKghju1hacuEGGk2hQ7464AGc9lrNHw40ddP84XF7/a+zd/bJu3Nx5mPv5zjGf4MbMcYxW1pfhfTtM0q6sSJL0XxZr2a8bzJLpmG0lz0PHGAAABgACsgeBJxaf2YfFOrnRduz7CTFu8v/AJ5+ds8zZjj727HG6k1ukO4vwrLN8LNBMjrIxtss69GO48iuurF8K+GYvCeippVpf3d3aQ8W6XQi/cJ/cUoi5H+9k+9bVVJ3d0StFY4j4gLeG4svsa+MSNjbv+Eba2C9R/rPNOc+mPeuRiTVvOTKfFn7w+/JYbfx56V7LRSjoN6iL90deneloooA4v4n6JY3ngvV9UmWYXtjp8z28sVzJHsIUkHCsAefUV2Fuc2sRPJ2D+VYHiTwlN4lhurabxJq1lY3cJhls7VLXYVIwfmeFnGf976Yq7o+jXmluxuvEOpaqhQKsd5HbKE9x5UKHP1JoQPp/XY4zSPBml6t408VrqrXV5Y297H5OnzXLtAjvBG7vtzySW75A7AZNa3hjT4bmw8SeHrpp59OstRa3gR53LpEYo5Am/O7AZzjngYHatTRPCzaLrWo6j/bmpXzai4kmhultwm4KqhhsiVhhVA649cnmobLSLbwcusatfa9fXEF5J9ouPtiw7I3wEyvlxKeiqMEnp65JnaPy/HT/gj1b87nJfDrwVo+v+A9O1HxBLNrd1IjKks9y5+zqrFQkYDfKRjlh8xOSTV6OD7d4K8WaNqF1cX8GizzRWt087iUhYVlUM6kFihcrknnbzk5rI+G+iaHq/he2j0XXdT028EIfULbT7kxKzkkbirKQrHHLLgnua9K0/QdN0vRP7JsrZUsirK0ZYsX3Z3FmJyxJJJJOSTTmm013X49wi0pJ9n+Hb+tDlNfsIdT+ConvDM01to32mKRJ3RlkEGQ2VIJ59a2NX0q01vwB5Wpo8qLZCUbZXQ7hHwSVIJrLn+GrX2htoWpeKdZuNFEJgjs0MURCYwoaRU3uFGMAnBx8waursNNFnosWnT3M18kcXlGW5CB5F6c7FVenHAFOr76nbr/AMEVP3HC/T/gf8E5DwJ4H0CHwr4e1KO1mF2LG3mD/bJiN/lqc7d+3r2xiu8rkbbwRqFnZx6da+MNXg0uFBHFbxx24kSMcBPNMZbAHGfvY/i711iJ5caoCxCgDLHJP1PernLmk2iYqySOG+HTG48ReObuf/j5bXWgYnqI44YxGPpgk/jXV6zo1trlpFb3m8JFPHOuwgHcjZHXsen41j2OiXmkfEbUdQs4t+l61bpJckMB5FzFhQ2M5IdCBx0Kc9a6ilCUocsovVJfhoXzNSbXf89f+AFcZpkWvPDIdPnthaDWZTIgjIl2C4O/5i2MYzxjOK7GVDJE6LI0TMpAdAMr7jIIz9QaxLXw1PZRvHbeItURXkeVhstjlmYsx5h7kmumhOMYu7XTdX7+RrTklFrT5/Mtzx2F1p+oWsIXClhOsRKEOVDckYOeQc+9c3p3h60fwNBqNxJcTaibATLePO3mRtsyNpzwBxx375ya6C30H7NZXsKaneNNey+bLdMIvMB2qvA2bcYUD7tLBoXkeHP7HTUbsxCPylnIi8xUxjaPk29OMkE89a0hVVONoz6rv21+Rcaijon1IrmCLWfCMb6gpcvaiY7XZPm2Z7EevSqfhnw5pkeiaTeLBIJxbRSbvtEmN20Hpux+FbdjYLZaXFYtNLcpGnlh5gu4r0AO0AdOOlZkPhy6t7dLSDX7+OyjUJHEixBlUdF37M4A4z196mNX3ZQjOyv57a9iVL3eXmt95X8UXVw2qadpkdveT29wsss8dnIkckgTaAm5nXC/Nk4OTj0zVKO0nsr22m0Hw5qenuJkE6tNB5MkZOG3KJjyBkggZyPQmul1HSYNSt4kkeWKSBg8NxE+JImxjIJz24IOQe9VY9EvGmja+12+uI42DCJBHCGI/vFFBP0yAe4q6deMaairab3vr92j+ZUaiUEv8/8Ahip41tBJoy3ULNHeQzQiCXe2ELSoOVBAYexq3Z+G7a1uIruWe6uL5Tue5knbMnHIKg7Qv+yBgcVJrOiNrKCN9TvLWEFWMVuIsMysGBy6Mc5A744qxY2NxaM5uNUu74MBgXCxDb9NiL+uaz9q1QUVPv32dtNvXTYnnappJlyiiiuMwMXRf+Q74g/6+4//AERHSQ4/4Tq88rp/Z8XnY/vb32598Z/CkXw5NHd3dxb6/qcLXcnmSBFtyM4CjGYiRgAD8PWr2n6TBpttLHbPKZJiXluJG3ySNjG4k9T6DGBjGMV2TnBXad7pL8F/kbylHWz3SX5f5HOWmgJP4n1WyF1cRaZGIXa1SZ/3rMp6vnIX/ZGM9+OK3XisPD2iXGWmS0XJ2iR2Zd3G1OcjJPAHc8VWi8NTw3c91H4i1QTXAUSNstvm2jA48nA61pXunR6hpbWV1JIysF/eghXDKQQ4wMAggHpjPaqq1VOUbzvHS9r9ErvbfzHOfNJXemhxOqW7afpU2o2Xhu9sZ4QJI7x71WlXB6uPMJYeoJP0rpvELyTXOl6aJpIIL6dkmeNirMqozbAw5G7HUc4BqG98KSaraPbaxrl/cwsMBEEcQB7Mdq/MR6Hj2rQvNNtp9GNvqs0tykQ8w3DkJIpXkOCgXaR6gCtJ1oNxbd2r7Xe6037PXoU6kW1317/Lfsc54k8PWGn29idPeSySe/t4ZoYpmC3CtIMgjPXvkc4zXZRRLDCkUYIRFCqCScAe5rhpYNN1S+sI9Nvr3WLuO6ikEs7Fkto1cMxzgKCQMf3jn0zXd1GKclCMZNt67/1+ZNZu0U2FYml4/wCEq1zzP9dmDbnr5fl8Y9t2/wDHNbdZ2o6Ol9PFcw3E1leQgqlxARu2nqrBgQy+xH0xXNSkleMuqt+Kf6GUGtU+peeGJ5Y5ZI0aSPPlsVBK5HOD24rnLPTbfxJc313rIa5WK6kt4bZnIjhVDtztBwWOM5PYgCtG00Qx3yXuo30+oXMQIiaUKqRZ4JVVAGSOMnJ96bc6E5vpbzS9QuNOmnwZxGqOkpAwGKsDhsADIx05zWsJRhdRlr31/wCH+dvLYuLUdE/mVLFn0bV9Q023eWe1itFu4I5HLtESWBQMedp2ggHpz2rD02BNV0uC/wBU8OatqV1dRiU3IuIQBuGf3f78bFGeMAH15rr9M0mLTRM/my3NzcMGnuZyC8hHA6AAAdgAAKpjw9Nas66Pq11p9u7Fvs6pHIiEnJ2b1JXnt09BW8cRFOVnrprrrbfbXX8eupoqiTdvLXX9CTw5/aH9mSRapDcRmOVkhN06NK8XBUsUYjIyRnOTjPesa08L6TJ4s1SJoJCiW9uyj7TJwSZM87vYV0tjYfYbVovtdzcO7FmmuJN7kn04wPoAB7Vmp4anjvZrtPEWqCeZVSR9lt8wXO0Y8nH8R/Os4VrSm4y5b9rrqvUmM9ZWdr+vc1TY27af9iKt9n2eXt3tnb/vZz+Oa5fw74Y0qQagzwSEx6hMq/6RIMANx/FzXUyW8j2PkLeTRybQv2hQm/PrgqVyf93HtWVZ+HJrFnMGv6ntkmM0islsQ7E5P/LLIz7YqaVVxhJKdr+v6Exm1BpSt95rXdpDfWr21ypaJ8bgHKk856gg1j+FoVtk1S3iL+VDqDpGHcttG1DjJJPeta9tpbqEJBfXFkwbPmQLGWI9PnVhj8KzLLw5NYzySQ69qRE03nSoyW+JG4Bz+6yAQAOCKinJeylFy36a/wCQotcjTYzVEOqeIrfSZ5JEsxbNcyxxuUM53BQpI52jJJHfIzxSp4VtbTVLK70p5LJIJGaa3jkby5gUZRlc4yCc5q9qekR6i0MyzzWt1bkmG5gI3JnqMEEEHAyCCOBVe30Ob7XFcanqt1fNC26ONgscan1KoBuP+8SParjVtBKMraWa7/p9+3yRXP7ujtpsVfGenW0/h2/vZBILi2tJGidJXTaQCQcAgHn1rfj/ANUn+6Ky9X0OTV454ZNXvre2njMb28Kw7SCMHloy3P1qxYafcWbMZtVvL1SuAlwsIC+42RqfzzUSadFRctVfTXrbyJk04JX2/wCAclaf8Ts3F7q3h/U9UZriWOPbNCIolVyoVVMq4PHJIzn2xW34eivQt9Z3lnewWHH2UXkyPIFIIZNyOxwCOCTnnHarE2gut3NcaTqNxpzTtvmjjVHjdv721gcN7jGe+asWelyWsM4fUr24nnGDPKykpxxtQLsXGf7vPfNdFWvGcGla3Ra6fp80azqKS0/XT9PuOe8OeGbC+0l5dR8+7b7TOkXmzufIRZXUBOeOnXr79K1tDT+1/CNvHqTPPvUo7FyGfaxAJIwc8CrGl6KdK0+a0i1K7lEjO6ySiLdEzEklcIB1JPII/DipNG0oaNp4s0u7i6RWLK0+zcuTkj5VUYzk8+tRWr8/M+a+t1v57duhNSpzXd+uhz3hbwxpM2hxTSQSF/Pm5FzIOkzgcBvauwrEXw9cW7SR6frV3Z2skjSeSkcTbCxJbazKSASSec4zxWvbw/ZraOESSS7FA3ytuZvcnuazxNT2knPmvd7a6ff+hNWXNK97klYHikXLTaKLF4kn/tAbGmQso/cydQCD+tb9Zmq6KdVuLWX+0ry0Nq/mRrbiIjfgjcd6N2Yj09qzoSUal2+/5E02lK78/wAjIu01hfEWgnVLixlj+1SbRbQOjZ8iTqWc8VHrE0uoeKZrC506/v7K1t45Bb2ssaK7OW+Z90iFgNuAOR1z2rZ1HRG1C/tLo6neW5tG3RxwiLbuwVJO5CeQxHXFSajo6X1xHdwXM1lexKUW4gxkqedrBgQwz2I47YrqjXgnFu17W66O9+lvwNVUjdPy+7UxtJt7qy1yAabo2oafp8qstzFcTRNEhxlXQLIxByMEAYOc9qXxNpzya5pEthcyWd1c3LRSTqxb5PJckBSdueODjg881q2ekXEV2lzfaveXroDsjO2OMZGM7UA3f8CJqPUNAk1DUIro6zqEBgfzIY4lg2xsVKnG6Mk8E9SetCrL2vNzLZrrrvve7fzBVFz3v08ySw0Ky0mVriz+0GUxlZC9w7+aeuW3E5b39zXKaYg1rTYtR1bw5qmpXF0vmecJ4QiA9FjHnAqB06A9zzXbWVrLawlJ764vWLZEk6xhgPT5FUY/DNZzeH5beWRtI1W50+KVy7wIkckYYnJKhlO3J5wDj2pU6/K5c0tXbXX9Nf8AhghUte7176/8OL4a/tBLOeHUYLqJI5iLY3ciPK0WARuKswJByMk5IAzUWo+HJ77xXYawmsXVvFaLtazQ/JL1689888HoK09PsPsELq13c3ckjbnluZNxJ9gAFUewAFZuoeFLfUfFdjrsl5dRzWS7VhR8I3Xr+fPrxURqr2spc1rp9L9Oz79yVNc0ne10+hu1nwaNbW+v3Wrpv+03USROCRtAXOCPfn9BWhRXLGUoppPcxTaTS6nCfFImCHwteQnFzD4js1iI6kOSjj8VZq7uuX1rRLzXPHOiyXEQXR9HDXoYsD510QUQY6gIpZsnuy46GuoqV8Pzb/JfoJ/F8v8AN/qcP408Npr3jDw7OPGU+iTWM3mjToZgpvRuBxt3An7pGcNwSMV3FcPZeCJ7n4v6j4y1wRutvbx2ekRht3lptzJIfRizMB7Z9a7ihfCkD+IKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqtqMbS6dNElrHdmRdhglfarg8EE4PGPY1ZopNXVgODgSawvLlpJbu3t42WK6ubLM3k99jTTszlRu52IAM9ua6LWRt1XQOcgXjDJPX9zJS3Xh1Lma4AvriK0un33FogTbIcAHkjcAcDIB/LJq9qWmw6nZ+ROXTaweOSNtrxsOjKexFZRi1G3p/X+X4nNGm0pL7v6+65Q8Tf8e+njudRt8f99io/ElhcX01p5cP222j3GexFx5Rlzja3owHPykgc+1T2+hP9uhutT1K41F7ckwLKqIkZIxuwoGWwSMnpngCnahof23Uo9Qt7+6sruKIxK0O0qVJyQyspB6UOLad1u7/gvl0LknK7t2X4/wDBMvRLeytfEQWG0vtJla3YCxnYGKT5lJdNrsuRwCBg89KpFjrGrai+paJqOqRW9y0EMUUsQhjCgc7WlUljnOSOhGK6Ky0Z4L8X1/fz39yqGONpFVFjU4ztVQOTgcnJpLvRC9897p19Pp9xKAJjEqskuOAWVgRkDuMGlyOy+f8AX9dyPZvltbr5dvu/ruUvDsd7bahcwfYL600wxh4UvJY3Mb55VSrsdpGDg9OcVV1PSDL40to7K7nslurWZ7oxSMWkAaPhcnCHnqBnGcetbun6ZJZyvNc6jd30zjaTMyhVH+yigKPrjPvVOfw7NNqYvxrupRzKrIgRLfCKxBKjMR4+UdcnjrTcdI3V7f8ABG4Pk5bdV27l3TdGs9JMn2FZEWTG5GmZ1yO+GJ5Pc96vVDawyW9usctzLdOucyzBAzfXaqj8hU1arRaG0UktFYa6LJGyPyrAg4OOK5/R7KDTfFmo2tmJFh+yQPsaVnAYtICfmJ9BW9cRPPbvHHPJbswwJYgpZfcbgR+YNYy+Gp0vpLxfEOqCeVFjd9ltyqkkDHk4/iP51Er8yaX9akVE21ZDPGlv5/h/ckskEyXEPlyxOQUJkVc+h4J65FV9R0a00NLO+00Sx3Qu4Y5JmlZmmV3CsHyfmyD36HpWtqujf2tYx2smoXUCoyszwiPdIVIIJ3IR1APAH5Ump6KdUsre3l1G7i8l0kMkQi3SMpBBbKEdRngAfhUuPvOSXVEThzNu3TT11MjxPp8dx4j0XbdTWjXUrxSvFMymRBGx2DnAz6jn3p2qaTaeHraLUdGVrSaOeNGjSRitwGcKVZScE88HqDUHiyfSX1fSLPVp8rE7vIxJVk/dkK+V6HPQjHNa1noNqZoL2a8vNR8vD2/2qbcqZHDAAAE47nJqYxTk7d9/u/4P9XIcVKUklr+WhE0CQePYXi3g3FjK0g3sQxV4wDgnA4J6U2C1itPHb/Z96iexaWRTIzAt5g5wTgfhV/U9JN9cQXVteS2V3AGVJo1Vsq2MqQwII4B/Cqtl4aW01hdUbU764uzGY5TKyFZVzkDbt+UA9NuPfNVGLUo6bN/jf/M0lF3dlu0/yv8AkZ154e0258dR+dDI3m2Usj4nkGW8xBnhuOvQcV0dhp9tptuYLNGSMtuw0jPz9WJNV9S0k3t1Dd2t5NZXcKsiyxqrBlbBKsrAgjIB9eKfp+nzWjvJdaldX0jgD99tVV/3VUAD68n3p048ulu/53GopTbtv/kjnrvSXfVLu41LR5dbiklLQSwXS5hTGNgRmUKQQeVOTWv4XEC6OUtZ7mZUmkDC73ebEdxOxsknjOPcc1FF4cuLLzV0vW7y2illeVo2SOQKzMWO3cuRyenIrR0zTYtLtTDE8krO5kkllbLyOerE9PywKVOLi9un9f09fxJjBqfNb+vz+8uVkeI55ks7a2t5mtzeXSW7TIcNGpySQexIGAfU1r1W1Cwg1Oye1u1JjfByrYZSDkMCOhBGQa0km0bSTcWkcv4p8NWFj4T1K400yWc8ds5aUSsfNGOVfJO7I7nnPNdDeWUF/onk3SsyeWGwrspyBxyCDWdeeFG1Szez1fWb67tWUqI8Rp9CxVRuI6jPGeoNaD6XO2mR2a6veoy8G4VYfMcehzHtx9FB4rFwdpWW6/zMoxtO/LpbyMLw74dTUfDlhdazd3N3O9vGYmWZ4xANoxtAP3vVjkk+3FaHiCS1nmg057G71K42mQW8ExjUL03SHcq49Ac+wqxpehy6UlvFHrN/NbW6BEt5Vg2lQMAErGG4+tPv9He5vlvbK+msboR+UzxqriRM5AKsD0JOCMdTVyjdaL8iYQcadra6f1/kY2grJY+KjZx6bLpdvLZtKbdp1kRmV1G5QCdvDEHpnirC2MHiDXtSTVt00NjIkUNqXIQZQMXIHUktgE9Mcd6sW3hgW+rx6o2rahLeBDHI7tGVlTIO0rswoyP4dp96TXrbS4Jo7+8vptMnYeV9ot5CpcddrDBB79Rx2qLWgubpf89P6/4AKDUXdaXv02t/nqZ+l6VBa+PLqFLiaWK2s4pLeF52YW5ZnBHXkccZzj8q8P8AjL4y1Dwp8dbqbQ5xa3Vxocdg100bN9mDybzIoA5IAGMZ5PqK908MWdt/bt9f6as72kkMcf2q43FrmQMxZstyQAQM9Ow6V1GBuzgZxjNaUlaC+f5sqilZtdzyf4G6n4IGnXOj+DnvLq/RBcajfXluUkunJxuJPuThe3uSSfWaKK0NwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiqGrakdNhh8mA3NxcSiGCLftDMQTy3YAAnPPTpSbSV2JtJXZfoqjYz6rJMy6lY2tugXKvBdtLk+mDGuKi1LVLi2voLHTrRbq7nRpMSTeUiIpAJLbWPVgMAGlzJK4uZWuadFVbCW/ljf+0rSG2cNhRDcGUMPXJVcflTWmvhraQrbKbAwFmuNwyJNwwuM+mTnFO+wcytcuUUUUygooqnpk19PbSNqdsttKJnVEVg2UDfK3U9RzSvrYV9S5RRRTGFFFFABRVYX8R1U6fhvOEInJx8u0sV/PIqzQndXQroKKKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWR4inmWCztLeZrc3t0sDzIcMikEnB7EhcA9s1r1W1DT4NTsmtroNsYhgyNtZGByGUjoQec1Mk2iZJuLSMa98GafJZuumNLp90RxcxTPuPru5+YH3qTVY21PxBbaRNLJHZ/Z2uJUjcoZyGChSRztGckDrx2p7eH7q4Xyb/Xr64tuhiCxxFx6M6KGP4EVb1HR4dQWBllltbi2OYLiAgPHkYI5BBB7ggis+Xy07f1/TMuTR8sbbfmZV3p1v4cu7G50cNbpNdJbzWyuTHKrnGdpOAw65HYHNVNTlk1LxReWd3pl/qNnZpHst7aWNELMCSzhpFLegHI4Petq10Nlvo7zU9Qn1GaHPkiRURIiRgkKoHzY4yc+2Kk1DRlu7tLy1uprG8RdnnwbTuXrtZWBDD8MjsRScG189vl92+onTbTsrLt/Wn/DeZk6NBd2euIljpF/YabJG3nRXM0TRxuPusgWRiM8ggcdDSeJ9FsbvWNHmnidnmvQjkTOuVEUh6A4HQdK17LSp4LsXN7qt5eyKCFR9sca5/2EAyf97NRaloMmpXsVwdYv7fyJPMhjhWDbG20rkboyTwT1J603D3UrX1/UXs/3bjbf0/4YuafpdppcbpZRsiucsGkZ+f8AgRNc7eeHdMn8cQiWGQ+bZzSvi4kGW8xOeG46ngcV0llazWkTJPf3F6xOQ86xgj2+RVH6Vmy+HZpdT+3jXtSSZUaNNqW+ERiCVAMR7gdcnjrTlFNx02/yLnFOFlHt27mpZ2cFharb2qssS5wGcsefckmsOPT7fTfG1qLMSIJ7Sd5FMrsGIePBwSfU/nW5DbyRWYhe7mmkwR9ocIH+uFULx9KyW8NTvfR3jeIdUM8SNGj7LbhWIJGPJx/CPypyWqaWwTjeKSXbtpqWPEd1PaaOfssnkyzTRQCXGfL3uFLfUA/nVO68GabJZSpaGe2vGQhb1J380NjqWzlvoa1pNOjutKaw1CSS8R12u8u0M/v8oAB9wBWd/YF48fkTeIdQe1xjYBGrkehkC7vxGD71MoXbur3/AK/qwSV3dq5oyadFc6Wlle7pkCKrEOyliO+Qc/rWd4UjEOn3kKFjHFfTogZyxChuBk81fn09ms4bayvbiwWIAK0AjYkAYwfMVv8AGqVh4el06QtDrmoujzGaSN1t9rsTk5xECAfYj2q9fac1un6oHFpxstv8mZuuzzXniYabLY317ZQ2qztBaSonmMzEfOWdCVG3oMjJ57UadbXNlrVqdK0PUNOs5CVuo55oTDtwcMqrKxDA4HA5BOe1bmpaRHqEsVwk81pdwgiK5gI3AHqpBBDKcDgiorXSLlLuO4v9YvLsxnKRfJFHn1IQAt+JI9qzjBqV338v+H8iJU25t/5GVPotvqHjm6juZJzbGzjlkthMwjlcu4ywz2A6dPWrmjQJp3iDUdNtdy2iRQzRxFiwjZi4YLnoPlHHTrVuPRTHrz6r/aN2zyIIzARF5ewZIXhN3BJP3s06DR/I1y41P7fdSNOgRoHEflhRnaBhA3GT3785pwja2nf9f+APk97mt1MOTw5plx45nEsMhD2QlbFxIMsZDk8N+nSulsrG3062FvaIyRgkgM7N19ySaq6hpDXV7He2d7NY3SRmIyRqrB0znDKwI68g8GpdPsJbPzHudQub6STGWm2gLjsqqAB/P3p048qtbv8AncqMFGbdt+vyRdooorU2CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqvHqFlM0yxXcDmD/AFoWVT5f+9zx070AWKKzri6fUdFlm8O6jZeYR+6uWT7TECDzlVdc9x94f0rK8M+L7TUfDeiXGs6hp9tqepWkc32cSrGXZh/AjMWxn60AdNRRVG31zSby/extNUsp7uPO+3iuEaRcdcqDkUAXqKKKACiiigAooooAKKwvEN9eLJZWui6np1td/bITcR3cgDPBu+dVHJ3EdP51uMyopZyFVRkknAAo6XAWis+bxBo1sIDcatYxC4OITJcovm84+XJ559KtXN3bWcYku7iKBCcBpXCgn0yaAJqKovrmkx6kunSapZrfNjbbNcIJD/wHOasXF5bWgQ3dxFAHbavmOF3H0GepoAmoqCe+tLWSOO5uYYXlOI1kkClz7A9azPFPiW18LaM19cmJmDxqsLzCMvudUJGfTdnp2oA2qKqW2q6deS+VaX9rPJjOyKZWOPoDVugAorn/AA54gn8Q6prLQxxrpdjc/Y7eUA75pU/1zZzjaGIUcdVbnpUHifX9T0nxBoFlp8Vu8OpXBinMqEsoBX7uCMcFuuela0aUq0lGPVX/AAv+RcIOcnFef4bnT0VXv5rmCxklsoYppkGQkspjUjv8wVu3tWPZar4gv9Nt72HSdMWOeJZVDalJuAIyM/uOvNEaUpx5la3qkCg2ro6CiqGmarHfaHZajcbLb7XEkgRpOFLDO3Jxmp49Qs5btrWK7ge4T70KyAuv1HWpdOSbTWwnFosUVn63q8OiaTPezbGMaFljaQKXx2BqzFf2k8gSC6hkc9FSQE/kKPZy5ea2gcrtcnoqOe4htYTLczRwxr1eRgqj8TSW11b3kIltJ4p4ycB4nDD8xU8rtfoKztcloqM3MAuBAZoxMRkR7huP4UkV1BPJJHDPHI8Zw6o4JQ+hHajlYWZLRRTZC4jYxKrPg7QzYBPbJwcfkaQh1Fc7Yaxr+oJM0Ok6aohneBt+oyDLIcEj9x0q9pGpXd+1/Be20NtcWcwiPlTGVGyiuDkqp/i6Y7VvKhOF72081/maSpyje/Q1KKxdOu9TTxBPp2p3FrcKtsk6PBbtFglmXBBds/d9q1pJ4YWUTSpGXOFDMBuPoPWonTcZW3JlFp2JKKjkuYIpEjlmjR3+6rMAW+g70TzxW8e+eWOJegZ2CjP41FmKzJKKo6K162jW51SeC4uyp8yS2OY2OT06dsVZuLq3s4TLdzxwRjq8rhVH4mqlFqTitQad7EtFYqancv4ntreO4tbjT7u1lmiMUZ3KUMY+/uIYHeewraonBwtfqOUXEKKPpXO2es6/ffaTDpGn4t53gYHUXBZl64/c/wA8U4UpTTa6eaX5jjByV0dFRVHStUTU4JD5T288Ehingkxuicc444IIIII6gipW1KxW8Fo17bi5PSEyrvP/AAHOaTpyTcbaoXK07FmimSzRQJvnkSNc43OwA/Wol1Cze8Nol3A1yoyYRIC4/wCA5zUqLeqQrMsUUjMFUsxAAGST2qtbanYXjMtpfW07KcERTKxH5GhRbV0gs7XLVFQ3VxHbwM0k0cJIIRpWCjOOOtQ6SbptItTqM0M115Y82SA5Rm7lfanyvl5gtpcuUVmXmu2tnrFrYSyRAzrIzM0oHl7QpAI9936VfhuYLlS1vNHKAcEowbH5U3TlFJtaMbi0rskoqKO6t5ZWiinjeRfvIrgkfUUJdQSTNDHPG0q/eRXBYfUVPK+wrMlooopCCisW4u9Tl8Uf2fZT2sEEVsk8nm27SM+XYEAh1A4X0NbVXKDja/UqUeUKKqQ6rp9zM0Vvf20si/eRJlYjtyAafepeSW+3T54bebI+eaEyrj/dDL/OlytO0tBWd7PQsUVmeH7651DSfOvjE06zzRM0SFFbZIyAgEnGQvqavieEzmESoZQMmPcNwHrinKDjJxfQcotNrsSUVGtzA8zQpNG0q/eQMCw+opl1f2liFN7dQW4c4UzSBNx9s0uVt2SFZ3sT0VGtzA0oiWaMyFdwQOMkeuPSorrUbKxZRe3lvbF/uiaVU3fTJoUZN2SCzZZopqSJIu6NldfVTkVR1zUjpOjzXMaeZPxHBH/z0lY7UX8WIojFykordjjFydkaFFVbCKSy0qCO9uTPLFEBNPIcbmA5Y+lYh1261DULyPTdS0qzt7WQRBrlDK0zbQxIxIoC/NjvnBrSNFzbtsuo4wcr2OlorPvNQOlaHJd6g8Lywws7BD5ayMFJwuScZx71JZ6rZ3kULR3MG+VQwjEoJGRnFT7OVuZLQXK7X6FyiqOr6pFpFiZ5FaWRmEcMCfemkP3UX3P6DJ6Cqei6teS3Emm67FFb6nGvmgQkmOaM/wASE8nB+Uj156EU1Sm4Oa2HyS5eY2qKz9QTVZpo49NmtrWLaTJPLGZGz2CrkD8SfwqDSr29/tO70vU3hnmt445UnhQoHRywAK5OGBQ98HjpQqbcOZNegcvu3ua9FYviK81LTrdbyxntRAjxpJDLbszPukCkhw4A4P8AdNbVS4NRUu/9fqJxskwoprSxoyq7qrOcKCcFj7U6oJCiuYvdf1OD4kafocUVubC4tWnkdkPmAjd0OcdQvbvU+r+IJ9G8WaPZ3UcX9marvtknwQ0dyBuRSc42soYDjOR71rUpSp8t/tK6/H/IucHBXfa50FFFRyzxQlBNKkZkbagdgNx9B6msiCSiiigAooooAKKKKACiiigAooooAKKKKACiiqWs3z6bo1zeRqrPEmQHOFHufYdT7Ck3ZXYm7K7LtFY2nXl8msNp9/c295utxcLLBEY9nzYwRubg9QfY9adrGqX9heWMFhZW1z9rkMYaa5aLawUt0CNxhTz69qXMrX/re35k86s2+hr0VjazqupaYLVrewtJ0mkjhYyXbIVdzjoIzke/B9q1ZriK2gM13LHCij5ndwFH4mhSTv5D5k3YkoqC2vbW8QPZ3MNwp6NFIGH6UXV9a2MYe9uYbdCcBppAgJ/GndWuO6tcnopscsc0ayQusiMMqynII9jTVuYHmaJJo2kX7yBwSPqKYXRJRUUFzBdKWtpo5lU7SY3DAH04qWge4UUEhVJY4A5JPas6xnuLjVrxvtdrPY7Y/ISFgzo3O7dj14xSvrYTdjRopkk0UO3zZETcdq7mAyfQVFFf2c9y9vBdwSTx/fiSQFl+oHIoutguixRUbXEKzeU00Ykxu2FhnHrio7XULK9LCyu4Lgp94RSh9v1waLoLosUVGJ4WmaFZUMqjJQMNwH0oS5gllaKOaN5E+8isCV+op3C6JKKy5detIdcXTpJYVJgaVpGmA2kMBtI9ec/hWjDPFcJvglSVc43IwI/SkpJq6EpJtofRVa51KxspFS8vbe3d/urLKqlvpk1YV1ddyMGHqDmi6Y7q9haKKR3WNC8jBFUZLMcAUxi0VzK65ealeXX9nalpVpBbzGFBcoZXlIxluJFwMnA69K3ZEvW08LFPbx3m0ZlMJeMHv8u4HH/AqhS5ldERmpN2LNFZWg3t5dx3seovDJLa3TQb4YjGrAKpztLNjr61o+fD5/k+anm4z5e4bseuKpNNJ9xxkmrklFRi5gacwrNGZQMmMMNw/CqmsXEkOmzraXVtbXjxn7O1y4C7uxPtScklcd0X6KZBvNvH5rKz7RuK9Ccc4qK5v7OyKC8u4LcucKJZAu76Z61T0C6tcsUVk6RfXs+palaX0lvL9ldPLeGIx5Vl3cgs2frWtSTurijLmVwooqhd38cnm2mn6hZx36jISTEhX1ygZT09xSlJRV2NuxfoqhoV9LqXh+xvbkIJbiBJHCDCgkZOMk8VNb6lY3czRWt5bzyJ95I5VZl+oBp3QlJNJ9yzRTHnijkVJJEV3+6rMAW+lR21/Z3pcWd1BcFDhxFIG2n3x0ouh3RPRUc9xDawtLcyxwxr1eRgoH4mmW17a3iB7O5huFPRopAw/Si6vYLq9ieis3W7meOxaLTry0tr5ipj+0uAMbhnj6Z/GtKi9wvrYKKy18QWR1q4sHmgTyYUk8wzLyWLArj1G39a0Unikh82OVHjxnerAj86FJNXQlJPRD6KjiuYJ4y8E0ciL1ZHBA/KiG4guVJt5o5QDglGDY/KmO6JKKKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5xdeDdH1T4uXcdxaqtmNKgnnsolVIbuQzS4aYAfPjrg8E9QcCvR65c/DvQTfPe+ZrQuZECNMviC+DFQSQuRN0BJOOgzR9pP+tgfwtf1ubNpo+m6TFdHS7G3s/tHzyiCMIHYLgEgcZwAPwrhvA/g/QG+DtmJtKtp2vtNEtxJMgd5GKdSx544A9ABjGK7p9ItpNF/stpLz7PsEe8Xswmx/12DeZn33Z96pWfhDSNP8NtoNmL6LT2GAg1K4LoOPlWQyb0Xj7qsB145NTJNqSXX/AII4uzTOUvb65ufg94ZN3dyxxaiNPg1C6DlXEUm0OS3UbshS3bcTWv4o8K+GrTwXdsLCz0tNOt2mtrq2iWJ7R0UlXRgMggj8ehzmtmw8L6Rpvh06FBbPLphQxm2u55LkbCMbMyMx244C5wO1ZsPw80SKaEzPqV5b27h4LO81Gae3jI5U+WzEHHbdnHbFXP3nK2l3e/8AXbdeoo+7by/r8eps6DcXV54c0251GPy7ua1iknTGNrlAWGPrmr9FFEndtiirJI878c+F7rWPEAuYPB8esr5Kr9pbxLcWJGCfl8tFI49e+aytD8FXtnr1jcP4Bis1inVzcDxhdT+UAfveWy4fH908GvWaKUfdG9QooooA4v4h6TpzafZ6i1ham+XVdPAujCvmgfaoxjfjPTjrXZSRpLG0cqK6OCrKwyGB6giue1TwHoms3Dy6i+rSl5VmMa61eJGrqQylUWUKuCARgDBHFX7Hw7ZadY3Npbz6k8dyMO1xqlzO44x8jvIWT/gJHrSXw2/rZf5B1uch8OfCHh//AIRe8lk0i0me7v7xJTNEH+RbiRQgB+6gA4UYHU9zWdd28F7+zdfC+iS4+y6ddCFplDmPy/MVCCehAAAPWu60jwnpWhaZc6fpn26O3uSxkD6jcSMC2SxVncshJJOVIOTnrzXPeKdCtfDfwu1fRvDun6ndC9gmiht45Jrxld0Pd2YquffGTnvSl8LXkVH4k/MtaT4Y8GXHgKHbZWF1pc9sJpLuZVZpcrlpXkPO7qSxOQfTFc9qCf2p8BIbvVoxdzQxq9tcXKBpNgmAjkyeQzR7ST15rc0nwj4U16Nr+XwzNat5uZbe9hkgSR+CXMJOxsnuVOTXXX2n2upabPYX0CTWtxGYpImHDKRgitJbtmcNkmcp8TrSxk8LRXV1b273EV9aLBNIil0JuY8hSeRn2o+KWmWF74KmmvbK3uJIZrcRvNErlAZ4wcEjjI61JL8MfDl3EI9VGpamI8GA3up3EjW5BBBjO/KNwPmHze9dHdaTZX2jvpV7Cbmzki8l45nZy64xyxO4n3znPOc1PT5ldSKy8O6Jplx9o03R7C0mwR5kFqkbYPbIGavybvKbZ97Bx9a5218C6XBdQzz3erX32dw8MV7qk80cbA5B2FsMR2LAmukoaurAtGcN8GcH4S6OT/rczefnr5vnPvz77s1191p1re3NrcXMQeWzkMkDZI2MVKk+/B71keG/D8/h7VNZjikjbSr26+2W0YJ3wyP/AK5cYxtLDcOerMMcV0NVzO/MtP61X6ArpuxFd/8AHlP/ANc2/lXLeGNI1EWmgXz6rJPax2QzbuiqF3RrjG1RnH+0a6e8s4r+1e3uDKI3+95UzxN/30pBH51mxeFNNghSKGTUo40UKiJqt0AoHQAeZwK6aVWEKbi3q/JPo138zaE4qFn+RR8Ty2mteBbieNN0RI2My4ZCJApI9D15pde0mw03Qrd7C0ht3tbq3MLogDLmVVPPXkEg+uTmtKXw3pk2jx6W8c4s4zlY0upVJOc8sGy3JzyTzUl5odlqGnxWV39oeCIqVAu5VYkdCWDbmweeSeRmrjXhDlim7KTfy0899ClUirJN2uyh42tLe48I373FvFK0ULFGdAxQ+oz0rTt9I020mE1rp9rDKBw8cCqw/ECppLSCaxaznTzYHj8tlkJbcuMYJPJ+prNi8MWKSIZJr64SMho4p72V0Ujp8pbBx75rONROlyOTVm/xt5+RCknDlbMnUUvLzxxLF/Z9lfra2scltFeXJjVdxYM6qI3DHgDPbj1qzZaZqcXiKC+Gm6dp0TKyXQtbtn88Y+XK+Uo3A985wSK2NR0i01TyzdI4lhJMU0UjRyR564ZSCM9x0PeoLPw/ZWl2t2WuLq5QEJLdXDylM8HaGOF/ACtfrEPZ22drdf8AO3ntuaOpFxt5W/rX9DM8UaVbXusaJkGCWa7ZJJ4MJKyeTJld/UA4x/LFbVnoumafIj2Nhb27xxmNWijCnaSDjI68iq974c0/ULwXV0b0yq25Cl/PGEOMZVVcBeCRwB1PrVyysYtPhMUD3DqW3Ez3EkzZ+rsTj26VnOsnSjBSei+X5kSneKSb0LNFFNkQSRsjFgGBBKsVP4Ecj6iuQxONsdI1C/W7e01WSKJNZeRrYooQqk4ZvmC7uQDxnH4V2lZNl4a07TpxLaG9Vt5kKtqE7qzHqSrOQc+4rSnhW4geGQuFcbSY5GRh9GUgj6g11YirGpLTb0S/Lc2qzU5abehkx/8AI93P/YNi/wDRj1H4vghk0WOWSKN5Iru3KOyglMzJnB7VIPCemC4M4fUfOKhDJ/atzuKg5Az5nTJPFaM+n211prWFyjS27J5bK7sxI/3ic5985zzVe1pxqQnFvS3Tt8x88VNSXkZHi2C2NrYzyxRGddQtVjkZRuH75cgHr61tXNpbXsQjvLeK4QHIWVAwB9cGsh/B2kzgG9+2XjoQY5J7yVniIIIKHdlTkDkYPvWjeaXb36xrPJdqIhhfIvJYSfqUYbunfNTKdPljFSel+nptqJyjZJN6f13KHg5VTwvbqihVWSYAAYAHmvUMNtb6j4w1A6lGkz2aRC1ilG4IjLkuAe5bIz/s4q5YeG9P0ySNrI3qCMkrG2oTumTnOUZyp6k8jrU2o6LaalLHNN5sVxECqT28rRSKD1G5SMj2ORVSqw9rOSb96+ttVd37/IbnHnk11/zMNLGxsfiXbCxCwvLp08ksEfCg74wH2jgE4wT3211dY8PhXSoLuK7SO4+1Rkn7QbuXzHzjIdt3zj5R8pyOOlbFRXqRny2bdlbX1ZNSSk1YKxfDfTVf+wlN/MVtdaxF8I6UgkCHUFWRi7qNTucOT1JHmc5qacoKMozb1t0v+qFFx5WmZWoXVwg8WX+knLRW0cSyJ/z1RWLke4DL+Ix2ot9IuH0dLaLwzoc1rIgO46i7GTPO8t5GST13ZzXVWtnb2NolrZwpDBGMLGgwAKyz4V09SVt5b62gYkm3t72WOPnrhVb5R7DArpjiYWttt36JLo12/E2VWNrf1tbujN1exuU+GN5ba15U9zDayfMH8zGM7TuIBLAY5wOc1Jr2j6fpvhNmsbSKGS1MckUqr86uHHzbupJ7nvk5rWn8P6bcaOultA8dkv8AyyhmeLPXIJUgkHJznr3p11odle6WunXX2iS2Ug4+1yhmx/ecNub8Se3pSjiYprV25m36aef9dxKqlbXq3/WpD4ktI9R0pbJ7iKF55kEazLuSVlO/YwyMghTkelY91a/Z73TZ9b0OxiWG6QQ3dhLkxux2qGUop2kkDgntW/e6JYajYwWl7FJNFbsHiLTPvVgCA2/O4nk8k579agg8N2UN1FcTS3l28LbohdXTyrGfUKTjPueaVKtCEOVt9fx7NP8AO/zFGpFRtfv/AFuX7uytb2IJe20NwinIWWMOAfXmszweAPB2mADAEAwBV6+0u31FkNxJdpsBA+z3ksGc+uxhn8ar6f4d0/SnjNkbxFiGEje/neMD/cZyv6Vipw9i4Nu977adfPz7Ec0eTlv/AF95n6tpenz+MtJaextpGliuDIXhU7yAmM5HOK3bWxtLFWWytYbdWOWEUYQE/hUWo6VbapHGLnzFeFt8UsMjRvGcYyGUg9OMdDUdholrp9wbhHuZ7hl2GW5uHlYL1wNxIA47AU5VFOmouT0VrfNvuEpKUUm9jM+zWug+LjdCGGKDVlKtKEA2TqM9fRlH5p6mn+GrKCee71/7NHHLqL5hIjAYQj7p+rcuf94elUvFV2NWtRpJ0nUZYXuUE8otWIVFbcSp75xgEf3s11iKqRqqKFVQAABjArarKUaSb+KWnyW36fd5lzbUFfd/p/X4eYtFFFcBzmLH/wAj3c/9g2L/ANGPVjxBbxXmhXFpNdC1FyBCsjdNzEAAjjIJwMd81XubXU4fFP2+yt7ae3ltkgk824MbJh2JIARs8N6itDUdNtNWsmtNQh86BmVim4jkHI5BB6iupySnCd9NNrX08v8AM2bSmpX7fkjl9SsTa2cD63oWm/ZLWaOQXOnybXhKsMMEZBgZxkBicZ612VY6eGLETRtPNe3SRMHjiubySRFI5B2k847ZzV6+06DUVRbh7lAhyPs91LAT9SjDP4061SE+VXfX+rN/5BOUZWX9fmZ/hT/kDS/9ft1/6Peo7uCGPx1pkyRRrLJaXIeQKAzYMWMnvViy8Nadp0qvaNfJtcuEOo3DIWJySVLkHJJJyKs6lpNtqixfaDLHJCxaKaCVo3QkYOGHqOo6U3Vp+2c03Z36d7+Y3OPtG1s7/iZjwW0PxBtWgiijmk0+dpSigM37yLBOOvfrTNFtLS+1PV59Qhjnv0u2hYTKGMUQx5agHopX5uOpJq5a+F9Ls7+O+ijmN4gINw9zIzyA4yHJb5hwODkDsBUHiC00t54p77Srq7mKlRJZxuWCj+FihBxz0PHWrVSMmoRb2tfrvfvt8yuZS91X/r5mf4WsdMg8VeIP7OjiKwSxIhUA+SSmWRT2Gc8DgdKm/s2c6rqF/psGl6qlzLiQXTFJI2UBDGHCtwCvTAwSateGdPa2kvrpbH+zoLhkW3tSAGREXGWA4BJJOPz5qV/C2nieaa1kvLN55Gkm+zXciCRickkZxn3q6laKqyvJ7Jd9kr317roOVRc7u+wzwqlpBY3VvZ2RsHiun8+23BljkIDHaRxtwwI+vQUyT/iceL0j62ujjzH9GuHX5R/wFCT/AMDHpWtYadbaZa/Z7KPYm4sSzFmZj1ZmJJYn1JqHR9MGlWJhaXz5pJHmmmK7TI7HJOO3oB2AArCVWPNOot3t893/AE+vkZuavKS3f67/ANeZdkjSWNo5UV0YYZWGQR6EVzOhaJpT3mtB9Ms2CagVXNuh2jyozgccda6SeFbiB4ZC4VxgmORkYfRlII+oNZMXhTTIHdoX1FGkfe5XVLkb2wBk/vOTgAc+lTRqRhGSbav2/wCHQoSSi1dknie1t7nwvqAuII5RHaysgdA20hDgjPQ0aTo+mQ2NnPDp1okoiRhIsChgdo5zitV0WSNkdQysMEEZBFYq+E9OVREZL5rZeFtWvZfKA9Nu7kexyKIVF7PklJrXp/w6BSXJyt2NeS3hlmilliR5ISTG7KCUJGDg9uOKHt4ZZoppIkeWHPluygsmRg4PbIqQDAwKK57szuyK4hW5t5IGeRA64LROUYfQjkVgaHaDRPEl5pkc0l0lxCLszTtvmU7tu136sP7ueRgitO/0Ky1C5F0/nQXQXZ59tM0TlfQlSNw9jmpNO0m00tZPsquZJiGlmlkaSSQjpuZiSfYdB2rojUjGm43evS3X7zRSSg1fcpeLv+Rck/67wf8Ao5K2qxfEdpqeo262Vjb2zQO8byTS3BVk2yBiAoQ54HqK2qmVlSivN/oJ/Al6/oc74i0DQ9V1nSbrWLowXVtLm1j+0BPNbIOMHk8gdOa6KsnVvDGla3qFle6jbmWexbdCwcrg5B5A68gGtaipUUqcI8zdr6PZa9AnK8Yq+xVfTrWTVItReIG6hiaJJMnhWIJGOnYVx3xd/wCRU07yv+Pr+27D7Njr5nnr0/Dd+td3XPax4en1rxZo15dSRf2ZpRe5WHJLyXJG1GIxjaqliOc5I9Kxu2436Nfg7/15kNtxfo1+h0Nee/EPRPBPiTxV4a0/xXqNxBqsUxm062t5GDTcjIICnjKjng8HnrXoVcpb+Ckb4n3njHUZkuJRaJZ6fFt/49k5LnPdmJPPYfWkviTE/hZ1dFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQ3i3D2rpaGFZWGAZkLIPXIBGeO2RU1FJq6sBwSWIsPtspt/M021lxd/Y5BZKWABYrFGuXAB53yc4OAe/Ra3tj1LQW+7Gt6Vz2GYXAH58VYuPD1hdXj3EqzfvGDyxLO6xysMYLIDg9B25wM5q5e2VvqNo9reRCWF+qnj3BBHIIPcdKyjBqNvT8P687HPGk1zL7jM8TMPK02PPzvqMG1e5w2T+gJ/Cma7Yf2hqlkbd7OW6tVeQWl4CUdTgb+OhB6HB6mrNl4fs7K8W63XNzOilY5Lq4eUxg9Qu4nH16mn6hoVjqV1HdTrMl1EhSOeCd43QE5IBUim4u3zv+C/yKlGUrtrt+D/AOCZWnQx23itHvtIgsL+a2dY5bSUPHMoKlgflUhhx1HTPNUrOO/vNe1a4Ok6dfTxXJhVru7ZGijABVVXymABBzkHnNdFYaHaafctco089yy7DPczNKwXrtG48D2GKL7Q7O/uRcsZre5C7fPtpmicr6EqfmHsc1PJKy8r/j8v6uT7OTXzv+FuxR0LTb+x1W6kls7Ows50DfZrW5aRRKDywBjULkdcdSKp6todlf8AjWySSPy0ltJnuFiAT7Rh4/lcjkj27/StzT9Fs9NleaBZZJ5BteeeZpZGHpuYkgew4qvN4X02e8N3I1/5/wAwDrqVwu0E5IGH4HA4HHApuDtFW2/4PkDptw5bdf19C7aaZY2EjvZWkNuzqFbyowuQOnT0zVqobW1js7dYIWlZFzgzTPK34sxJP4mpq2N4qyEZVdSrgMrDBBGQRWBplpbWXjLUo7O3it0NnbkrEgUE7pOcCty4gS6t3hkMiq4wTFI0bfgykEfgayR4T0xZ2mV9RErqFaQapc7mAzgE+Z0GT+dZyT5k10/4JE4t2sQ+NbSG78Nsk6Bv9IgCsOGXMqgkHqDg9RUet6XY6dY6fJYWkNu9ve26xPEgUqGkCsMj1BIPrWrqGi2eqWsdtei4eKMgqEupUJIxgkqwLYwDznnmkvtEstRtILa7+0PHAQybbuVGyOhLKwLEYzkk880nB3bXdfgROm5Nuy1VvzMLxdZaZPr+gHUkjVJrl43YgDzP3Z2ox7qTjg8GrPiOysrG2tLqxght9QjuYktTCgVmywBTjqpXOR0wM9qj8RmNtV02CbS7y+tYd5m22zSqVaMqAT3Oa09N0HSrORLy0svLmKfK0rMzxg9huJ2/QYqIxvKVu/8Al/X9aw480pJJalaSCGLx9ayxxIkkthNvdVAL4ePGT3pscFtB8QD9niijkfT2eXYoBYmQcnHX8a0tS0i21QxPOZopYSTHNBK0brnqMjsfSq9n4Y0uwv1vreKYXYBDTtcyM0gP9/LfP/wLOO2KtRakuyb/ABv/AJlyhJt2W7T+63+RQudJ06bx1D52n2snmWErvuhU7m8xOTxyeetb9taW1nF5dnbxQR5zsiQKM+uBVfUdIttTaKSYzRTQ5Ec0ErRuoPUZB5BwODxxRp+j2umu8kJnlmkADy3E7ysQO2WJwPYYFOEXHS3f87lKLU20t/8AJIxE0ycXt9eadbaVq0N3MzMblikikfKU3bWBAIIAwMVf8KraQ6TJb2Vo1kIbiRZbZmBETltxAI4K88e1B8K6ekkjWkl7Z+a7SSLbXkiK7E5JIzjPPUYrSsbC2020W2so/LiUk4ySSSckknkk+p5qacHF69iYwalf1/EsU2WKOeJopo1kjYYZHXII9xTqjuLdLq3eGUyKrjBMUjRt+DKQR+BrV7G5znh3RdLf+0i+m2bFNRlCkwKdoBGAOK6eseDwtpts5aBtQQs/mNjU7nDN3JHmYP41oXtjFfwiKd50UNuzBcSQt/30jA49qiCcYJW2SMoRcU9F1/P0M3w9/r9Z/wCwi/8A6AlM1OCFfF+izrEgmYzK0gUbiPL4Galt/C+m2kxkt2v0YyeY3/EyuCHb1YGTB6DrVzUtLttUhRLnzFaJ98csUhR42xjIYcjgkUuWXJFdVb8BcsnFp97/AI3Mu8gtovHWlyRRRJPJb3BkZVAZwNmMnqas+J7G0uvD9/Jc2sMzx2spRpIwxT5T0J6Ulv4V0u3vYr0JcPeRnIuXupDI3sx3fMvH3Tx7VPqGhWeqMxvGuyGTYyRXs0SMPQqjgH8qmUJOm46a3HGMldtLX+uxY03/AJBNp/1wT/0EVi+HrGzv7a6vr63iuL2a5ljnaVAxQK5UR89AFA498961LDRrTTH3Wr3Z+XYFmvZpVA9ldiB+VRXXh6yurt7lWubWaXHmta3Lxebjj5gpAJ9+vvWk05S5rdyVCSjFPoZfhS2tbPXfENtYNmCO4iCoDkR/uwSg9AD27dK6iszT/D2m6XdNcafA8DsoVgs8mxvcpu2k/wC0Rn3rTognGKTKpRcY2fd/i7mV4nuJrbw1eS27tGwQAyL1jUkBmH0BJ/CoLzQNEj8PyRfZYILeKIusyABoyBneH6575zW26LIjI6hlYYKkZBFYy+E9LXEZFy9spyto91I0K/8AACcY9ug9KipByvbqhyi+a9rnOu85+HvhqCFUlhufIinWWYxK6lCQrMFYgMwUdOc471ev9H1S6sxHa6Do9lPD81tcQ3zBoGHQjEA49R0I4rdttB0610p9NjgZ7NhgwzyvKAPQbycDjoOBVb/hFNPcbJ5b64gHS3mvZXjx6FS3zD2ORScJNt9/67GCoyUUvK39aFTxTptvqMmhx38KSFr1VcjuPLclc9dpxyO9S6hZW1jr+hyWVvFbu0zwsYkC7k8pjtOOoyoP4VoX+hWOpyQPdC4BtzmIQ3UsQQ+uEYDOCRn0pb3RrPULq3uLoTmW2O6Ix3MkYU+uFYAnBI57HFVyO7dut/yNJU223bt+BR12w/tDVLI272ct1aq8gtLwEo6nA38dCD0OD1NVtOhjtvFaPfaRBYX81s6xy2koeOZQVLA/KpDDjqOmea1dQ0Kx1K6jup1mS6iQpHPBO8boCckAqRRYaHaafctco089yy7DPczNKwXrtG48D2GKSg+a4Sg3K68ih4zsbSbw3e3E1rDJPHF8krRgsvPY9RXQDoKy9Q8O2GqPIb03jrIMPGt/OkZH+4rhf0qxY6Xb6czm3kun3gA/aLyWbH03scfhVRTUmyuWSm3YxYdG0yTxtqCyadaOPscD4aBTyXlyenU4roIrS2htvs8NvFHBgjykQBcHrx0qrqGi2uoXCXDvcQXCLsE1tM0TFc52nB5GfWnWenWukQzPbrPIzDdI8krzSSYHqxJPsKUY8qs13/MIxcZOyMG0mtPCkGqac1vGI4gbi1REA89HOAnuQ52/QrWv4d0aPRdJSERRJcSEy3BjQKGkY5PTsM4HsKyJ5k1zxXpbzaTfxwWYeRZZrVlBkPABPYDGee+30rrKVJaX+S9P6/K/Uimk5abLb5/1oFFFFbHQFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXB6r481vQfEkdjqmg2BssLNcXVrqbyNbQNKsSyOjQKOS2cBuitzxybtLuHS53lFFFABRRRQAUUUUAFFVdQvIrOzd5bqC2ZgVjedwq7scdareHG1FvDdg2t3NrdagYV+0T2hzFI/crwOPwoA06KqT6rp1qs7XV/awrbgGYyTKoiz03ZPH41Ja3trfWi3Vlcw3Fuwys0MgdCPYjigCeis+fX9HtbMXdzq1jDbM2wTSXKKhb03E4z7VaS7tpLQXSXETW5XeJg4KFfXd0x70ATUVB9vtPsf2v7VB9m6+d5g2dcfe6daPttr9j+1/aYfs2M+d5g2Y9d3SgCeiue8P+NNK1zSUvGu7S1d5ZY/Ja6Qn5JGQHt1256d66GgAorn9Z8QT2virRtB0yOKW6vi89wZASILaMfM3BHzFmVR2ySecVZ8Vald6P4Wv9R09I3uLaLzFWUEqQCM5AI7Z71dODqSUV1dioxcpKC3f6mvRWfoN7caj4dsL28VFnuLdJXWMEKCwzgZJ9azrfWNfury9t4dJ00NZyiNy2oyDJKBhj9z6MKtUZuUoq3u76r06jUG726HQ0Vl6Tqd3eXN9bajaw201m6KfJnMqsGXdnJRfX0q1LqmnwpG819bRrIcIzzKAx9BzzUypzjLlt+vmJxknYtUU15EjjMjuqoBksTgAfWszTfEVjqFs8rXFvCVnli2mdTnY5Xd+OM/jSVOUk5JaAotq6NWijPGe1VrfUrG7maK0vbeeRPvJFKrFfqAalRbV0KzLNFRzTw26b7iVIlzjc7BRn8aa93bRyRJJcRK83+rVnAL/AE9aLNhZk1FFFIQUVg67rOraVNELPTLW8SeQRQqbxkkdtpY/L5ZAACn+LtWtp97FqWm297b/AOruI1kXPYEZxWsqU4wU3sy3CUUpPqWKKjW5geZokmjaROWQOCV+opILmC6QtbTRzKp2kxuGAPpxWdmTZktFVpNSsYrsWst7bpcN0haVQ5/DOas0OLW4Wa3Ciqsep2Et0bWK9tnuB1hWVS/5ZzVqhxa3BprcKKKKQgorF8OXep6jam9vp7UwyM6xww27IybXK8sXOeB6CrGu6xFoulzXLmNpVX93E8gXexIA/DJGTWzoy9p7NavYvkfPyLc0qKxtNn1Se6Tz9U0m6ixmSK1gYOv0bzW7+qipZdfs4ddXTZJYVJgaVpGmA2kMo2kevzZ/Ch0Zc3LHUOR3stTUopkM8Vwm+CVJVzjcjAj9KwNS1++XUJU0WzW9t9POb9gTuP8A0zj9XAO4j6DqeFTpSqSsgjCUnZHRUVBb3sF3YJeWj+fBJH5iNHzuGM8ViGTxMbE6kZLOEhPNGnPCc7cZ2tLu4bHfbgHsetEaTk2m7eoRg5HRUVWs7tdQ0uC7tvlW4hWSPeM43DIyPxqho95qL6tqNhqc1tObVYmSSCBos7w2QQXb+760lTdpeX+dhKLab7GxRRTUlSTd5bq+07W2nOD6GsyR1FV9Qlmg025ltQrTxwu0YcZBYAkZ9s1keCtavPEPhO11PUUhjmnL/LCpCgBiB1J9K1VKTpur0TS++/8AkXyPk5+l7G/RXP2HiGd/G+p+HdSjijkjhS8sXjBHnQH5Wzk/eVwQcdmWugrLpcjrYKKj8+L7R5Hmp5xXcI9w3Y9cdcVJQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVS1m+fTdGubyNVZ4kyA5wo9z7DqfYUm7K7E3ZXZdorG068vk1htPv7m3vN1uLhZYIjHs+bGCNzcHqD7HrTtY1S/sLyxgsLK2uftchjDTXLRbWClugRuMKefXtS5la/8AW9vzJ51Zt9DXorG1nVdS0wWrW9haTpNJHCxku2Qq7nHQRnI9+D7VqzXEVtAZruWOFFHzO7gKPxNCknfyHzJuxJRUFte2t4gezuYbhT0aKQMP0our61sYw97cw26E4DTSBAT+NO6tcd1a5PRTY5Y5o1khdZEYZVlOQR7GmrcwPM0STRtIv3kDgkfUUwuiSiooLmC6UtbTRzKp2kxuGAPpxUtA9wooJCqSxwBySe1Z1jPcXGrXjfa7Wex2x+QkLBnRud27HrxilfWwm7GjRTJJoodvmyIm47V3MBk+gqKK/s57l7eC7gknj+/EkgLL9QORRdbBdFiio2uIVm8ppoxJjdsLDOPXFR2uoWV6WFldwXBT7wilD7frg0XQXRYoqMTwtM0KyoZVGSgYbgPpQlzBLK0Uc0byJ95FYEr9RTuF0SUVly69aQ64unSSwqTA0rSNMBtIYDaR685/CtGGeK4TfBKkq5xuRgR+lJSTV0JSTbQ+iq1zqVjZSKl5e29u7/dWWVVLfTJqwrq67kYMPUHNF0x3V7C0UUZx1pjCiq0GpWNzcNBbXtvNMv3o45VZh9QDU0s0UEe+eRI06bnYAfrSurXFdMfRUL3ltH5XmXES+ccR7nA3/T1p800VvC0txIkUa8s7sFA/E0XQXQ+ioba8tr2LzLO4iuI843xOGH5ii5vLayj8y8uIrdP70rhR+ZourXC6tcmoqOCeG5hWW2lSaNvuvGwYH8RUlMe4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAHSvLbM654hHiPUIPDdtqWna6zW0E0upCEm1jBjXC+W2ATvcHP8AHXpWoWMOp2EtndGYQzLtcwTvC+PZ0IYfgRVLRPDWneHtLOnaULtLXaFWOa+nm8tQMAIZHYoAOgUgCk1e9x3taxR8B6ld6j4Rtk1UbdTsS1lfLuziaM7Sc99wAYezCujrF0PwlpXh27urnTPtwluyDO1zqNxc+YwAG4iV2G7AAz1wAOlbVU3d3JStocz470ibWdCit7fRF1llnDm3bVZLDbwfm8yMEnr93pz7V57/AMIFf/8ARNof/C3u/wD4ivaKKmxVyhoVs1noFjbSWos2ihVTbi5a48rA+75jcvj1PWr9FFU3d3JSsrFTUdL0/VbcRapY217Gh3KlxCsgU46gMDzWD8M1C/DPQ1UAKLUAADpya1tX8P2ettE17NqMZiBCiz1O4tQc+oikXd+OapaL4J0bw/JA2lNqcaW4KxwyavdywqCMY8p5Snf0pLqNmC3hnRtQ+NN7d3unQTSQ6TbyqHQFTIZZl8wr0ZgBgMckDOKv6DZ21h8RPEljZQRwWktpaXDwRqFQyMZlZto4yQig+uBWrD4T0qDxLJr8f27+0JF2u7ajcNGV5wvlF9m0biQNuATkYNOg8NaZYa/d6/At6b+4j2zE308iuoyQoiLlBjJwAvGTjGTSWiSfmD1ba8v0OK8A6B4Yfxf4w22dpLfWmqGNbd41ItYjGhHlp0UMd2SByRz0rW0Kw0+18e+INH0q3h/shrSGW7s1QGCK5dnDAL0BZApZfoe/ONoGlaV4h1zVF17wxqsM9xqM1xa3k1rLbFYiiDHmqQRkqflzzXoek6Np2hWAstHs4rS3DFikS43MerE9ST3J5NNaRjfsvy/r5g95W7/r/XyOa8A6fYz+AXsrm0t5LMX96pt5IlMYUXUmBtIxgYFHw6s7K++GNjbS29vcWbtMBEyK8bL57446EdKt3Xw+0O7vLiWX7eLe6kMtxYx38yW0rn7xaJWCnPUjoT1BzWpoPh7TfDOnmw0WGS3tN5dYWnkkWMnqEDsdi/7K4A9KOmoPfQ5T4eeFvD83g+CabQtMklF3dDe9nGW4uZAOcdgAPwrvq5mbwDpMt1NJDcarZxXEjSzWtnqc8ELuxyx2ow25PJ24ycnvW/ZWVvp1jDZ2UQit4ECRoCTtA+vNHQOpxdh/yXzWPtH3/wCwbb7Pn+550m/H/Atv6V2t5aQahYz2l2nmQTxmORckZUjBGRWJrPh+e58V6Nr+mSRR3VkXt7lZCQJ7WT7y5APzKyqw+hHGa6GnFuKVt1f82/1C7UuZeX5JfoMghjtreOCBdkcShEUdgBgCuPuNJ1DVb/xNFp+qyWZeZEEQRNrHyI+S20sPwNdnWKvhTTEllkjfUUeZt0jLqlyC5xjJxJzwAPwrpw9ZU3KUnq/JPqn19DalNQu3+VzRS8glv57DkywxJJICOCrlgP8A0E1z3hXQtLFvqEpsYHeS+uUO9AwVBKwCgHovsOOTW1Z6HZWD3D2/2kyXCBJJJbuWVyozgBnYkY3HpjrRp+h2WlwzxWX2lUnJL77uWQ5OSSCzEqSSSSMHNP2sIQlGDetvw36/cHPGMXGLfQpeGIY5vDP2WZFlgSeeFY5BuGxZnVVwewAA/CqnhnRNKl0udpNMs3YX10oLW6EgCdwB07CtvTNJtNHt2hsRMsbuXIluJJfmJySC7HGTzx3OaqzeGrKW4lljmvbYTMXljtruSJHY9ThSME9yMZqnWi5TtJpN3/Pz8yvaJuSTau7/AJlPxk0/2GwtoY43gubxIp0kmMSOhViEZgrEAsFHTnOO9U9Q0bVbqzCWug6NZXEPzW1zDfMGgYdCMQDj1HQjiuk/suy/sv8As5rZGtNuwxP8wI988nnnPWs//hFNPcbLiW+uIB0t572V48ehUt8w9jkVVLEQhFLs/PX/AMmQ4VIpJdv67lnW7aK68P3S3sEU22B2w6hgGCnkZ/nWZ4f8NaX/AMI/aSXdsl7PPbxNJPcqHc/KCAD/AAgdgMYrZ1DS7bU7dYLrzxEMjbBcyQ5GMYOxhkex4qGw0Cy02RHtHvQI12okl/PIgGMY2M5X9OKzjWUaTgpNO9/61IU7U+VNmlRRQeRXIYnL3lxqF14waTTrCO9h0yHyjvuPKCzSAMf4TkhNv/fRqbwtJc209/pd9brayRym5hiWTeBFIScA4HRw/bgYrQ07QbHSZ5ZrL7SHlJMglvJpVYnGW2uxGeBzjNC6DYrrA1MfajdjIDNeTFQD1XYW249sYrulWpODppaWVnbW6+du/wB50SqQcXH7v6v6mNq2h2V/42so5I/Ljls53uFiAT7Rh4vlcjkjnp3+mRWlqVnFpGhandaHZwwXYtG2eTGF3FVO3gdcZpZvC+mz3pu5Gv8Az/mAddSuF2hjkgYk4GQOBxwK0rW1js7ZYImlZFzgzTPK3XPLMST+JqZ104wSbduj23v3CVRe7re3Q5PTtMuJdDiji8OaJdW88YdpZNQZ2nyM72YwZJPXNaVvJcaH4PI1uNbl4yYlhjk83erPtjjLMBuOGVSSPc1O3haw3t9nlvbSN2LNDa3kkUZJ64VT8ufbFW10bT10ltMW1QWbAhosnnJyTnrnPOc5zzV1K9Ofpe/X9WxyqRdvX+upyPiCy1Cz8MzzNpGiWMcIWSMQSMHgYEYKkIBuz6Y+td5WFL4P0q6jMeofa79MYVbq7kkCe65bg/7XX3rYtrdLW3SCIyMiDAMsrSN+LMST+JqK9WE4JR3TfTvbzfYmpOMopL+vxJaKKK4zAxfCP/Iswf8AXSb/ANGvUHjWytbjw5NLcW0MsiNGEd4wxUGRc4J6VP4ctNT061Nlf29ssMbO0c0VwXZ9zluVKDHB9TVnVNDstYAF/wDaWUADZHdyxKcHIyqMATnua7XOMMV7RvS99NevqdHMo1ua/XoT2umWFk5eysre3dhgtFEqEj04FYdxpOmzePIvO0+1k8ywld90Knc3mJyeOTz1rZsdKt9Od2t5Lty4wftF7NMPwDsQPwpNR0e21N4pJjNFPDkRzW8rRuoPUZB5BwODxwKiFVRm3zOzVr9fz/UiM7N6ssW1pbWUXlWdvFbx5zsiQKM+uBToLeG2jKW0SRIWLlUUAFick8dySTVXT9HtdNeSSEzyTSAB5bid5WYDoMsTgewwKvVhN6uzuQ99GRwW8NrEY7eJIY9xbaihRknJPHqSTWFLLJ4pke2tGZNGUlZ7lTg3frHGf7nYt36Dua3Lq2ivbSa1uV3wzIY5FyRlSMEZHIrLTwppscIiSTUljVdoQardAAemPM6VtSnCN5Sb5uml/nutS4SitXv/AF+JroixxqkahUUAKoGAB6Vj6d/yOGt/9crb+T1qW9tHY2MdtZxhY4IwkSFjwAMAZOT+PNZmjWmorq2o3+pwW9ubpYlSOCcy42Bskkqv970pQsozd+n6oUbKMv66o2a53wroGh6JNqLaFdm4aebNwDcCTy2Gfl46dT15roqyND8MaV4dkun0m3MLXbh5cuWzjOAM9ByfzpU6ijTnHmavbTo9ev6BGVoSV97f0zWIDKQRkEYIqvp2nWuk6fDY2EXlW8K7UTJOB16nmrNFY8ztboRd2scH4j3f8Lr8GfZ/9Z9j1Dz8f88tseM+2/bXeVz1h4enXxxqXiLUpInd4Es7BIyT5MA+Zicj7zOTnHZV5roaS+FL+t2xdWeewaJ4J1L44T6xbajcTeKtPtgs9okjeXEpUKGYbcZ2sON2Oema9CrlPBHgpPCsmsX11Mt3qus30l1dXKrjgsdkYz/Cqn8ya6uhfCkD+JsKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKhvFuHtXS0MKysMAzIWQeuQCM8dsipqKTV1YDgksRYfbZTb+ZptrLi7+xyCyUsACxWKNcuADzvk5wcA9+i1vbHqWgt92Nb0rnsMwuAPz4qxceHrC6vHuJVm/eMHliWd1jlYYwWQHB6DtzgZzVy9srfUbR7W8iEsL9VPHuCCOQQe46VlGDUben4f152OeNJrmX3GZ4mYeVpsefnfUYNq9zhsn9AT+FM12w/tDVLI272ct1aq8gtLwEo6nA38dCD0OD1NWbLw/Z2V4t1uubmdFKxyXVw8pjB6hdxOPr1NP1DQrHUrqO6nWZLqJCkc8E7xugJyQCpFNxdvnf8F/kVKMpXbXb8H/wTK06GO28Vo99pEFhfzWzrHLaSh45lBUsD8qkMOOo6Z5qlZx395r2rXB0nTr6eK5MKtd3bI0UYAKqq+UwAIOcg85rorDQ7TT7lrlGnnuWXYZ7mZpWC9do3HgewxRfaHZ39yLljNb3IXb59tM0TlfQlT8w9jmp5JWXlf8AH5f1cn2cmvnf8LdijoWm39jqt1JLZ2dhZzoG+zWty0iiUHlgDGoXI646kVT1bQ7K/wDGtkkkflpLaTPcLEAn2jDx/K5HJHt3+lbmn6LZ6bK80CyyTyDa888zSyMPTcxJA9hxVebwvps94buRr/z/AJgHXUrhdoJyQMPwOBwOOBTcHaKtt/wfIHTbhy26/r6F200yxsJHeytIbdnUK3lRhcgdOnpmrVQ2trHZ26wQtKyLnBmmeVvxZiSfxNTVsbxVkIyq6lXAZWGCCMgisDTLS2svGWpR2dvFbobO3JWJAoJ3Sc4FblxAl1bvDIZFVxgmKRo2/BlII/A1kjwnpiztMr6iJXUK0g1S53MBnAJ8zoMn86zknzJrp/wSJxbtYh8a2kN34bZJ0Df6RAFYcMuZVBIPUHB6io9b0ux06x0+SwtIbd7e9t1ieJApUNIFYZHqCQfWtXUNFs9UtY7a9Fw8UZBUJdSoSRjBJVgWxgHnPPNJfaJZajaQW139oeOAhk23cqNkdCWVgWIxnJJ55pODu2u6/AidNybdlqrfmYXi6y0yfX9AOpJGqTXLxuxAHmfuztRj3UnHB4NWfEdlZWNtaXVjBDb6hHcxJamFArNlgCnHVSucjpgZ7VH4jMbarpsE2l3l9aw7zNttmlUq0ZUAnuc1p6boOlWciXlpZeXMU+VpWZnjB7DcTt+gxURjeUrd/wDL+v61hx5pSSS1K0kEMXj61ljiRJJbCbe6qAXw8eMnvTY4LaD4gH7PFFHI+ns8uxQCxMg5OOv41palpFtqhieczRSwkmOaCVo3XPUZHY+lV7PwxpdhfrfW8UwuwCGna5kZpAf7+W+f/gWcdsVai1Jdk3+N/wDMuUJNuy3af3W/yKFzpOnTeOofO0+1k8ywld90Knc3mJyeOTz1rftrS2s4vLs7eKCPOdkSBRn1wKr6jpFtqbRSTGaKaHIjmglaN1B6jIPIOBweOKNP0e1013khM8s0gAeW4neViB2yxOB7DApwi46W7/ncpRam2lv/AJJGImmTi9vrzTrbStWhu5mZjcsUkUj5Sm7awIBBAGBir/hVbSHSZLeytGshDcSLLbMwIictuIBHBXnj2oPhXT0kka0kvbPzXaSRba8kRXYnJJGcZ56jFaVjYW2m2i21lH5cSknGSSSTkkk8kn1PNTTg4vXsTGDUr+v4lis7XbuK10thNaC9+0OsCWzY2ysxwFOeMeue1aNV76wt9StGtrxC8bEHhipUg5BBHIIPcVpJNqyNpXs7HIavaX9nb2Ms2naNaLHe24RrV2EkeZFBC/IM5BIPTjNddqFtBd2Esd1DHMm0nbIgYZx1wazJPCGlXAH277XeOpBSS4vJWaIg5BQ7vlOR1GDWhc6Vb3dlHazPdCKPABju5Uc8Y5dWDN+JNZckuSUe5jThKMm3/W/kYHhXw3pj+F7KW9t1vZri1j3yXKhyF2jCL/dUdgPr15purpdXXjOK2FhaX0MFmJYILu5MSb9xDOAI3DEDaOemfetmw8PWGmPEbNr1VhG1I3v53jAxjGxnK4/CrGo6VaapGi3aNujbdHLG7I8Z9VZSCKqUG0raf1/TJjRap8vXT+tjFt9L1Rdftb5NM03TlBK3LW14zmZMHAK+UoJBwQSeOfWpL931HW5IdO0mwuZ7JQsl3fHGwsN2xcKSeCCeg571dtfDtlbXaXUjXN3PH/q3u7l5fL7ZUE4B9wM0690C0vbtrrzLq2mdQsj2ty8XmAdN20849etLkla39fkPklZ+f9djL8MrNB4h1q3nhtLcqIHMVm5Me4hstggYJAGfoK6esqw8N6Xpd4bqwgkhmZcOVuJMSdeXUthjyeSCfetWrgmo2ZpTi4xswoooqzQKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKbJIkMbSSusaKMszHAA9Sagg1OxuYpJba9t5o4hmR45VYIPcg8UAWaKr2uoWd9u+xXcFzs+95Mofb9cGrFABRRRQAUUUUAFFVdQvIrOzd5bqC2ZgVjedwq7scdareHG1FvDdg2t3NrdagYV+0T2hzFI/crwOPwoA06KqT6rp1qs7XV/awrbgGYyTKoiz03ZPH41Ja3trfWi3Vlcw3Fuwys0MgdCPYjigCeis+fX9HtbMXdzq1jDbM2wTSXKKhb03E4z7VaS7tpLQXSXETW5XeJg4KFfXd0x70ATUVB9vtPsf2v7VB9m6+d5g2dcfe6daPttr9j+1/aYfs2M+d5g2Y9d3SgCeiue8P+NNK1zSUvGu7S1d5ZY/Ja6Qn5JGQHt1256d66GgAorn9Z8QT2virRtB0yOKW6vi89wZASILaMfM3BHzFmVR2ySecVZ8Vald6P4Wv9R09I3uLaLzFWUEqQCM5AI7Z71dODqSUV1dioxcpKC3f6mvRWfoN7caj4dsL28VFnuLdJXWMEKCwzgZJ9azrfWNfury9t4dJ00NZyiNy2oyDJKBhj9z6MKtUZuUoq3u76r06jUG726HQ0Vl6Tqd3eXN9bajaw201m6KfJnMqsGXdnJRfX0q1LqmnwpG819bRrIcIzzKAx9BzzUypzjLlt+vmJxknYtUU15EjjMjuqoBksTgAfWszTfEVjqFs8rXFvCVnli2mdTnY5Xd+OM/jSVOUk5JaAotq6NWijPGe1VrfUrG7maK0vbeeRPvJFKrFfqAalRbV0KzLNFRzTw26b7iVIlzjc7BRn8aa93bRyRJJcRK83+rVnAL/T1os2FmTUUUUhBRUMd5bTSmKK5heQdUVwSPwoS8tpJjDHcwvKM5RZAW49qrll2HZk1FVrrUbKyZVvby3t2f7ollVC30yasAhlBUgg8gjvScWldhZi0ViC71S28TW1nd3FpPa3UczqI7Zo3j2bcAsXYH73oOlbdVOHJbW9xyjYKKrDUrFrw2i3tubkdYRKu8f8BzmrNS01uJprcKKqw6pp9xK8UF9bSyR/fRJlJX6gHipp54rePfPLHEvQM7BRn8abjJOzQWd7ElFUdFa9bRrc6pPBcXZU+ZJbHMbHJ6dO2Kj1LW7bTb2xtpnj3XUxjO6UL5Y2M24j0+XH41Xs5ObhHW1/wHyttpGlRUUF1b3Ofs08Uu3r5bhsflQl1BJM0KTxtKv3kDgsPwqOV9hWZLRUS3UDzmFZ42lXrGHG4fhUtDTW4goorG1O71L+3rPTtMntbcTW8szvPbtL9xkAAAdcffPr0qoQc5WKjHmdjZoprusUZeVlVVGWYnAFc2mu3mpXd1/Z2paTZ28ExgQXKGV5SMZbiRQBngdemaqnSlUu1shxg5K501FZup6p/YugTX180TzQQNIUVvLErKucLnOM496swajZ3BVYbqB3YZCLICfyqfZy5ea2guV2v0LNFFY1vdz6h4quEhlZbHTo/KkA6SzvhiD/urj8X9qIwcrvsCjdN9jZoqG6vLWxi8y9uYbePON8sgQZ+pp0FzBcxh7aaOZCMho2DAj6ip5Xa9tBWdrklFYuvXep6c1vc2k9r9la4ghkhkt2ZzvkCEhw4A4b+6elbVVKDUVLuNxskwoprSojqjOqs/3VJ5b6U6oJCiuYg1/UpPiVc6C8VuLCOzFyrhD5hyQMZzjqT27VP4q8QT+Gv7NvXjibTJLxLa+dgd0KyfKkgOcYDlQcjo2e1a1KUqbipdUn9+xc4OG/a/6nQUUUyaeK3j8y4lSJMgbnYKOfc1kQPooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqlrN8+m6Nc3kaqzxJkBzhR7n2HU+wpN2V2Juyuy7RWNp15fJrDaff3NvebrcXCywRGPZ82MEbm4PUH2PWnaxql/YXljBYWVtc/a5DGGmuWi2sFLdAjcYU8+valzK1/63t+ZPOrNvoa9FY2s6rqWmC1a3sLSdJpI4WMl2yFXc46CM5HvwfatWa4itoDNdyxwoo+Z3cBR+JoUk7+Q+ZN2JKKgtr21vED2dzDcKejRSBh+lF1fWtjGHvbmG3QnAaaQICfxp3VrjurXJ6KbHLHNGskLrIjDKspyCPY01bmB5miSaNpF+8gcEj6imF0SUVFBcwXSlraaOZVO0mNwwB9OKloHuFFBIVSWOAOST2rOsZ7i41a8b7Xaz2O2PyEhYM6Nzu3Y9eMUr62E3Y0aKZJNFDt82RE3Hau5gMn0FRRX9nPcvbwXcEk8f34kkBZfqByKLrYLosUVG1xCs3lNNGJMbthYZx64qO11CyvSwsruC4KfeEUofb9cGi6C6LFFRieFpmhWVDKoyUDDcB9KEuYJZWijmjeRPvIrAlfqKdwuiSisuXXrSHXF06SWFSYGlaRpgNpDAbSPXnP4VowzxXCb4JUlXONyMCP0pKSauhKSbaH0VWudSsbKRUvL23t3f7qyyqpb6ZNWFdXXcjBh6g5oumO6vYWiio5riC2UNcTRxAnALsFz+dMZJRUL3ltHCsr3ESxt91y4AP0NPWaN4fNSRGjxneGBGPrSuhXQ+iq9rqNlfMwsry3uCn3hFKr7frg02/S+eEf2bc29vIDlmntzKCPQAOuPrmhuyuF7q6LVFZ2gX02paBaXl0EE00e5/LUhc57Ak/zq5cXVvZwmW7njgjHV5XCqPxNF1a4oyTjzEtFRwXEN1CsttNHNG3R42DKfxFMur60sUD3t1DbKxwDNIEB/Oi6Q7q1yeimRTRTKGhkSRSAQUYEEHvVCa5nk1y0js7y0+zqJBdQlwZCcfLtHsc56UN2E5JK5pUU13SNC8jKiqMlmOAKzNN8Q2OoW7ytPBCVmkiCmZTnY5XP44z+NHMr2ByS0Zq0UyWeKCPfPKkaf3nYAfmaRrmBIBM80axHo5cBT+NO47okopqSJLGHjZXRhkMpyDTqBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEc8EV1bvBcxJNDIpV45FDKwPUEHqK87086R4Bi8VaTPp1sttEh1C2iSFR9qglJHk4x8xEpZAD2dB3r0isrVfDOka3qFje6paefcae++3fzHXadytyFIDDcinDZGVB6ilbX8B3KHgbwrb+FvDcEItLaG/nHnXskESpvlYlmHA+6CxAHYAV0lFFU3dkpWOZ8d6RNrOhRW9voi6yyzhzbtqslht4PzeZGCT1+7059q89/4QK/8A+ibQ/wDhb3f/AMRXtFFTYq5Q0K2az0CxtpLUWbRQqptxctceVgfd8xuXx6nrV+iiqbu7kpWVipqOl6fqtuItUsba9jQ7lS4hWQKcdQGB5rB+GahfhnoaqAFFqAAB05Na2r+H7PW2ia9m1GMxAhRZ6ncWoOfURSLu/HNUtF8E6N4fkgbSm1ONLcFY4ZNXu5YVBGMeU8pTv6Ul1GzBbwzo2ofGm9u73ToJpIdJt5VDoCpkMsy+YV6MwAwGOSBnFX9Bs7aw+IniSxsoI4LSW0tLh4I1CoZGMys20cZIRQfXArVh8J6VB4lk1+P7d/aEi7XdtRuGjK84Xyi+zaNxIG3AJyMGnQeGtMsNfu9fgW9N/cR7Zib6eRXUZIURFygxk4AXjJxjJpLRJPzB6tteX6HFeAdA8MP4v8YbbO0lvrTVDGtu8akWsRjQjy06KGO7JA5I56VraFYafa+PfEGj6Vbw/wBkNaQy3dmqAwRXLs4YBegLIFLL9D35xtA0rSvEOuaouveGNVhnuNRmuLW8mtZbYrEUQY81SCMlT8uea9D0nRtO0KwFlo9nFaW4YsUiXG5j1YnqSe5PJprSMb9l+X9fMHvK3f8AX+vkc14B0+xn8AvZXNpbyWYv71TbyRKYwoupMDaRjAwKPh1Z2V98MbG2lt7e4s3aYCJkV42Xz3xx0I6Vbuvh9od3eXEsv28W91IZbixjv5ktpXP3i0SsFOepHQnqDmtTQfD2m+GdPNhosMlvaby6wtPJIsZPUIHY7F/2VwB6UdNQe+hynw88LeH5vB8E02haZJKLu6G97OMtxcyAc47AAfhXfVzM3gHSZbqaSG41WziuJGlmtbPU54IXdjljtRhtyeTtxk5Pet+ysrfTrGGzsohFbwIEjQEnaB9eaOgdTi7D/kvmsfaPv/2DbfZ8/wBzzpN+P+Bbf0rtby0g1CxntLtPMgnjMci5IypGCMisTWfD89z4r0bX9MkijurIvb3KyEgT2sn3lyAfmVlVh9COM10NOLcUrbq/5t/qF2pcy8vyS/QZBDHbW8cEC7I4lCIo7ADAFcfcaTqGq3/iaLT9Vksy8yIIgibWPkR8ltpYfga7OsVfCmmJLLJG+oo8zbpGXVLkFzjGTiTngAfhXTh6ypuUpPV+SfVPr6G1Kahdv8rmil5BLfz2HJlhiSSQEcFXLAf+gmue8K6FpYt9QlNjA7yX1yh3oGCoJWAUA9F9hxya2rPQ7Kwe4e3+0mS4QJJJLdyyuVGcAM7EjG49MdaNP0Oy0uGeKy+0qk5JffdyyHJySQWYlSSSSRg5p+1hCEowb1t+G/X7g54xi4xb6FLwxDHN4Z+yzIssCTzwrHINw2LM6quD2AAH4VU8M6JpUulztJplm7C+ulBa3QkATuAOnYVt6ZpNpo9u0NiJljdy5EtxJL8xOSQXY4yeeO5zVWbw1ZS3Essc17bCZi8sdtdyRI7HqcKRgnuRjNU60XKdpNJu/wCfn5le0Tckm1d3/Mp+Mmn+w2FtDHG8FzeJFOkkxiR0KsQjMFYgFgo6c5x3qnqGjardWYS10HRrK4h+a2uYb5g0DDoRiAceo6EcV0n9l2X9l/2c1sjWm3YYn+YEe+eTzznrWf8A8Ipp7jZcS31xAOlvPeyvHj0KlvmHsciqpYiEIpdn56/+TIcKkUku39dyzrdtFdeH7pb2CKbbA7YdQwDBTyM/zrM8P+GtL/4R+0ku7ZL2ee3iaSe5UO5+UEAH+EDsBjFbOoaXbanbrBdeeIhkbYLmSHIxjB2MMj2PFQ2GgWWmyI9o96BGu1Ekv55EAxjGxnK/pxWcayjScFJp3v8A1qQp2p8qbNKiiiuQxOb+w2eieMo7mK1gii1OMxl1jA2TKCRz23LnPug9aXw1p9pPcXevpaQo97KTbssYBEK8Kc4/i5bPfcK2NS0y01eya01CIyQsQ2A7IQQcghlII/A1YhijghSGFAkcahUUdFA4ArrliL07a8z0fov6X3eZtKpePm9/l/X4eZxPh+HUbuxlvH0TSr25uJZBcTXN6wk3BiNhHkttC4wFzjit7w3p97psd3DdQ29tbNKHtra3naVYQR8yglFwM8gY4yamuvDtlc3clzG91aTS/wCte0uHi8z3YKcE++M+9WLDSbPTIZEtI2UzHMsjyM8khxjJdiWJ/GtK2IhUi7demv8An92n3F1KkZJ26/13KV//AMjjo/8A1wuf/adP8VXEtt4aupIJGhPyK8qHBjQuA7g9sKSc9sUxvCemPMkzvqLSxghHOq3O5QeoB8zjOB+VacFnDBZi1HmSRYKkTytKWB6gs5JP4ms3Uppwau+XuvNvuyOaKcWun+ZnTeHNDGjm2axtorZE3B1UKUxzvD9Q3fdnPesiS5nv/CGgLqMjiO/lhju5Pul0KkgH03kKD/vY71pjwjpYAiP2prQHIs2u5DAPbYTjH+z09q1rqzt72ze1u4UlgkXa0bDgiq9vGLWrlrfXp6avXr8kV7RLq2ZereGNF1DSmtri0gt4oxlZY0VDDjuDjj/CtS4tLW+hCXcENzHncFlQOM+vNZY8KacxUXMl5dwqQVgurySWMY6ZUnDf8CzV6+0y31ARid7pBHnb9nu5YOvr5bDPTvWcpp2XO2lf5empDktFd/18yh4OVU8L26ooVVkmAAGAB5r1X8R6dZXGtaE9xZ28ryXpR2eJWLL5EpwSRyMgcVesPDen6ZJG1kb1BGSVjbUJ3TJznKM5U9SeR1q3qGm22qWwhu1YhWDoyOUZGHRlYEEH6VbrRVd1It2d/XW/mVzr2jknvf8AEda6fZWO77FaQW2/73kxKm764FYs1rbaL4uj1FYIki1MeRNIEAKTDlTn/aGQfcLV+y0G0s7pbnzbu5nUELJc3Ly7QeuATgfUCsfxXenUNPl0lNL1GVZZkSWVLViqIGBLKe544x3INOjeVXlTbT0f9X6bjp+9K19HuWvD9nb3upXniEW8Stdt5ds4QAmFcjdn1c5OfTbXQ1HbxxxW0ccKeXGiBUTGNoA4GKkrnq1Oed/u9OhjOXM7hWLc/wDI8af/ANeFx/6HDW1WLqlrqQ16z1DTLe2uBFbywyJPcGLG9kIIIRs/cNVQtz/J/kyqe7NeWKOeJop41kjcYZHXIYe4Nc14c0XS3XUS+m2bFNRnVSYFO0BuAOK6O4t1urZoZTIquMExStGw+jKQR+BrLt/CumWrlrdtQQl/MYDU7nDN1JI8zBz3z1qqVSMYSi21ft/w6HGSUGrsZ4ytbe48H6obiCOUxWkrRl0DbDsPIz0NXbPR9MtvKmt9OtIpVUYkjgVWHHqBVyWKOeF4ZkWSORSrowyGB4INZCeFdPXary30sKY2W8t7K0a46Dbu5Hsc0QqL2fI5Na/n80CkuTlb7/oXNZ1JdJ0i4vChkaNcRxjrI5OFUe5YgfjTNC01tK0eG3lfzLhsy3En/PSVjudvzJ/DFOv9MGoX1jNLLiGzkM3k7eJHxhST/s5Jx64Par9Q5JU1FddX+n+fzJbXKor+v6/U53UtOkuvEZvLD+z7y4t4FiktbzP7rJLBlYA7Se/BzgelHh+K3ttd1GNtMj02/ljikmSCQPFIuWCupAXnOQcgHpV288OWF3fvfA3FvdyKFee2uHjZgOgODgj6ip9O0i00vzWtxI8sxBlmmlaSR8dMsxJwOw6Ct3Wh7Llu9kv172t8rmsqicLehT8Vf8gmD/r/ALT/ANHpW1WLr1rqeoNb2tpb2xthcQTSTyXBV12SByAgQg8L/eHWtqsZaUorzf6GcvgSOd1vQND1HxPpV/qd2Yr+2P8AosX2gJ5pBz908nB9PxroqyNR8L6Vq2s2eqX1uZLuyIMLhyAMHIyB1wea16KtRShBczdl16a9AnLmS1vZFVdNtF1Z9SEQ+1vCIGkyeUBJAx06muY+LXlf8Kj8S+fjb9gfb/v/AMP47sV2Nc94s8Pz+Jhpti0kS6Wl4lzfoxO6ZY/mSMDGMFwpOT0XHesJ3mrN+Xp/wxKk0+Z9P0NfS/O/sez+1f6/yE8zP97aM/rXG/FjTfB2t6DYaT471KaxguLxTafZ3IkklAICgBWzw2Oneu8rlNX8FJrvxE0jxDqUyS2mjW7/AGS0K9LhzzIT04UDA9ee1OXvS12v/wAEiK5Y2XRf8A6WztYrKxgtbcMIoI1jQMSTtUYGSevAqaiihtt3YJWVkFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQ3i3D2rpaGFZWGAZkLIPXIBGeO2RU1FJq6sBwSWIsPtspt/M021lxd/Y5BZKWABYrFGuXAB53yc4OAe/Ra3tj1LQW+7Gt6Vz2GYXAH58VYuPD1hdXj3EqzfvGDyxLO6xysMYLIDg9B25wM5q5e2VvqNo9reRCWF+qnj3BBHIIPcdKyjBqNvT8P687HPGk1zL7jM8TMPK02PPzvqMG1e5w2T+gJ/Cma7Yf2hqlkbd7OW6tVeQWl4CUdTgb+OhB6HB6mrNl4fs7K8W63XNzOilY5Lq4eUxg9Qu4nH16mn6hoVjqV1HdTrMl1EhSOeCd43QE5IBUim4u3zv+C/yKlGUrtrt+D/AOCZWnQx23itHvtIgsL+a2dY5bSUPHMoKlgflUhhx1HTPNUrOO/vNe1a4Ok6dfTxXJhVru7ZGijABVVXymABBzkHnNdFYaHaafctco089yy7DPczNKwXrtG48D2GKL7Q7O/uRcsZre5C7fPtpmicr6EqfmHsc1PJKy8r/j8v6uT7OTXzv+FuxR0LTb+x1W6kls7Ows50DfZrW5aRRKDywBjULkdcdSKp6todlf8AjWySSPy0ltJnuFiAT7Rh4/lcjkj27/StzT9Fs9NleaBZZJ5BteeeZpZGHpuYkgew4qvN4X02e8N3I1/5/wAwDrqVwu0E5IGH4HA4HHApuDtFW2/4PkDptw5bdf19C7aaZY2EjvZWkNuzqFbyowuQOnT0zVqobW1js7dYIWlZFzgzTPK34sxJP4mpq2N4qyEZVdSrgMrDBBGQRWBplpbWXjLUo7O3it0NnbkrEgUE7pOcCty4gS6t3hkMiq4wTFI0bfgykEfgayR4T0xZ2mV9RErqFaQapc7mAzgE+Z0GT+dZyT5k10/4JE4t2sQ+NbSG78Nsk6Bv9IgCsOGXMqgkHqDg9RUet6XY6dY6fJYWkNu9ve26xPEgUqGkCsMj1BIPrWrqGi2eqWsdtei4eKMgqEupUJIxgkqwLYwDznnmkvtEstRtILa7+0PHAQybbuVGyOhLKwLEYzkk880nB3bXdfgROm5Nuy1VvzMLxdZaZPr+gHUkjVJrl43YgDzP3Z2ox7qTjg8GrPiOysrG2tLqxght9QjuYktTCgVmywBTjqpXOR0wM9qj8RmNtV02CbS7y+tYd5m22zSqVaMqAT3Oa09N0HSrORLy0svLmKfK0rMzxg9huJ2/QYqIxvKVu/8Al/X9aw480pJJalaSCGLx9ayxxIkkthNvdVAL4ePGT3pscFtB8QD9niijkfT2eXYoBYmQcnHX8a0tS0i21QxPOZopYSTHNBK0brnqMjsfSq9n4Y0uwv1vreKYXYBDTtcyM0gP9/LfP/wLOO2KtRakuyb/ABv/AJlyhJt2W7T+63+RQudJ06bx1D52n2snmWErvuhU7m8xOTxyeetb9taW1nF5dnbxQR5zsiQKM+uBVfUdIttTaKSYzRTQ5Ec0ErRuoPUZB5BwODxxRp+j2umu8kJnlmkADy3E7ysQO2WJwPYYFOEXHS3f87lKLU20t/8AJIxE0ycXt9eadbaVq0N3MzMblikikfKU3bWBAIIAwMVf8KraQ6TJb2Vo1kIbiRZbZmBETltxAI4K88e1B8K6ekkjWkl7Z+a7SSLbXkiK7E5JIzjPPUYrSsbC2020W2so/LiUk4ySSSckknkk+p5qacHF69iYwalf1/EsVna5o1trmlTWlzHGxZT5bugYxt2YZ960aK0lFSVmbNJqzONuGtte0HS9INpAktxIY54hGMW4jP77A7cjaD/tirHieBkm0bTbSytXsZZnD20kpgikYLlUJVW4zk7cYJFbtvo9ja6ncahBBsurgYkfexz06AnAzgZwBnHNTXtjbajatbXsKyxNglT2I6EHqCPUc1m4Nx13Zh7J2afp8v8Ag9TmrvSdXuHt5bbRdIsLm3kVo7mG+bcqg/MuBCMqRkYziurb7p+lY6+F7AupuZb28RCGWK6vJJEBHT5ScH8c1dvtLt9RZDcSXSbAQPs95LDn67GGfxpqMlF/1+hUIyi2/wCvyKXhH/kUtP8A+uX9TVeC2t9S8X6idSjSeSzWNbWKUbgiMuS4B7lsjP8As4q7p/h2w0t4zZG8RYwQkb387xgf7jOV/SpdR0W01KWOaYSxXEQISe3laKRQeo3KRkex4p8rsvIShLkUX0M0W0Gm+M7aPTUWEXlvK91DGMKdpXbIQOAckjPf8KNEtLa/vdTvb+KOe8W7kg/eqGMUan5VGegIw3vurT07R7TTDI9usjzTY82eaRpJHx0yzEnA9OgqK90CzvLs3Qa4tblgFeW1naIuB0DbThvx6UlFqz9fx/r8fkHI97db2+Vv+D/VxNN0XTtJ1O9l09Uhe7CNJAmAq4yNwUdM5P41S1GxtLfxXos8FrDFNJNNvkSMBn/dN1I61qafpFlpayfZI28yU5lmkkaSSQ/7TsST+fFU5PCmmSzJLI+otJGSUY6pc5QkYOP3nHHpQ4uySQ3B8tklv+voa0sMc8TRTxrJGwwyOoII9wa5vwzomlSabO0mmWbsL25ALW6kgCZgB0robS0jsrcQwtMyKSQZpnlb/vpySfzrOm8NWUtxLLHLe2wmbfLHbXckSOx6nCkYJ7kYzTlF8ylbp/kOUW7OxZ1jSbbWdImsLlFKSLhSVB2N2Ye4Nc7PcJrPh600NreFLueQ21xEEGIBH/rHA7cY2n/bWuidoNE01Et7WeSGM7Vjt0aRue/qfrWP4dRbvxFquqTadc2k0xWOPz4CmY1GM5Pcnr7BamSTnbvv8v6t/wAMRUWq7vT5f1sdFb28NpbxwW0axRRqFREGAoqSiitjdJJWQUUUUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAoooJABJOAOpNABRVOy1nTNSmeLTtRtLuSP76QTq5X6gHip5Lq3imWKWeNJGBZUZwCQOpAq3CSdmtQJaKq2OqafqaudNvra8EZw5t5lk2n0ODxT7u9tdPtzcX9zDawr1kmkCKPxPFLkkpcttQJ6K5uPW7x/G1laQXljd6RqFnPPCYYjvRozEP9YHKsD5h6KMYHWukq6lKVO1+qv8Ap+aEncKKKKyGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXGfEU3cqaHYQ28FzaXuoCK5gubloIph5bskbuEY7WYDjHzYC967Oq2oadaarYS2Wo26XFtKMPG4yD3H0IPIPUGunC1VRrRqSV0v6v01W61Qmrqxw+q+HvEF7bRGw8MeHdLvbVg9pe2+qOGgIPoLUZUjgrnBBq7430TT9Z17wpFqdrHMHv3V8jl1FvK2wnqVJAyvQ96v/8ACCaTJhL2fU7+3Ugra3mpTSw8dAUZsOPZs1e1Twxpms39reXwvPOtDmAwX88KoeRkLG4GcMRnGSDjpXofXacZxcW1ZS2TvqrdZP8AS3ncjldmZWoafZ6b478OS6daw2rzi4t5TBGE8yMR7gpx1AZQR6fjSQWdprHxE1X+2IY7mTToYBYwzKGWNHUlpVU8biwK7uuExWzf+HNO1PVrPU7sXRurI5gaO9mjVPX5FcKc9DkHI4ORxSav4c0/Wpobi5E8N3ACsV1azvDKinqu5SCVOOhyPasY4mFopt35bN9vevprrpo9tB8u5zA0vS9L+NGnjTFS3luNJupZ7WL5UB8yECTYOAWwQT32j0rvK5238CaFbX0F+kV2b+Fi32w38/nSZ25EjB8uvyL8rZXjpXRVji60KvJytuys7+r833HFNNsKKKK4igooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKz9cv5dO0wzW/liRpI4leUEpHvYLubBHAznqPqKTdlcTaSuzQorJ0q7vDqd5p99PDdPbpHIJ4Y9n393ysuTyNuevQjj1k1TVXs54LOytvtd9c5McRfYqqOrs2DhRkdicnpS5la5POrXZpUVz82tavpt1aRappcDx3c6wrPaXBZYy394MoP5Zz7Vt3F1b2cXm3c8UEf9+Vwo/M0KSauCmm7EtFR29zBdwia1mjnibo8bhlP4isjxBd6pp0P22zuLQW6PGrQS2zM7bnCkhw4A6/3TQ3ZXHKSUeY26KKrXOo2Vk6peXlvbs/3VllVS30yad0txtpblmio2niWNpGlQIvViwwPxpGuYEgEzzRrEekhcBT+NO4XRLRUblpbdjayIGZf3bkb1z2OARkfiKy9IvNRfVdQsdTmtpzbLEySQQNFneGyCC7enrSvZ2E5WaXc2KKa8iRRl5GVEUZLMcAVDa39nfBjZXcFyEOG8mQPt+uKLq9h3RYorO1fWYNISAzNGWmnji2tIFIDNjd9BVuG8trhitvcRSsBkhHDEflQpJ7C5lfl6k1FZ2t3M0Wmyx2F3a218y/uTcuAuc960FzsG7BOOSKL3dh31sLRVe6v7OxVTe3cFsGOFM0gTP0zUwkRoxIrqUIyGB4x65ougur2HUVVk1SwhEZlvrZBLxHumUb/pzzVqncLphRVX+1NP+1G2+3W3nr1i85dw/DOatUk09gumFFFFMYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVdRhuLmyaG1NuGk+VvtMRkTb3yoIz9M1aopNJqzA4WxtEtFEstu76St35GYJhbKH37N3kRKoKb+Pmdj3xW+zCDxyhm+UXNj5cJPQsrkso98EHHt7VYPh6wN99p2zf63zvJ89/K8zOd/l525zz0689eatX+nWup23kXsXmJuDLhirKw6FWGCD7isowlFLuv8AKxzxpNJr0/B3/rclmnht1U3EqRhnCKXYDLE4AGe5rD1N2v8AWja2Gk2N3cWaBnub04WHf0VcKSScZPQdOauWvh6ytrtLl2ubuaLPlPd3Dy+X/uhjgH36+9OvtCtb66+1GS5t5yoRpLW4aIuo6Btp5xk/SqkpNFyU5Kxk+H0uLfxZqsFxDZ27G3gkaOzclCxLjcQQMMQB+AHNXvFv/IuS/wDXaH/0atSWXhnStOvvtllDLFcEYdxcyHzevLjdhzyeWyaW/wDDen6lI7XhvXEhBZF1CdEyOmEVwo6A8CpUZKHL/W5ChNQce9/62NU5CnHWud8MWFne6Kt9dwRXN5dlmupJUDNvyQUOegXG0Dtitex02DTt/wBne6ffjP2i7lnxj03scfhVS48N2U11JPFJd2jzHdKLS6eJZD6kKcZ9xzVNNu9i5KTs7CadoWmadZ3tlaxxvbzTNLJbsAyxkgfLt7DgECqeh29tP8PrJLuGKSFbUErKoKjAPPPHFbNhptppduYLGERIWLNySzsepZjyx9yc1nN4S0p2ZZFuHtmYubRrl/IyTk/u84xnnHT2qJQbjZLpYSi000l1/El8Lf8AIo6Tjp9ki/8AQRUenf8AI3az/wBcrf8Ak9W4NFs7bSRptv8AaI7VRhQt1KHUegfduA9gfaqi+E9MSZ5UfUVkkADuNUuctjpk+ZzjNaS5m00JRmoxXb+uwuvzo7W2nrpsGo3FyxeOK5IEaBMZdiQemR0BPNZHk3tp4u0Y3Vrpls0plQtZOwZ1EZO0gqMrkA9evaujv9JtdSjiE/mo8JzFNFKySIcYOGBzyOvrVEeEdJ8+O4kW6luo2yt095L5o4xjeGzjn7vT2qHGXNfzFUhOTuvL+tiHxbY2lzBYSXFrDK/2+3Tc8YY7TIMjJ7e1a9rplhZSF7Oyt7d2GC0USqSPTgU6+sbfUbN7a8j8yJsEgMQQQcggjkEHnIqlbeHrS3uo7h5ry6kiOYzc3ckgQ+oUnGffGaqMWpPTd3/BL9C3F8/Ml0X6/wCZX8Y2NpceF9SmuLWGWWO0k2SPGGZOD0J6VtQf8e8f+6P5Vn6j4fsdVaQ3pu2WRdjxpfTRow9NiuF/SprDSbbTnZraS7bcu3E97NMAPYOxA/CiKak3/XUOWXPzWMnQLK01Br6/v4Y7i+a6lhkMqhjEqsQqDPQbcHHfOe9P0eCG01/VtNs1X7AscUhhA+SKR925QOgBAU49/erl54fs7y7a6DXNrcOAJJLS4eIyAdN204P1PNWLTSrOxsHtLSNoopMl2WRt7E9WL53FvfOamMGrabfj/W/qJQd/nuYPhPQdL/se4d7GCRp7m4V/MQN8olYBRnooHYcVZ0ORB4GX7VcGCKOKWMzFuY0DMoOfYAflWjY6HZabZzW1n9oSKYksGu5XIJzkqWYlSSScgjnmmwaBp1vpE2lpFI1nMGDxS3EkmQ3UAsxIz7GkqbUbW6WFCDjZpLqc5caHNaeHHsb3RNLv7GOHDy2z+VMVA++FZSN3f7/Wuvs5Yp7GCW2JMLxq0ZPUqRx+lZX/AAienFPJaW+a16fZWvZTFj027uR7dPatpVCKFQBVUYAA4Aq4RabbCnTcWLRRRWhuFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXO+OtU1XRPCk+o6HNZx3EDpuF3btMrKzBcAK6EH5gc5PTGOcgA6KiuP1C98Y+HLN9T1CfSdasbcb7qCzsJbWdYx950LTSByBk7cDOODmtnU/Feh6Np9tfapqUNta3QDQyuTtcEZzkexoA16KxJvGfh2DW00iXWLVb5mVPJ352u33VJ6Kx7KSCe1Ta14o0bw80Savfx28s4JihALySAdSqKCxxkdB3oA1aKztG8QaX4gtpJ9HvEuVifZKuCrxt1wysAynHOCBVTV/Gfh/Qr4Wep6ikdzs8xoY43ldF7MwQEqvucCjYNzcorH03xZoOsai1jpWq215crEJikD7/kIBByOOjD862KACio554baFprmVIYkGWeRgqqPcmqH/AAkuhf8AQa0//wACk/xoA06Khtbu2vYRNZXEVxETgPE4dc/UVNQAUVg+JNcvLC4sNL0SCK41bUnYQicnyoY0ALyvjkquVGBgksBkdRj6pN490C3huYZ9N8QRyXEMc0MdhJBJCrSKrOmJG3AAk4OMdcnGCLUHodtRWfrOvaX4ftVuNZvYrWN22R7zlpG/uqo5Y+wBNcofFUWp+N9BbQPEMs9nczS215ppjjURlYHkVmVoxKjEgdWwQOlG4Hd0UUUAFFcD8QPiH/wiccKT2mo2Ia/to1vDaiaG4jMimRVKbiDs3jDBTxx2rrtG1R9Xsjcvpt7py7yES9RUd1/vbQxIHs2Dx0oWqv8A10/zB6OxoUUVHc3EVpay3Ny4jhhQvI56KoGSaAJKK50+PvCw0tNR/tu1NtJKYEYElnkHJVVxuJAOSAKoeMtYkk8Dp4g8M67JDFG8UiSWoikjuFaRVIbejcYJ+6VOe9AHY0Vz9l478NajqcdhZ6tDLPKxSEhWEczDqEkI2OeDwpPStXVNVsNF0+S+1a7hs7WPG6WZwqgnoPcnoB1NHS4dbFuisTRvGGg6/dva6XqCyXSJvNvLG8UhX+8EcAlfcDFbdABRRXDfEnx1J4P0G9l+yX9qVRDDqS26zW+4sBtOCxU4yPmUDng0XHa53NFZWha5/b1s9zHpt/ZQZHlSXsSxmcEZ3Ku4sB/vBTWrRsJO4UUVzvjnX5/D/hzfpwVtTvp47KwVxkGeQ7VJHcLyx9lNAzoqKito5IrSGOeYzyogV5WUAyMBy2BwM9eK53xTrd5b63oWgaPKIr7VLgvJLtDeTbRYaVsHIyflQe757UdbE9LnT0UUUDCisTUfGfh7SNYj0rUtVgt76XBSB87mz07Uat4z8PaHqUWn6tqsFrdzAeXFJnLZzjHHsaANuiuY8U6zfG7g8OeGnCazfIXa5Kb1sIM4adgeCc8Ip6t7A1J4U1y7u2udF8QKseuaaFE5RcJcxnOy4j/2Wwcj+FgR2BItf6/r+vRg9P6/r+vVHR0VzF1ouva1q1493rl5o9hE4Szg00xBpBtBMsjujHOSQFGAAOc54l8G6pe6hZahbanOl3Ppl9JZG8RAouQoUh8DgN821gONynGOgFr+f9feD0OioopsrmOJ3WNpGVSQi4yx9BkgZ+pFADqK83b4o4+IK6OdK1oSnTjIdJ+wjzjL5gAbfnZt25+bft9816LC7SwRyPE0LMoYxuQWQkdDgkZHsSKOl/67B1sPoorK8RzX9ro0t3puo2Wn/Zlaaaa8tGuEEaqSflWSPB98n6Um7K7Gld2NWiuO8BeJdb1dZrPxZDawakLeC9iFrE0atBKvGVZmO5WVlPPpXY1TVnYlO4UUVzHirW7zw7rOh3jSg6RdXP2C8jKD928uBFLu6jDjaRnHz57UuqQ+lzp6KKKACiisDxprVxo3huQ6aA2p3ki2enof4p5DtU/ReWPsppPyGjfoqjomlpouhWWmxyyTLawrF5srFmkIHLEnqSefxq9VPRkrVBRWbr/9rNpLR+H/ACkvZXSMTTDKwKWAaTb/ABFVyQvc4rmb6HVfB97pV0PEV9q8V7fRWdxaagIiX8w43xFEUqV+8Ryu0HgYzSWrt8hvRXO4orF8Xzara+Fb280BwL60QXCRlQwmCHc0fPTcoK5HIzmrujarba7odlqtg262vYEniP8AssMj8eaFrcNi7RVbUNRs9J0+a+1O5itbSBd8s0zBVQepJpNM1Ox1nTYdQ0m7ivLSdd0U8LhlcdOCPegC1RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRVHWp7m10W6msQTOkZK4TcR6nb3wMnHfFKT5U2J6K5eornNE1FH1KaO01htWsFt/MkuJGRhDJn7u5QByMkr2x2zWhq2pz272tppscc17eE+X5hOxFAyztjkgZHA6kgVPMuW/8AXYhVE1c06K529k8TaXCk0ctnqitKiSRratG6AsAWXDNkAE8H657Vrahq9hpQT7fcpCZMiNDks+OuFHJ/AUcytroNTWt9C5RVPT9WsdVR2sLgS+WcOpBVkPupAI/EVm+KRe22lz6jZapc2rW8YIhjSIo5z33IT37EU3KyuDmlHmWpvUUDoKzr/X9M024EF3dBZiN3lIjSMB6kKCQPc020tym0ldmjRVCDXdLurOa7tr6GWCAZldGyE+uOh9qcdZ08aUupfak+xsMiYZwecfzpc0e4lKL2ZdoqCC4h1CxWezn3RTJmOWPB4PcZrK0o3lv4ivrC51G4voo7eGVDcLGGUszg/cRePlHWhys0hOSVvM3KKhu7u3sbV7i9njghT70kjBQPxqnZeItL1C6Fva3QMzAlUdGQuB1K7gN34Zp8yva43KKdmzSorG8TeIYPD+m+c8sazsVEaSAkMNwDdPQGp7HxDpWpXP2exvY5pcE7VB6D8KXPFvlvqL2kVLlb1NKisvX9StLLTpIrnUV0+S4jdIpiCShx94D2yDVzTznTLU/aPtX7lf3+MebwPm/HrTTTbXYfMublLFFZ+oa7pulzLFe3SpK43LEqs7keu1QTj3qxZX9pqNqLmxuI54Tkb0OQCOoPofahST2Ycyvy31LFFYzeLdDCgjUY3ySNsas7DHUkAEge54rVtrmG8to7i1lSaGRdyOhyGHsaFJPZgpRbsmSUUUjusaM8jBVUZLMcAD1plC0Vk2/inRbq5SCC/jZ5DtjJVlWQ+isRtb8Cav3t9badatcXsqwxKQC7e9TzRte+hKlF7MnoridL15dc8uX/AISiW0uLiQiK0ggiKKNxCgloyScYycj8K7YcAZOfelCSmromFRT2CiiqWoaxYaVsF9crG8mdkYBZ3x1woBJ/KqbS1ZbaSuy7RXO2Gq/bfFaiy1RruxntJJPJwm2J1dFwMKGB5OQxPWtNtc0xL+Sye9iS4iQu6McbVAySSeMcipU00n/WhKqRd/uL9FUdO1vTdWZ1067jnMYBYKecHoeeoPr0qtN4r0SCZ431CMmNirsqsyIR1DOBtH4mnzR7hzxte5r0UgdWjDqwKEZDA8EetZKeK9Dkm8tdRi6kByCEYjqFfG1j9CaHJLdjckt2a9FVrDULXU7UXNhOs8LHAdehqzVDTTV0FFU9T1S10izNzeyrEnRd3c4zj9K5nQ9X/tkWkh8UzC7uAJDZxQRCNeMlBmMtwOM7qj2i5uXqROpGLSe7OyoqrqGp2WlwCbULhIEZtq7urH0AHJPsKZp2s6fqu8WFysrR/fjIKunplSAR+VVzK9iuaKdr6l2iqUus6fDqS6fLdxpdMMrExwSMZ/kCaZYa9pep3DwWF9FPIg3FUPUZxkeoz3GaXNFu1w5o3tc0KKzr/X9M024EF3dBZiN3lIjSMB6kKCQPc1NYarY6rGz6ddxXKoQGMbZ2n0PofahSTdkw5o35b6luisibxVokFw8UuoRgxttdwGKIfRnA2j8TWsrK6hkIZWGQQcgimpKWzBSi3ZMWiiimUFFFFABRRRQAUUUUAFct8Sf+Sfaj9Yv/AEaldTVLVdF0rXbVbbW9Ms9SgV96xXlusqhsYyAwIzyefegDP8Xa5aaJ4duWuXD3E8bQ2tqpzJcysMKiL1JJP4dTxWH4k02TSvgNe6ZcNmW10LyJCp/iWLacflXQ6Z4Q8NaJdfatG8PaVp9xjb51pZRxPj0yqg1Lq/hrQtfaI69oun6mYciI3tqk2zPXG4HGcDp6UraNd/0v/mNOzT7f8D/IXRdE03R9FgsNOtI4bZAH2YzubqXYnlmJ5LHJJ5rFv9S13VvFl5omg3tnpcenwRS3FxcW5nllMm7ARNygKNvLHOTxjjNauleE/DmhXTXOiaBpemzsmxpbOyjiYrnOCVAOMgce1Gs+FNB8Qyxy63pNreyxAqkksYLKp6rnrj26U3q7kxVlY5TwZcSy/E/xNDc61aaxPBY2ccstrbiIIwef5GAZgWAPXjqBjirPg7U9N0mfXrLWLq3s9YGpXFxdfaZAjSxM5MMgJ6p5exQRwNpHaujtvCvh6yu7W6s9C0yC5s4/KtporONXhTn5UYDKj5jwPU+tUvFMLzTW23whB4h2AsHmeBfJPt5nPPtRt+X6j3v9/wCFjC+GNxpd3rPjK50GMJYzaurxsq7VkJgj3OvqrNkg9DnPevQK57wnpF/Y/wBp6hrCwQ3uq3Ine2t23pbqsaxom7A3EKgJOAMk44roaeyS8l+Qu/zM7xBYS6poN1Z28VhNLMmFj1K3M9u3IPzoCNw/GvO/+Fba3/0Bfhr/AOE2/wD8dr1WipKvpYxPCej3Gh6GLO8t9Ht5fMZimjWZtoMH/YLHn1Oa26KKpu4tjkvEU6aN440PWr9hFpxt7iwluGOFhkkaJoyx7KTGVz0yVHet7Vdb0/RbaOfUrlYVmkWKJQCzSuxwFVRksfYD3q3cW8N1byQXUUc0MilXjkUMrg9QQeCKyNK8F+GtEvftmk6HY2lyAVWWKBQyA9Qp/hHsMCku39dwfcy3aCP4vqdUKhpNKVdKMnTcJGM4TP8AFjyie+B6A1m+JZNJf40+DUj2Nq6LdeaU+8sJgfaH+pztz6NjvXaaro2m67ZfZNZsLe+t9wYR3EYcBh0Iz0PuOaz4/A/hWOyS0HhzS3gSXzlSSzRx5mMb/mB+bHGetC0t5frf/P5/MH18zdooooAydT8M6ZrOopd6rCbvy7eS3SCU5iVZOHO3+8R8ufTIHU1c0ywTStLtrCGWaaO2jEaPO+9yBwMt3OO9WqKNgCiioLyytdRs5bTULaG6tpl2yQzxh0cehU8EUAcf4G0awXxD4p1f7OrX76vND57ksyxhUO1c/dGeTjGe/SrPxMtoZPhvqVu8SGGRolePbwwMyZ498mrafDvwVHIrx+D9BV1OVZdMhBB9fu1qatoWka9AkGuaVZalFG29I7y3SZVbGMgMDg4o+yl2SX3B9pvu2zB+IEEUHgqJIIkjSC+sfKVFAEeLmIDb6YFR+JGt4viJ4Zl1gqLAR3C2zSf6tbw7PLznjcU80L+OOTW3eeFfD2o6fbWOoaDpl1Z2gxb289nG8cIxjCKRheOOKtTaPplxpH9lT6fayad5Yi+yNCpiCDouzGMDHTFHW/n+lg6WOb8etbvP4fht9p1o6rA9iF/1gQOPPPrs8reG7cgeldhWRo3hTQfD0skuiaRaWUso2vLFEA7L6FuuPbpWvRsrf10/yDrcKzdS0Gx1e/srnUUacWRd4oHOYi7DbvZe5AyBnpuNaVFAFHRdIttB0mHTbFpTbQZESyvuMakkhAf7q5wB2AAq9RRQAVwvxF/da/4Hu5f+PWHXlWQ9gzwyIhP/AAIgfjXdVleJdAg8TeHbrSrp2iEygxzJ96GRSGSRfdWAP4UuqfZp/cw3TXdNfejVrhL8GD4+aRLccRXOg3MNuT/z0WZGYD324P4V21sk0dpCl1Ks0yoBJIqbQ7Y5IGTjJ7ZNZXiLw8uuNp08Vx9kvdNu0ura4CbsY4dCMjKshZTz3B7U9pJ/1qmv1uF7xa/rv+htUUUUAcz45tZk0qDXLCNnvdDm+2IijmSMAiaP/gUZbA9QtVNKuYfFvjh9WtpFm0zRoBDaOpyslxMod3H+7GUUH/bcV2JAIIIyD1Bqrp2mWGkWa2mk2NtY2yklYbaFY0BJyTtUAcmhaP8Ar0/rz1B6otYGc459aMc570UUAclqWrX3iTUZtC8LzNbwQP5epauo4gPeGHPDS+p6J3yeK3dFtNM03Txpmi+UsFifKaON9xjbAYhu+47gxzyd2e9Z9z4C8H3t1Lc3nhTQ7i4mcvJLLp0LO7E5JJK5JPrWnpWi6XoVq1tomm2em27PvaKzgWJS3TOFAGeBz7ULYHuXaKKKAOePgnSGujdkTfbjfjUPtnmfvRIONu7H3Nnybem335roaKKOlg8wrjviJ9r1LT7LwzpbQi71ifa5mBKLBH88pYAg7SAqcH/lpXY1kaj4T8OavqC32raBpd9eKAFuLmyjkkAHQBmBPFHVAclqUfibRfEujeI9dn0l7OCT7Bc/YYJI2EU7KqklnYYWQRn2BNeiVm6v4b0PX/K/t7RtP1Pyc+V9ttUm8vPXG4HGcDp6Vet7eCztYra0hjgghQJHFEoVUUDAAA4AA7UdLf1/X+YdSSuE+MgM3w4mtIf+Pm7vbSC2A6mU3CYx+RP4V3dYuq+Hl1fxDpGoXdxm20tnmjtNnDzkbVkJz/CpfAx1bOeKFun5oOjNodBmiiigArj7b/ipfiTPdn5tP8NqbaH0e8kUGRv+ARlV+sjjtXYVnaFolr4e0lLCyaR0V3keWZgzyu7FndiAMksSelC3uHSxo0UUUAZ2ua5Z+H9NN3fF23MI4YYl3yTyH7saKPvMfT8TgAmsTS9NnbUI/EvjOWGC9JEVjZmUeVYBztCA9HlbIBb32rx139V0XS9dtVttb02z1K3Vw6xXkCyoGwRnDAjPJ596zLbwF4PsrqK5s/Cmh29xC4eOWLToVZGHIIIXII9aFvdg9javZorewuJrhgsUcTO5PQKBk/pXIfB63mtvhF4fS4BVmtzIoPZGdmQf98kVv+J9EbxJ4euNIF21pFd7Y53Rcs0WRvQcjBZcrntnpWnDDHb28cECLHFGoREUYCgDAAoXX5fhf/MH0OZ+I+reHNH8C3s3jSBrnSJdsM0CLuaUswAAGQc554IxjNafhbTtN0vwtYWuh6e2m2CwhobVwQ0Qb5sNkk7snnJJzVbxN4RsvFdzpDapI7W2mXgvBbADZPIqkJu9gTnHet+hbP8Ar+uoPdBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUN1FLPbNHBcNbO3SVFViv0DAj8wamopPUDhrq1KNf6jcCHUYNNm2PHqJaWSQgKSyjcI4z83ACc8cjNbmqyJp/iHTdQuMR2nlSWzyHhY2coVJ9AduM+pFaE2j6bcX6Xs9jbyXKYKytGCwx0Ofbt6VblijmiaKZFkjcYZHGQw9CKyjBpf1/Wv4GCpNX8/8AO5Be6ja6dCkl3MI1kcIgwSXY9AoHJP0rNvbzUbrXH0vTJre08mBZpZpojIzBiQAi5A/hOSc9uKtWXh7SNOuPPsdNtoJQMB0jAKj0HoPYVJqGj6dquw6jZw3BjzsZ1yVz1APWqak1/X5ltTa/r8zB0aSU+O72G41KC/lisUV2hi8sod5+VsMeefbrWl4u/wCRS1D/AK5/1FWotC0mCSCSDS7ON7cYhdbdQY/9044/Cm3Xh7Rb64a4vdIsLmZsbpJrZHY9uSRmlyyVPl9fxbf6kKElGS7/AORojoKwfC7RhNRSQj7eL2U3QP3uWOwn22bce1aVjpGm6WznTdOtbMyABzbwLHux0zgc0y/0LS9UlWXULCCeRRgO6DcB6Z649qpqV1Jf1/Vi2pOz6obYLpa6nqH9nNGbl3VrsRnOGxgZ7A4HSqHhy6gtPB6TXUyQxQtKJHdgAmJGzn0ratLO2sLdbext4reFekcSBVH4CqbeHdHfUDfPplq1yW3mQxAnd/e+vv1qXGXQXLJWat1/Er+D2D+D9MZTkNACDRa/8jtqP/Xlb/8AoUtXk0jTY7GSzj0+1W1lJMkCwqEcnqSuMGqn/CJ+HP8AoAaX/wCAUf8AhTaldW6f5CUJKMY9h+t6hcWa2kFiIRcXk/kxyTglI/lLEkDBPC8DIye9YWrfbbXWtDg1HWba5ke+VlgW1Eb42tlgdx45x079a6m40+zu7L7Hc2sMttgDymQFQB0wO2Kpp4Z0OO3eAaRZNG5DOrwK24joTkc4pSjJyv5p/dbQVSEppry/r1IfFxx4XuWPAVo2J9AJFJNa8k8UKq0sqIrEKpZgASegFDQxNAYWjQxFdpQqNpHTGPSs+18NaLZXCz2ul2scqfccRDKf7vp+FVZ810W1K90WtS/5BV3/ANcX/wDQTVfw/wD8izpn/XpF/wCgCn3uiaVqUwl1HTLO7kVdoee3RyB6ZI6UlnoWkadP5+n6XZWsuNvmQW6I2PTIFCUlJvvb8L/5g1JzT7X/ABt/kZ/h0xLqOsJNgah9rZpd33jH/wAsyP8AZ24A7Zz70unGJ/GWpvY4MAgjW5KfdM4Lf+PBcZ/CtDUNF03VWRtRsobhk4RnQFlHoD1xVi2srWztVtbS3iggUYEUaBVA+gqYxat5f5W/rzFyO9ul7/qY/hqCJLjWpkjVZZNRkDuBy2AMZNSeFwFsbxV4VdQuAAO37w1ds9G0vTvM/s/TbS180Yk8iBU3j0OBzT7HS9P0xXGm2NtZiQguLeFY92PXA5pwi48vkrfl/kJQat6t/ff/ADLVYfi4D+xUM4Js1uYjdjt5O8bs+3TPtmtyggMCCMg8EHvVSV1Y0kuaLj3MjxBJp58L3RvDG1q8JCBcHcSPlC+pzjGO+Ku6YLhdHtBe83IgTzc/39oz+tVrbw3otndi6tdLtYplOVdYgNh9R6fhVy8sbTUbfyNQtYbqHOfLnjDrn1waST1fV/8AB/zJSle7Mzwj/wAirZ/R/wD0Nq2qzbfw3odpcJPa6Np8M0Zykkdqisp9QQMitKnFNKzHBNRSYVhaYY18W6utzgXjeWYd3UwbB932378+5+lbtVL/AEqw1REXUbSG5CHKGRASp9j1H4USTumglFu1uhgwvYv8UZPsm03C6awuSnTPmLgH/ax+mKn1ywttR8V6LFexCaNY532MflJGzGR3HfBrTj0HSIvs5j0uzU2xzARAuYj1JU44PvUc/hrQrmd5rjRdOllkO55JLRGZj6kkc1nyPlUezb/G/wCpk6cmne2rT/L/ACL07pbQSXBj3GOMn5RyQBnArmzc6tc6F/a13rOn2FrLD5gj+zeYiKRkBnLjcee2K6K0srXT7cW9hbQ20IJIjhjCKCevA4qnH4a0WK7+1R6XaLMG3BvKHDeoHQH3FOcJSVv6/wCCaSUna35mJHHPcfCe1S3V5WaxiLKn3nTA3Ae5XIqbX9W0GfwVcqJ7ee3mtmSGCIgsx2/KqqOcg4+mPaugstPstNiaLTrSC0jZtxSCJUBPrgDrWFfWt7cS3cVh4ftraa4DRHUJHj+6eC2F+Y8dqitGTi0uqM1F04r0t3NfRP8AkX9P/wCvaP8A9BFXqitLdbSygtkJKwxrGCe4AxUtdUneTZpTi4wSfYhvP+PC4/65N/KqXhr/AJFXSv8Arzi/9AFWr7TbHU41j1Kyt7tFO5VuIlkAPqARVe08P6NYXC3FjpFhbTLnbJDbIjDPoQM1kk1Jvvb8L/5hJS5k10v+Nv8AIpExJ48JvcBnslFiX6Z3N5oX/a+5nvijVDE3i3R1tcG9QyGbb1FvsOd3sX2Yz3rWvdPtNSt/I1C2iuYs52SoGAPrz0PvTNP0qw0qNk060htg5y/loAWPqT1P40lF7ed/xuS4NtrozJ8UWVvqN/odteJ5kL3rb0JIDYic4PqPbvW+sUabdiKuwbVwPuj0FULrw7ot7cNcXmj2FxM/3pJbVGZvqSM1ZstOstNhMWnWdvaRs24pBEqKT64A604pptvqUotTbsZPhdowmopIR9vF7KboH73LHYT7bNuPakvIrVrPX08Pun9pyxEzeU2SJdhC57BuPrWhf6FpeqSrLqFhBPIowHdBuA9M9ce1WbSztrC3W3sbeK3hXpHEgVR+AqORuHI+1hKLTt0/r+rnOaJFqk+gWw03UtHFmIgoT+zZPl45Vh5/Ud8960/DVstnoiW8d9BepHI4WS3XCKNx+QDc2AvTGe1OuvDWi3ty1xd6XayyucuzRD5/971/GtGGGO3hWKCNIo0GFRFACj0AFXGLTuyadNxt5eb/ACH0UUVZuFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFZniC5ntNHeW2kaI70WSZU3GKMsAzgEEcLk8gjvSk+VXE3ZXNOisDQtQWS5vVi1Q6lp0SxmO8kZCA5zuQOoAbGFPtuxn0frV1q8Gq6fBp11ZxRXjtGfPtWkZSEZs5Ei5Hy4xj8ann0uQqiceY3KKxI77VNP1W1tdWe0uYrxmSKa2iaIo4UthlLNkEA8g/hV/UNXsdKVDf3KxGQ4RcFmc+yjJP4CnzK12NTWt9LFyiqen6tY6qjtYXKzeWcOvIZD6Mp5H4io7/AF3TdMmWG8uQszLuESIzvj12qCce9Dkkrtj5o2vfQ0KKpWes6df2ktzZXkU0MOfMZDnYQMkH0OO1EWs6fPpjajDdI9omd0ozgYOD+tPmXcFKL2ZdoqCyvrbUbRbmxmWaF8hXXocHB/UVkRC9svFkFrJqdzd29xbTSmOdIgEZWQDBRFPRj1JpOVml3E5pK5vUVW1C/t9Ns3ubyVYo143N0z2rG0XxnpepafZNPewpeXEabokDYDkdBn396OeN+W+oSqRi7NnRUVDd3lvYWr3N7MkEKfeeRsAVQtfE2kXl0ltDeqJ5DiOKRGjZ+M/KGAz07U+ZXtfUblFaNmrRRRTKCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACq95BNc2/l293JaMSMyxKrMB6DcCP0NWKKTVwOHitxHIuq3MVvfQJffZVW9LzXCnzfL3qzNtQ552qg471seJbdrrU9DhS4mti10/72AgMP3L9Mgj9K0/7H006l9v+w2/2vOfO8sbs4xnPrjjPXFJe6HpOpTibUdLsruULtEk9ujsB6ZI6Vl7N8nL5nP7JpNLqYlvYtonieKXU7mbUI7rMVrd3L5a3cjmPAwoDY4YAHjBzxUciaiPHl75F3ZW8stvH9m+12rSl4xncEIkXGG5I9xXTXFla3dobW7toZ7cgAwyRhkOOnB4pl5pljqNstvfWkM8SkFUkQEKfUen4Uez2S6f1/X9MbpaWXr/AF/X+RkQWN2nii2utR1XTjceS8Ygt7ZopJk4PO6VshSM9OOfWjyTda/qE2haqlvdxlIryGa381SQuVOMqw4bscVqWGjabpbM2nWMFuz/AHnjjAZvqepqO88P6RqExlvNNtpZScmQxgOe33hz2H5U+R2X/BD2bt8+77dyroE7Nfapb3ENsLuKVDPPa5CTEqMEgklWAABGT255pvhyaODT9RaaRY1iv7kyFmwEG8nn04INa1nY2unWwt7C3it4VOQkSBRn1wKq3Ph7SLy++2XWm201xwTI8QJJHQn1I96fLJWa7W/L/IfJJJd0/wDMp+Dpo7nw950Dh45Lq4ZGHRgZnwafc/8AI7af/wBeNx/6HFWjDptjbJOlvZW8S3BLTBIlUSk9S2Bz+NUf+ET8Of8AQA0v/wAAo/8AClyySil0/wArByy5FH+t7mrLzE+P7prH8Kyxr4M0x2dVRLVNzE4C4HOfpWtb20FpbpBaQxwQxjCRxIFVR7AcCs6Twxoct01xLpNo8jNvYtECC3rjpn3qmne6KaldSX9bf5EWvtY3VtYwz3v2Z7i4RrOdMMPMALL14IIB+tVLtr+x1LTP7YksdRje5CQlIGhmjcqRuA3MGGM56YHNbt1p9nfQCG9tILiJeiSxhgOMcA+1VrHQNJ0248+x0+CGbGPMVPmA9AeoHtU8r5r+f+XT9f8AImUJSd/6/wCCaNFFFamwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVBe3tvp1lLd3sqwwQrueRuiimk27ICeiue8JXsOoLqt1aa8NYglvmaMBCv2RSi4i5POOuePvVb8SeI7Hwzo8t9qMyRgI3lK2f3jBSQvHrit5YeftfYxV5ej/J6gtdjWorz3wvrY16awceO7ia/nVZpdPhtYFh6bmjXMW8ADIzvJr0KnicNLDT5JvX0a/NImMlJXQUUH2rk/CWoeJNTvtW/te/0uS3sbuSzRLbT5ImZlCkOWaZhj5sbcfjXNu7fP+vvK6XOsorkfDura82va/beItQ0ya00ny132thJAx3RiQsS0z8AEjGPfPapm+JXhBY45F1yCVHUvuhV5Nigkbn2g7BkHlsDg0AdRRUcM8VxbpcW8qSwyKHSRGBVlIyCCOoxXLaNrmn6746nn0nxOl3BHYCNtJRCAjiTmbJ+oXGPxo62Dpc62isvxHr9l4b0SbUNQuI4EVSIzIDhnwSBx64rC8M/Evw/runaUJNUthqV7DEXt41YASsoJUZHqcdaFre39XB6bnY0VT1TVtP0TT3vtWu4rS2QgGSVsDJ4AHqSeAByazNM8c+HNX1COwstTT7bLny7aaN4ZZAASSqOASMA8gYo3DY36KKKACis+XxBo0EzRTatYxyIdrI9ygKn0IzxUlrrGmX0pistRtLmQDcUhnVyB64BoAuUVmnxJoYODrOng/8AX0n+NWLPU7DUCwsL23uimN3kSq+364PFAFqiio7gTG2kFqyJOUPltIpZQ2OCQCCRntkUASUVx2gTa/bePb7TNd1lNSj/ALNiuUSK0WCOJ2kdTtGWbGFH3mNdjR0uHVr+trhRWZpfiTRdbvLy00jVLW9uLF/LuYoJQzQtyMMB05BH4GtOgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKq6jpen6xaG11axtr63LBjDcwrImR0OGBGacbX97YDF8Mf8jF4s/wCwmn/pLBWj4l/5FPVv+vKb/wBANU08B+EI5FePwroiOpBVl06EEH1Hy1o6poek63HHHrWl2WopESY1u7dJQhPUgMDiu2dWi60ZpuytfRdEl362FBuLuR+Hf+RX0r/rzh/9AFaVZOneFPDukXYutJ0DS7G4AKia2s443APUblANa1c9ZwlNyg3Z91b9WTCLjFRfQK5TwdKkGt+KNOlYJdpqrXPlE4YxSRoUcDupwRn1UjtXV1k6z4W0LxE8b63pNpeyRAqkk0QLKD1Abrg+nSsVo7+Vvyf6F7q39df8zI8IzR33ifxZf2jCW0kvooY5l5V2jhRXwe+GyufUEdqZ8NbO2t/Cty8EEcb3Op30kzKoBkb7TIMt6nAA+grpo9L0+LSv7MjsbZdP8sw/ZBEoi2EYK7MYxjtiqtj4X0DS7K5s9M0PTbO1uxtuILe0jjSYYxh1AAbgkc0f5B/mZXw2G34f6co4VDKij0AlcAD2AGKJf+SvW3/YDl/9Hx1r2XhzRNN0yfTtO0bT7SxuM+dawWqJFLkYO5AMHI4OR0rN/wCFceCP+hN8P/8Agrg/+Jo+0pev4pr9Q+y1/W6ZsaupbRL5VBJNvIAB3+U1k+DLu3i+Gug3Ms8SQJpduWlZwFUCNc5PQVuWlpbWFnFaWNvFbW0KhI4YUCIijoAo4A9qwz8P/CLXxvG8N6a0xfzMtbKRvzndtIxnPOcZoWjfnb8L/wCYbpeX62/yIPGA0y/m0Ozm1U6dqE135+lXCKrqZkRjghvlYFWYY754IOKz7mTVdL8WeHo/E0mk6x59xJFZz29q9tcWzmJiz7TI4ddoIJG3GRwa6vU9E0rWrdYNY020v4lztS5gWQLnrjI4qppHhHw/oF09zo+j2lpcOuxpkjG/b/d3HnHt0oWjB6o2aKKKAPNdV+H+sXur3dzDpHw+kjmmZ1e88PvJMwJzl28wbm9T3NaXhLwdqWiau9ze6d4Oto2hZA+jaO1tMSccFi5+X1GPSu4ooWisD1PLH+G+ttIxGi/DYgnPzeG3z/6NrpvBXhi+8Py3bX9j4YtRMqhf7C0xrQtjP3yXbcOePxrraKFoD1Ciio54Ibq3kt7mJJoZVKSRyKGV1IwQQeCCO1AHNQf8lcvf+wJB/wCj5a6h3WONnchVUEknsK5z/hXHgj/oTfD/AP4K4P8A4mtTWNKGqeHb3SYZmslurZ7dZYVGYgy7cqOnANJ3ULLfX9WPRzu9nb8kv0OS+F7+DNWh1XxD4H0aWxW+uitzcyxlftLgkkqCx+XLHpgZrvaztA0Ox8NeH7PR9Ki8q0s4hFGvc46k+pJySfU1o1TstFsSrvVhRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXnHij4hacfFdvoNr4pXRoY4ppL26hhWSUOjKoiXzEZRncxJ2n7vGKXWwdLno9FcvpWtWGleGJNY1LxXLqums/yXt3FEmwZ27f3UaA8+1LP8R/CVvLsfW4CAqs8kau8cQYAje6gqnBB+YimB09FVLnVLGz0ptSuLqNbJUEhnB3LtPQgjqOe1ZE3j/wAK2+nW19LrdqLe63eQVJZpNpIYhQM4BBycYHegDoqKz7vXtLsdFXVrm+hXT2VWW5DbkYN90gjOQcis7wTcJdaDJPDr39vRyXc7JdBCuxS5IiwSfuD5fwo62DomdDRWPqvizQdDvBa6xqttZTmEzBJn25QcZ/Pt1pdF8VaL4hkli0m9E00IDSQvG0ciqejbHAODjrjFG4bGvRXGa98SNH0HxlYaNdX9tEkiTG7LqxaIqqlAMcc7j6/hXQ6N4h0rxDBJNot7HdxxNtdkB+U9ccihaq6DY0qK4Lxz4+sdK1Sw0K216LS7q4udl3c+V5j2sYjZ8qrAruJCgEggZ6GtjwfcR30VxdWniy78Q2uRGPtMMCeUw5PMcUeeCOoNC1B6HS0VgeNfEL+GvCtxe2say30jJbWUTdJJ5GCRj6biCfYGtfT4rmDTbaK+uftVzHEqzTlQvmOBy2BgDJ5wKFr/AF/X9MCxRXJ+D9Q1e917xJDqt0ZoLO88m2UxquxeT1AGeCvWtG+u9Vl8RDTtNuLS2RbUTs89s0xJ3lcDEi46e9dM8PKFR021or36bX7eZrKk4ycW9jborkbTWNfbTLHUbi5094ri8S3eFLJ1YAy+WSGMp579KuXuqf2P4qX+0NUdbGe0eQQyhNqOHRQEwu4k7jwSabws+blTTevfputhujK9joqKp6dq1jqqyGwnEpjOJFKlWQ9sqQCPxFRX+v6Zpk4gvLoLMV3eUitI4HqVUEge9Y+zqOXJyu/Yz5JN2tqaNFQWV9a6jarc2M8dxC3AeNsjPcex9qnqGmnZk7aMKKZMJGhcQOqSlTsZ13KD2JAIyPbIrnNMuvEOoWbTvqmlQYuJYADp7nJSRk/57jrtzj3rSFPmi5XSt6/omXGF1e501FZekXV+Yb0a0YQ1tOUWZIWhR4wqndhmbuSM5xxTLbxTot3cxwQX8bPKdsRKsqyH0ViNrfgTQ6M7vlV7dg5Ja21sa9FVdQ1Kz0q2+0ahOsEW7bvbpn/IqrN4l0a3nihm1GBXlVWUbugb7pP90HtnGaUaVSSvGLYlCT2RqUVXvtQtNNtjcX9wkEWQNznGSegHqfYVTtPEmkX1yltb3qfaHOFhkUxu3BPCsASMA8+1CpzlHmSdgUZNXS0NSiqGo63p2lOiX1ysckgykSqXdh6hVBOPfFS2GpWeqW5n0+4SeMNtYqeVPoR1B9jS9nNR57O3cOWSV7aFqiiioJCism68UaNZXMkFxforxHEu1WZYj/tMAQv4kVpfaIfsv2kSKYdm/wAxTkFcZzn0xVypzik2nqU4yW6JKK4l/FdpqWq3ir4kbTbW3ZY4RbxIzSkoGLEujcZbGAB0rr7JHSyiEly1023PnOqqX98KAPyFa1cPOik59fX/ACsVOnKFuYnoorG8Q3mpWf2D+zJrWL7RcrA/2i3aTG7oRh16YPHfPasqcHOXKiYx5nY2aKwZr7V9GaObVpLO7sWdY5JbaBoWg3HAYqXcMuSM8jGc81o3er2FhdwW15dJDNcECJG/jJOB+tU6MtOXW/Ybg+mpdorOg8QaVc6ibG3v4ZLkErsVs5I6gHoSO4HIov8AX9M024EF3dKs5Xd5KK0j49dqgnHvS9lUvy8rv6BySvaxo0VXsr611G1W5sZ0nhYkBkPcdQfQj0qneeJdIsLpre6vUSWMAyAKzCPP94gEL+OKFTnKXKk7iUZN2SNSiqVnrGn6jcSwWN3HPJDjzBGc7fx6VdqZRlF2krCaadmFFNkkWKNpJDtRQWYnsBWNo1/b6jrOoXFlrAvIWSILahSBb4DAnJ67vp2qo03KLl0Q1FtN9jboqK6uoLK1e5vJkghjGXkkbCqPrWdbeKNGurmO3ivVWaU4jSVGjMh/2dwG78KI05yV4ptAoyauka1FFFZkhRXN67fiHWBBf6w+jWYtw8MyFF86XcQV3OpBKgKQo67j1xWro93Nc6TZvf4S8lgDuhG1j6nb1H07ZxW0qMowU+/9f12NJU2opl+iuY8SeJ7ayvLbTItTSymmm2zzbN7QpsLZAIIycAcg4z0q/oEq3Mcs8GuT6rDnYPOjjXYep5RFz1HWqlh5xpqpLRP1/wArfiN05KPMzYooornMgorD1Q3lx4lsbC21G4sYXtppnNusZLFWjA++jcfMelO8U3up6boxu9Ie182N0UpcxMwk3MqjlWG3r1wa3jRcnBXXvf52NFTbaV9zaornb7XLyXwhLrGlPBBLbQySTwXMLSEMgO6Ph1wQwIzz9K11hurjSljmvDFcug3XFrGFwfVVfeB+OaUqTiryfWwnBpaluisfw1Pcz2Fyt5cvdPBeTQiWRVDMquQM7QB09qv6j5w0u6+yP5c/kv5T4B2tg4OD71MqbjPkbBxany/Is0VzngHUNQ1bwXZX2rzme5nLsXKKvAcgcAAdBXR061N0qkqb3Tt9wpxcJOL6BRWJ4x1DUNI8HapqWjyW0d1ZWz3C/aoWlRgilipCup5xjOePQ9Kymm8dWWmJqX2nRdYRYxK9jBYS2srrjJCSGeQbvQFcE9xWN97k9vM7CisWXxfodv4btNeu79LfTrtFeKaQEZ3DIBHY4z+VRXXjnwxZXVvbXOt2kctwiSIpfOFf7jMRwobIwWxmqs72Dpc36Ky9a8S6P4eWI6xfxWzTkiGM5aSXHXai5ZsZHQHrS6L4j0nxDFK+kXi3HksFljKskkRPIDIwDLn3HNLcDTorH1rxZonh+4it9Vv1iuJVLpAiNLIVHVtiAtt98Yplh4z8O6rqEFjpusWt1c3EXmxRxPuLLzzx0+6wweeDRuGxt0VzE2t3mmfEm30m/lD6frFqz2OVAMU8XMkeQOQysGGf7rV09HS4dbBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFUdanubXRbqaxBM6RkrhNxHqdvfAycd8UpPlTYnorl6iuc0TUUfUpo7TWG1awW38yS4kZGEMmfu7lAHIySvbHbNW/EV7f2dnbS6XNbIZLiOFvPhaQEOwUEYdemc+/tU865b/1vYhVE4uXY2KKwbm91nRUF1qclne2KkCdre3eF4VJxvwXcMB36cc81o3usafp0kMd9dJC05xGG/iOQP6impIfOtb6F2is5Nf0qTUv7PS/ha63FPLDZ+brtz03e3Wi/wBe0zTbgQXd0qzld3lIrO+PXaoJx70c8bXuPnj3NGiq9lfWuo2q3FjOk8TEgMp7jqD6H2qneeJNIsLpre6vUSVADIArN5ef7xAIX8cU3JLdhzRte+hqUVSs9Y0/ULiWCxu455IQC4jOcZ9+lXaad1dDTT2Cimu6xxs8h2qoJYnsKx9Hv7fUdYv57LVxeQlIwLUKR5HXJyeu76dqnmV7Cckml3Nqiqt9qVnpqRvf3CQLI4jQucAsegqraeJNIvrtba1vkklfIj4IWTHXaxGG/Amjmje1wcop2bNSiiiqKCisfUr2+fV4NK0t4YJXhaeS4mQvtUEDCqCMkk9zge9JYy65Drn2PUvs9zZ/ZzIt3DC0ZL7gNjDcQOCT7+2KhSu7f1oQ5pO1jZorB8RXOs6dbSXljd2Kwq0aiGazd2+ZgudwlHrnpWpYx38cbDUrm3uHJ+VoLdogB7gu2f0pqV3awc3vcti1RRUN1dQWNq9xdyCKGMZZz0FNtJXZZNRVKTWdPh0tNRkuoxZyAFJv4SD0on1jT7bTU1Ce6jS0kClJiflIPQ0cyJ5o9y7RWVF4m0ea8W1iv42kZ9ikA7Gb+6HxtJ9gc1fu7uCxtXuLuQRQp95z0FLmTV76ApRezJqKyfD06XNrdTQ6p/aUb3TsjhceUDgiP8P61D4i8S2ug/ZklmiWWaeNWWQE4jLYZuPQZpOaSTfW34i9ouRzexuUVn6frumapM0Wn3aTuq7iqg8D8afqOsWGlCP7fcLE0hIjQAs7464UAk/gKfMrXvoPmi1e+hdoqjp2tadqrSJp92kzxgGSMZDJnpuU8jp3q9TTTV0NSTV0FFFFMYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVy1z/yVzTv+wJc/wDo6Guprnpvh/4NuZ5J7jwloUssjF3kfTYWZ2JySSV5JPehaST7X/FNfqHRr+t7mlrv/Iu6l/16y/8AoBrjfhv4i8KWfws0qOK9stPis7JFvILiRYmhk2guXVsHJJJyeuc85rpNW0/+y/B9xp3hjRoWBiaKGytfLt0XdnJGcKByTWb4T0MT6PYJ4m8K2ttf6bbQwRTz+TOz7EAJVhkryP1oj9r5fr/mD2j8/wBCX4cxNF4TLRwvBZS3lxLYQupUpbNKxjG09Bg5A7AgVS+GWjWFppWoalDbr9tvNSvRNOxLMyrcyAKCeij+6OMknqTXW6jplhq9i9lq1lb31rJgvBcxLIjYORlWBB5rJtvAPg6zuorm08J6HBPC4eOWLTYVZGByCCFyCD3o6/gHT53/AD/zN9EWONUjUIijCqowAK5fwF/x4az/ANhu9/8ARpra1bQtI163SDXNLstShjbekd5bpMqtjGQGBwcd6z7bwF4PsrqK5s/Cmh29xC4eOWLToVdGHIIIXII9aFvd/wBbf5A9Vbzv+DX6mf4os7e8+IHg4XUEcwilupYw652uIhhh7iptVAX4peHXUYZrC+ViOpGYTj861b7wvoGp6nHqOpaHpt3fRbfLuri0jklTacrhyMjB5HPFOufDmiXmrw6reaNp9xqMGPKvJbVGmjxyNrkbhjJ6GhboGY+usE+JHhQuQoaK9RSTjLFEIH1wCfwNdKbq3F2tqZ4xcMhcQ7xvKg4LY64yRz71X1XRtN12y+yaxYwXtvuDCOeMMAw6EZ6Eeo5qvo/hjQ/D5kbRNJs7F5eJJIYQryf7zdT+JoQGX4m/5HLwd/1/T/8ApLLXU1h33gfwnql7Jeal4Y0a8upTmSe40+KR3OMZLFcmr+l6Npeh2htdE020063LFzDaQLEhY9ThQBngc0IHucj8UQUXwndyD/RrbxHaPOeyg7kUn23Mtd3Wd4g0S18SeH7zSL/PkXcRQsv3kPUMPcEAj3FWdPhuLbTbaG9uBdXMcSpLOE2eawGC23Jxk84zQtmvO/4Jfp+IPdPyt+P/AAfwJIraGCSV4YUjaZt8jKoBdsAZPqcAD8KkoqC8sLPUbfyNQtYLqHO7y54w659cGq3fvD3epl+EefC9vn/npL/6NamXMEUvj6weSNXaLT52jLDJU74xkehwSPxrQsdE0rTJml03TLO0kZdrPb26Rkj0yB0pW0bS31EX76baNeAgi5MCmTIGAd2M9K6XVh7WU1fW/wCPzNXOPNKXe5RAA8eEjjdpo3e+JeP5n86ydEi1f+0NXitr/ToLr7bI80dxZPJKVJ/dtuEq5XZtA4wMY6g10n9jaX/aP9of2bafbc5+0+QvmZxjO7GenFJqGi6bqrI2o2UNw6cI7oCyj0B6iqjXily+SWye3r0+4r2i29OnYoaLZy2uuajJc6lYz3EyRtLb2kJi2EZAdlMjHJGBnjO0Vu1WsdNstMgMOnWkNrGTkrDGFBPqcdTVmuerPnnf/gfkZTlzSuFcbo3h2PULcXf2y6jeHVp5vL852iOy4fjZnaM464966+WGO4heGeNZYpFKujqCrA9QQeoqja+HdEsblLiy0ewt50+7LFaojLxjggZFaUa3s4NJtN/8EqE+WLSf9a/5lPxcF/sWMzjNmt1C14MceSHG7P8As9M+2am8RSaefC12b0o1q8JCBTncSPkCerZxjHfGK1yAwIIyDwQe9Zlt4b0WzuxdWul2sUyklXWIDYT3X0/CinUgopSvo76f1ptvqOM4q1+g2QXA8HsL7m5FgfOP+35fzfrmo/DGm2ll4Xso7eBVWaBJJSeTIxUZLE9T9av32mWGpxqmpWNteIhyq3EKyBT6jI4qG08P6Np9wLiw0mxtplBAkhtkRhnryBmj2kXTcbtNu/l+YuZcnKUb1o08b6eb0gRm1kW1L/d87cNwH+1t6e26ruoLpf8AaWnPftGLtJT9jBPzlipBwOpGCc9qtXlla6hbNb31vFcQt1jlQMp/A1XsND0vS5Gk0+wggkYYaREG4j03dce1HtIOKu2mlbT5/dvroHMmr9bWOfs49UHizWkt72wt7mSVHVbqzeR3h2AKVYSr8oO4Yxwc+tX9OsriDxRLcX2p6fJcy2u17a1tzEzgMNrsDIxOMkZx/FWrqGk2Gqoi6jZw3IQ5QyICUPseo/Ciw0nT9KRl02ygtQ5y/lRhSx9Se/41pLEKUfO1tl+e/wDW5Uqqa/4C/Mt1DeCY2M4tTify28sn+9jj9amorjTs7mKdncxfCr2Q8KWn2UqqRxYnDcMsgH7zf/tbs5z3pnhLZ/Zt01qMWDXkrWeOnlZ/h/2d24j2xVq78OaNfXRubzS7WaZsbneIEvjpu9fxq/JBDLbtbyxI8LLsaNlBUrjGCOmMdq6alWElK1/ed3fp/n66fiaSlFppdTJ0T/kOeIP+v2P/ANJ4q2qyP+ES8Of9ADS//AKP/CtcAAAAYA6AVnWlCTTj5fgrdyZuLd0FYviTrpP/AGEov5NW1VS+0nTtU2f2np9reeXnZ9ohWTbnrjIOOgpUZKE1KQQaTuzM8WXEcukSaVGwe91AeRDCDluTy2P7qjJJ9qTxjbpc6FFby7vLkvbZG2sVODMgPI5Fadjo+maYzNpunWlmzjDG3gWPd9cCmXuhaTqU4m1HS7K7lC7RJPbo7AemSOlbQqwhKNr2i7+d9PPyNIzjFq3QswWlva28UFvBHFFCMRoigBO3A7Virdarq1/erYXltp9tZzGA7oPNkdgASTlgFHPAwc9c1q2Ok6bpe/8AszT7Wz8zG/7PCse7HTOAM9TUN74e0jUbn7RfabbTykAF3jBLAdAfUfWphOEZNvXzsn+DdiYyim7/AJfoZXg6f7RNrj/bIb3/AImGDPAmxGIhjBwMnv155NHhm/sLDQ3t7+5htry3kc3yzOFbzCxJc56huoPTGK24NK0+1u2urawtYbhkCNNHCquVGMDcBnHA49hVHV0ka9jePw7FqTIuUnd41KHPT5uR+FaupCrJx6O3ZbK3p+RfNGba727LYo+BGtm0q/awiMVs2oztEhXbhSQRx2Hce1dPWboVhPYWUpvWQ3NzO9xKI8lVZj90E9QBgZ71pVhiJKdWUkZ1WpVG13CsW1/5HfU/+vG2/wDQ5q1bm2gvLd7e7hjnhkGHjlQMrD3B4NZv/CJeHP8AoAaX/wCAUf8AhRTlBRkpN66beafcIuKTT6h4k+xSWNvbX901obi5jW3mUA7Zgd6deOq9+vSqF+dQsLjT21iWx1KA3caRhYGhmSRjtDL8zBsZJIwOMmt6fT7K6tVtrq0gmgT7sUkQZV4xwCMdDiqtl4e0jTrkXFlp1vDMBhZFQblHoD2H0rSnWhGFnfr0X57oqM4qNv6+80qKKK5DEwvEsc8djLd/brlYl2IttDIIlLMwUM0gG8DLAnaRwDUWgWi6Xq9xYS29ibgwLMbq2iZHcFiMPuZmJyOCWOeemK6CWKOeJ4pkWSN1KsjjIYHqCO9V7DS7HS0dNOtIbZXOX8tANx9/WuqNdexdN/1/X4m3tP3fKZ+sf8jBoH/XzL/6Ietqs258OaJeXD3F5o2nzzOcvJLaozN9SRk1astPs9NgMOnWkFpEW3GOCIIpPrgDrUTlCUIpN3S7ebffzJk4tK3QsUUUVgZmLc/8jxp//Xhcf+hw0eLf+Rck/wCu8H/o5KfqemX8+r2uoaZd28EkEMkLLcQNIGDlDxh1wfk/Wr17ptlqcKxanZ295Gp3BJ4ldQfUA5rrU4RlTlfbf72zbminF9jlPGQ/sTT9WuV4sdUtJI5h2jn8shH+jDCn3C+tdjD/AKiP/dH8qgGmWA077ALG2FljH2YQr5eM5xtxjrUlytwbV1sXiimx8jSxl0H1UEE/mKmpVU4Rh1XXy0sKU1JJdv8Agf5GX4Y/49dQ/wCwlc/+jDW1161m6Hps+mWUsd3PHPNNcSTu8cZRcu2cAEk/rWlUV5KVRuOxNRpzbXcjt7eG0t0gtYkhhjGEjjUKqj2ArntL8eaTrPjfU/C2npdS3ulqGupfKHkoTjC7s9eemOx9K6WuT8BeCh4PtdSlup0u9U1a+lvLy5VcBizEqozzhQfzJrK7crv+mQ9vMuePv+Sc+Iv+wZcf+i2qe61zT/D3heG+1W4SGJIE2gn5pG2jCKOrMTwAOSav6lpen6zZNZ6vY21/auQWguoVlRiDkEqwI4rO0/wV4W0m8S70rw1o9lcp9ya2sIo3X6Mqgip7+YdvK/42/wAjJ0jTrnSvg6LS+jMVymlytLGesbMrMV/DOPwq14B0PTdK8A6XBZWkaLc2kUs5YbmmdkBLOTyx+vbA6CtfVtA0fX4Y4td0mx1OOJt0aXlskwQ9MgMDg1V03wb4Y0a9W80jw5pFhdKCFntbGKJwDwQGVQapbyfe34X/AMwey8r/AI2/yM7VNT1vUfFsvh/QLuz037LaR3VxdXMBndw7MqrGm5RxsOWJPUDHesbwvPO3xd1e2vNctNYuLfSYUle2txCYj5rkI4DsC3Oe2AeldfrPhjRPEJiOt6XbXrQ5EbyxgsgPUBuoB7jvTbbwj4cs57Sa00DS4ZrIFbWRLOMNADnOw4yvU9PU0o6NN+f43CWqaXl+DT/QwPD9/YaT408T2+tXENrql1drPC9w4Qz2ojQJsJ6qpDggdDknrVLwReaRqHxQ8Y3eghGt5YrPzJ4h+7uJB5oZ1PRhxgkcEqa6XxTC09vAn/CLQ+Il3kmOZoQIvQ/vOPyqv4W0jUIdU1HWdXtrexmvUhghsLd9628MQbaCwABYl2JwMAYAz1oj+St/X9eYS/P+v6+4yvHYM/jnwFbQf8fI1SW446iJLdw5+nzKPxru6xY/DynxpN4hurjz5BaLaWkOzAt0zukOc8liFyeOFAraoWi/r0/JIHvf+u/6hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQ3UUs9s0cFw1s7dJUVWK/QMCPzBqaik9QOGurUo1/qNwIdRg02bY8eolpZJCApLKNwjjPzcAJzxyM1v+J/8AkG2mBgfb7bj/ALarV2bR9NuL9L2ext5LlMFZWjBYY6HPt29KffaXp+pqi6lY214qHKi4hWQKfbI4rJQajbzX4f5/gYeydpLv/wAEzvFd1Euh3FgrB7u+ja3t4AfmdmGM49BnJPYCo/FluG8IvbyFsF4EYqxB/wBYg4I6VpWWi6XpsjSadptnaOwwzQQKhI+oFF7oulanKsmpaZZ3cijarz26yED0BIpyi2n5jlGUk/SxNbWVtZ2sVtawRxQxfcRV4X/6/vWOLrVdWv71LC8trC2s5vJO6DzZHYAEk5YBRzxwc9a07HR9M0xnbTdOtLNnGHNvAsZYe+BzUV74f0jUbn7RfadbTy4ALvGCWA6A+o+tOSkxuMuVJaGV4PmM82uN9shvT9uwZ4E2IxESA4GT/Ol8NX9hYaLJb31xDbXkEkhvVmcK28sSXOeoI5B9MVtQaVp9rdG6trC1huGQIZY4VVyoxgZAzjgce1UdXSRryN4/D0WpMi5Sd3jXYc9Pm5H4VPK4peliVFwV+1+/UpeBmtn0zUGsIjFbNqMzRKV2/KcEYHYHqPaumrN0OwnsbOU3rIbm5ne4lEeSqFj90E9QAAM960q0grQin0S/Iukmo6+f5hWLa/8AI76j/wBeVv8A+hS1rXFtBd27wXcMc8Mgw8cqBlYe4PBrM/4RPw5/0ANL/wDAKP8AwpSUm010Cak7WIvGMST+GpIpkDxvPArKw4IMyZFL4mRE0yzCKFEd9bbMDG396o49OOKv3ekabfwRQ32n2tzFD/q45oFdU4xwCOKS50bTLy2it7vTbSeGAYiilgVlj4x8oIwOPSk4u7a7r8CZQcr+at+f+ZdopFVUUKgCqowABgAUtaGxiXz6RqmvDSbwMt9BCLiJ0kMThWJB2MpDfw8j6VHaNNp3ieLTI7+e9glt3leO4YO8BBUKd2M4bJGGz0471p3uj6dqWft9jb3BOPmkjBPGcc9eMn8zS2GlWGlxsmnWkNsHOX8tACx9Sep/Gs1F81zFwk5XKHi3/kXJf+u0P/o1a2qz7vw/o1/cNcX2k2NzM2AZJrZHY49yM1PY6ZYaZG0em2VvZo5yy28Sxhj6kAU0ndtlWlz36f8ADlmkb7h+lLRVNXVjQ5zQ7y3s/h9az3U8cMUdsQ7u2ApGQR9c8YqpKA/wgAPIOlL/AOgCtweHdGF8b3+zLX7QW3mQxAnd3b6+/WntoWkNYrZNpdkbRW3rAbdPLDeu3GM+9ZOEmmn1Vv6+8wUJJJdk1+X+Rn+JIIrfwVPFBGsccUaeWqjATDLjHpit8dKpSaNpc1jHZTabaSWkZylu0CmND7LjA6mnT6Tp11ZR2dzYWs1tFjy4JIVZEwMDCkYHFaa3bLjFp/IoeHv+PjWf+wi//oCUeKCFsbJmOFXULYknoB5gqaPwvoEMqyRaHpqOhDKy2kYKkdCDitCe3hurd4LmJJopBteORQysPQg1Ki+RLtb8Lf5C5ZOMovrf8biyTRRMiyyIjSHagZgNx9B61iX0Ud34mxp2pC01W3thuR4hIrxMxx8pIPVeoI96u2Xh7SNOuBPZabbRTAYEojG4D0B6gU++0XTNTbff2FvcPgAO8YLDHTDdR1P50SUmkOSlKNmZ+mTTR+Jrm11FLSa8Nsjm6tUZMoGICuhLbTkkjk559K3qq2Gl2OlxNHp1pDbKxywjQDcfUnufrVqqimo2Y4RaWoUUUVRYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUN3eW2n2ct1fTx21vCu6SWVwqoPUk9KaTbsgJqKw9O8Z+H9Vvks7LUVNxKCYo5Y3iMoHXZvA3/8BzWhqdjPqFqIrbU7vTXDBjNaLEXI9P3iOMfhnjrWsqM4TUaq5fVP/hxJp7FyisHwVe3eoeE7afUbl7q482aNpnVVZwkzqCQoAzhR0Aq9q+vaZoMUb6teJb+c22JMFnkPcKoBZvwFOVCcazopXabWnl2BO6uaFFZOkeKNF12eSDS7+Oe4iXdJAQUkjHTLIwDD8RSat4q0XRLpbbUb5UuWXeII0aWQL/eKICQPcjFL6vW5/Z8j5u1nf7gutzXoqppuqWOsWK3ml3UV3bsSBJE2RkdQfQjuDyKt1nKLi+WSsx3vsFFFFSAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVxfxGW526DMk9rb2cOpK1zLeQNNDGdjCNpFDp8ocrzuABKntXaU2WKOeF4pkWSN1KujjIYHqCO4row1b2FVVLXt/wwmrpo4jxJpOvX2huNb8TeHrS1RklW7OlyRmB1IKurtc4DA9DXcL90c546jvWHaeCPC9jeJdWmg6fHNGcxsIF/dn1Ufw/hiruqaBo+uCIa1pNjqIhz5f2u2SXZnrjcDjOB+Vb1q1Ooowu+VX+zFb26J+Xf/gyk07mX8P/APkTYP8Ar4uv/SiSotahgv8AxlaQ6drH9na/a2byRq8IlSWCRwGBUkZ+aMfdII+hrQsvB3hnTbyO707w5pNpcxHMc0FjEjocY4YLkcVPqnh3RtbIbVtLtLxwAFkmhVnUDOMN1HU9D3NU69L6zKqm7O/RaX8m2mvuHZ8tjE0ue7t/HhstbTTrvUJNPLx31jE0TCJZANkkbM2Mlsg7ucNwMVj+GoPEA1rxDBZ6ro9tff2lLJPFd6bJLO0ZP7ltwnXcnl7QMKAMEdQa7XSdA0nQo5E0fT7ezEpzIYowDIexY9T+NM1bw5o2utG2r6ZbXbxDEcksYLoO4DdQK0WMpqUklo0leye3916W8k+z8hcrf3/pYyfDem3Fj4p1ea+1nTLq7uYoWns7C2MGxhuAlZWlc5YYGeMhB6V1NUtL0bTNEtjb6PYW1jETuZLeIIGPqcdT7mrtcWIq+1qc3otktlbZaDirBRRRXOUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXnHij4hacfFdvoNr4pXRoY4ppL26hhWSUOjKoiXzEZRncxJ2n7vGKXWwdLno9FcvpWtWGleGJNY1LxXLqums/yXt3FEmwZ27f3UaA8+1LP8R/CVvLsfW4CAqs8kau8cQYAje6gqnBB+YimB09FVLnVLGz0ptSuLqNbJUEhnB3LtPQgjqOe1ZE3j/wrb6dbX0ut2ot7rd5BUlmk2khiFAzgEHJxgd6AOiorPu9e0ux0VdWub6FdPZVZbkNuRg33SCM5ByKzvBNwl1oMk8Ovf29HJdzsl0EK7FLkiLBJ+4Pl/CjrYOiZ0NFY+q+LNB0O8FrrGq21lOYTMEmfblBxn8+3Wl0XxVoviGSWLSb0TTQgNJC8bRyKp6NscA4OOuMUbhsa9FcZr3xI0fQfGVho11f20SSJMbsurFoiqqUAxxzuPr+FdDo3iHSvEMEk2i3sd3HE212QH5T1xyKFqroNjSorgvHPj6x0rVLDQrbXotLuri52Xdz5XmPaxiNnyqsCu4kKASCBnoa2PB9xHfRXF1aeLLvxDa5EY+0wwJ5TDk8xxR54I6g0LUHodLRWB418Qv4a8K3F7axrLfSMltZRN0knkYJGPpuIJ9ga19PiuYNNtor65+1XMcSrNOVC+Y4HLYGAMnnAoWv9f1/TAsUVyfg/UNXvde8SQ6rdGaCzvPJtlMarsXk9QBngr1rRvrvVZfEQ07Tbi0tkW1E7PPbNMSd5XAxIuOnvXTPDyhUdNtaK9+m1+3maypOMnFvY26K5G01jX20yx1G4udPeK4vEt3hSydWAMvlkhjKee/Srl7qn9j+Kl/tDVHWxntHkEMoTajh0UBMLuJO48Emm8LPm5U03r36brYboyvY6KiqenatY6qshsJxKYziRSpVkPbKkAj8RUV/r+maZOILy6CzFd3lIrSOB6lVBIHvWPs6jlycrv2M+STdramjRUFlfWuo2q3NjPHcQtwHjbIz3Hsfap6hpp2ZO2jCimTCRoXEDqkpU7Gddyg9iQCMj2yK5zTLrxDqFm076ppUGLiWAA6e5yUkZP8AnuOu3OPetIU+aLldK3r+iZcYXV7nTUVl6RdX5hvRrRhDW05RZkhaFHjCqd2GZu5IznHFMtvFOi3dzHBBfxs8p2xEqyrIfRWI2t+BNDozu+VXt2DklrbWxr0VV1DUrPSrb7RqE6wRbtu9umf8iqs3iXRreeKGbUYFeVVZRu6Bvuk/3Qe2cZpRpVJK8YtiUJPZGpRVe+1C0022Nxf3CQRZA3OcZJ6Aep9hVO08SaRfXKW1vep9oc4WGRTG7cE8KwBIwDz7UKnOUeZJ2BRk1dLQ1KKoajrenaU6JfXKxySDKRKpd2HqFUE498VLYalZ6pbmfT7hJ4w21ip5U+hHUH2NL2c1Hns7dw5ZJXtoWqKKKgkKKybrxRo1lcyQXF+ivEcS7VZliP8AtMAQv4kVpfaIfsv2kSKYdm/zFOQVxnOfTFXKnOKTaepTjJbokoriX8V2mpareKviRtNtbdljhFvEjNKSgYsS6NxlsYAHSuvskdLKISXLXTbc+c6qpf3woA/IVrVw86KTn19f8rFTpyhbmJ6KKxvEN5qVn9g/sya1i+0XKwP9ot2kxu6EYdemDx3z2rKnBzlyomMeZ2NmisGa+1fRmjm1aSzu7FnWOSW2gaFoNxwGKl3DLkjPIxnPNaN3q9hYXcFteXSQzXBAiRv4yTgfrVOjLTl1v2G4PpqXaKzoPEGlXOomxt7+GS5BK7FbOSOoB6EjuByKL/X9M024EF3dKs5Xd5KK0j49dqgnHvS9lUvy8rv6BySvaxo0VXsr611G1W5sZ0nhYkBkPcdQfQj0qneeJdIsLpre6vUSWMAyAKzCPP8AeIBC/jihU5ylypO4lGTdkjUoqlZ6xp+o3EsFjdxzyQ48wRnO38elXamUZRdpKwmmnZhRTZJFijaSQ7UUFmJ7AVjaNf2+o6zqFxZawLyFkiC2oUgW+AwJyeu76dqqNNyi5dENRbTfY26KiurqCytXubyZIIYxl5JGwqj61nW3ijRrq5jt4r1VmlOI0lRozIf9ncBu/CiNOcleKbQKMmrpGtRRRWZIUVzeu34h1gQX+sPo1mLcPDMhRfOl3EFdzqQSoCkKOu49cVq6PdzXOk2b3+EvJYA7oRtY+p29R9O2cVtKjKMFPv8A1/XY0lTaimX6K5jxJ4ntrK8ttMi1NLKaabbPNs3tCmwtkAgjJwByDjPSr+gSrcxyzwa5PqsOdg86ONdh6nlEXPUdaqWHnGmqktE/X/K34jdOSjzM2KKKK5zIKKw9UN5ceJbGwttRuLGF7aaZzbrGSxVowPvo3HzHpWzKjSQPGsrxMykCRANyn1GQRn6jFaSp8qi29ynG1tdx9FYeivdxa3qljdahPfR26wtG06xhl3Bsj5FUdh2o1q6m0/WdKnOoPBaSytHPC4jEW0RSPuJK7gcqP4scdKv2L5+RPpfr2uV7N83L8/wublFZdl4k0nULpba0vVaZwSisrJ5gHddwG78M0niLXrbw/pM91cSIsgidoUbP7xlXOOPwqVRqOahyu7Eqc3JRtqatFcrol8uoXUAj8VzXdxjzJbZYIljYdwP3e4D/AIETV/xX9rg0C7vrDUbizktLeSVViWNlkIGRu3oxxx2I61o8O1UVNvV+v+RXs3zqF9/X/I26KbGSY1J6kDNcr491HVtOg0g6NdG3a51GO2lIjVsq+f7wOOlRRoutUVNO1+5NODqS5UdZRRRWJAUVyfiXUfEcHivR9N0O+0y2g1FJtxu9PknZGjXdkFZkBBBAxjjGcnpTotY17RNasrLxSbC7tNQk8i3v7GB4BHNgkJJGzvgMAcMG6jGORQtQeh1VFZU/ifRbbXU0a41GGLUZFLLbucEgKWJ9OgJ/Co9H8X+H9fvJLTRtWtryeNS5WJs7lBwWU9GXPGVyKNw2Nmiudv8Ax94Y029mtLrVYzPA22dYY3mEJ9HKKQn/AALFbttcwXlrFc2k0c8EyB45Y2DK6nkEEdRR0uHWxLRXOf8ACwPC39omy/tmDzBL5JfDeV5mcbPNxs3Z4xuznitHSde0zxJYy3GhX8d1ErGMzRchWx7j3o6XQdbGlRXNeB9du9X0m6tNXdW1bSbp7G9ZVCiRl5WQAdA6FW9OSO1dLQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVR1qe5tdFuprEEzpGSuE3Eep298DJx3xSk+VNieiuXqK5zRNRR9SmjtNYbVrBbfzJLiRkYQyZ+7uUAcjJK9sds1b8RXt/Z2dtLpc1shkuI4W8+FpAQ7BQRh16Zz7+1Tzrlv/W9iFUTi5djYorBub3WdFQXWpyWd7YqQJ2t7d4XhUnG/BdwwHfpxzzWje6xp+nSQx310kLTnEYb+I5A/qKakh861voXaKzk1/SpNS/s9L+FrrcU8sNn5uu3PTd7daL/XtM024EF3dKs5Xd5SKzvj12qCce9HPG17j549zRoqvZX1rqNqtxYzpPExIDKe46g+h9qp3niTSLC6a3ur1ElQAyAKzeXn+8QCF/HFNyS3Yc0bXvoalFUrPWNP1C4lgsbuOeSEAuIznGffpV2mndXQ009gopruscbPIdqqCWJ7CsfR7+31HWL+ey1cXkJSMC1CkeR1ycnru+nap5lewnJJpdzaoqrfalZ6akb39wkCyOI0LnALHoKq2niTSL67W2tb5JJXyI+CFkx12sRhvwJo5o3tcHKKdmzUoooqigorAvbnW/8AhJY7CyvLCKGa3eZTLZPIy7SowSJVzndnOBUtnPrKaxBDeXFpe2c0Mjma2tHj2MpUAFjIwOcn06VCnfoZ8+rVv6/pm1RWVN4n0a3kkjkv4/Njfy2iUFn3egUDJ/AVdsr+11K1FxYzrNESRuU9COoPofY01JPZlKUW7Jliisq68TaPZXT29zfRpJGcSYBKx/7zAYX8SKs2WrWGozTRWN1HO8BxIEOdpoUovZhzxva5corBiF7ZeLILWTU7m7t7i2mlMc6RAIysgGCiKejHqTW3LKkELyzMEjjUszHsBQpJq4Rldtdh9FYuiXsGoalqNxaauL6Fmj2wBSPs3y4x75IzWrc3UFlbPcXcyQwxjLySNgKPrRzK1wjJSV0S0Vk23ijRrq5jt4r1VllO2NJUaMyH/Z3Abvwqtq+oNpPiKxmudSaGwmSUSxSBBGu1QQQdu7OT6/hSc4pX6EupG11qb9FUdP1rT9VeRLG4DyRgF42RkYA9DtYA496vVSaaui1JSV0FFFU7TV7C/hnls7pJUt2Kylf4CBnn8KLpBdbFyiqVlq9hqNrLc2V0k0MRIkdf4SBk5/A1TbxdoIRWGpRurDdmNWfaM4y2B8oyDycdKTlFbsnnja9zZopscqSwrLE6vG6hldTkEeoNYthqVrqXiWSSx1lZ41ttpsVU/KwbmTP4gdKbdmkNySt5m5RVPVdTt9J0+S6upViVQQpfOC2OBxWZo/i/S9StLLfewi7uI0LRKG4cgZAz70uePNy31/zFKcYtJs36Kgvb61061a5vp0ghXgu5wMnoPc+1UrPxJpN9dJbW94v2h87IZEaN2wM5CsASOOtPmV7XG5RTs2alFFFMoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArlrn/krmnf8AYEuf/R0NdTXPTfD/AMG3M8k9x4S0KWWRi7yPpsLM7E5JJK8knvQtJJ9r/imv1Do1/W9zS13/AJF3Uv8Ar1l/9ANcb8N/EXhSz+FmlRxXtlp8VnZIt5BcSLE0Mm0Fy6tg5JJOT1znnNdJq2n/ANl+D7jTvDGjQsDE0UNla+Xbou7OSM4UDkms3wnoYn0ewTxN4Vtba/022hginn8mdn2IASrDJXkfrRH7Xy/X/MHtH5/oS/DmJovCZaOF4LKW8uJbCF1KlLZpWMY2noMHIHYECqXwy0awtNK1DUobdftt5qV6Jp2JZmVbmQBQT0Uf3Rxkk9Sa63UdMsNXsXstWsre+tZMF4LmJZEbByMqwIPNZNt4B8HWd1Fc2nhPQ4J4XDxyxabCrIwOQQQuQQe9HX8A6fO/5/5m+iLHGqRqERRhVUYAFcv4C/48NZ/7Dd7/AOjTW1q2haRr1ukGuaXZalDG29I7y3SZVbGMgMDg471n23gLwfZXUVzZ+FNDt7iFw8csWnQq6MOQQQuQR60Le7/rb/IHqred/wAGv1M/xRZ2958QPBwuoI5hFLdSxh1ztcRDDD3FTaqAvxS8OuowzWF8rEdSMwnH51q33hfQNT1OPUdS0PTbu+i2+XdXFpHJKm05XDkZGDyOeKdc+HNEvNXh1W80bT7jUYMeVeS2qNNHjkbXI3DGT0NC3QMx9dYJ8SPChchQ0V6iknGWKIQPrgE/ga6U3VuLtbUzxi4ZC4h3jeVBwWx1xkjn3qvqujabrtl9k1ixgvbfcGEc8YYBh0Iz0I9RzVfR/DGh+HzI2iaTZ2Ly8SSQwhXk/wB5up/E0IDL8Tf8jl4O/wCv6f8A9JZa6msO+8D+E9UvZLzUvDGjXl1KcyT3GnxSO5xjJYrk1f0vRtL0O0Nromm2mnW5YuYbSBYkLHqcKAM8DmhA9zkfiiCi+E7uQf6NbeI7R5z2UHcik+25lru6zvEGiWviTw/eaRf58i7iKFl+8h6hh7ggEe4qzp8NxbabbQ3twLq5jiVJZwmzzWAwW25OMnnGaFs153/BL9PxB7p+Vvx/4P4EkVtDBJK8MKRtM2+RlUAu2AMn1OAB+FSUVBeWFnqNv5GoWsF1Dnd5c8Ydc+uDVbv3h7vUy/CPPhe3z/z0l/8ARrUy5gil8fWDyRq7RafO0ZYZKnfGMj0OCR+NaFjomlaZM0um6ZZ2kjLtZ7e3SMkemQOlK2jaW+oi/fTbRrwEEXJgUyZAwDuxnpXS6sPaymr63/H5mrnHmlLvcogAePCRxu00bvfEvH8z+dZOiRav/aGrxW1/p0F19tkeaO4snklKk/u23CVcrs2gcYGMdQa6T+xtL/tH+0P7NtPtuc/afIXzM4xndjPTik1DRdN1VkbUbKG4dOEd0BZR6A9RVRrxS5fJLZPb16fcV7RbenTsUNFs5bXXNRkudSsZ7iZI2lt7SExbCMgOymRjkjAzxnaK3arWOm2WmQGHTrSG1jJyVhjCgn1OOpqzXPVnzzv/AMD8jKcuaVwrjdG8Ox6hbi7+2XUbw6tPN5fnO0R2XD8bM7RnHXHvXXywx3ELwzxrLFIpV0dQVYHqCD1FUbXw7oljcpcWWj2FvOn3ZYrVEZeMcEDIrSjW9nBpNpv/AIJUJ8sWk/61/wAyn4uC/wBixmcZs1uoWvBjjyQ43Z/2emfbNTeIpNPPha7N6Ua1eEhApzuJHyBPVs4xjvjFa5AYEEZB4IPesy28N6LZ3YurXS7WKZSSrrEBsJ7r6fhRTqQUUpX0d9P60231HGcVa/QbILgeD2F9zciwPnH/AG/L+b9c1H4Y020svC9lHbwKqzQJJKTyZGKjJYnqfrV++0yw1ONU1KxtrxEOVW4hWQKfUZHFQ2nh/RtPuBcWGk2NtMoIEkNsiMM9eQM0e0i6bjdpt38vzFzLk5SjetGnjfTzekCM2si2pf7vnbhuA/2tvT23Vd1BdL/tLTnv2jF2kp+xgn5yxUg4HUjBOe1WryytdQtmt763iuIW6xyoGU/gar2Gh6XpcjSafYQQSMMNIiDcR6buuPaj2kHFXbTStp8/u310DmTV+trHP2ceqDxZrSW97YW9zJKjqt1ZvI7w7AFKsJV+UHcMY4OfWr+nWVxB4oluL7U9PkuZbXa9ta25iZwGG12BkYnGSM4/irV1DSbDVURdRs4bkIcoZEBKH2PUfhRYaTp+lIy6bZQWoc5fyowpY+pPf8a0liFKPna2y/Pf+typVU1/wF+ZbqG8ExsZxanE/lt5ZP8Aexx+tTUVxp2dzFOzuYvhV7IeFLT7KVVI4sThuGWQD95v/wBrdnOe9M8JbP7NumtRiwa8lazx08rP8P8As7txHtirV34c0a+ujc3ml2s0zY3O8QJfHTd6/jV+SCGW3a3liR4WXY0bKCpXGMEdMY7V01KsJKVr+87u/T/P10/E0lKLTS6mTon/ACHPEH/X7H/6TxVtVkf8Il4c/wCgBpf/AIBR/wCFa4AAAAwB0ArOtKEmnHy/BW7kzcW7oKxfEnXSf+wlF/Jq2qqX2k6dqmz+09Ptbzy87PtEKybc9cZBx0FKjJQmpSCDSd2Zniy4jl0iTSo2D3uoDyIYQctyeWx/dUZJPtSeMbdLnQoreXd5cl7bI21ipwZkB5HIrTsdH0zTGZtN060s2cYY28Cx7vrgUy90LSdSnE2o6XZXcoXaJJ7dHYD0yR0raFWEJRte0Xfzvp5+RpGcYtW6FmC0t7W3igt4I4ooRiNEUAJ24HasVbrVdWv71bC8ttPtrOYwHdB5sjsACScsAo54GDnrmtWx0nTdL3/2Zp9rZ+Zjf9nhWPdjpnAGepqG98PaRqNz9ovtNtp5SAC7xglgOgPqPrUwnCMm3r52T/BuxMZRTd/y/QyvB0/2ibXH+2Q3v/EwwZ4E2IxEMYOBk9+vPJo8M39hYaG9vf3MNteW8jm+WZwreYWJLnPUN1B6YxW3BpWn2t211bWFrDcMgRpo4VVyoxgbgM44HHsKo6ukjXsbx+HYtSZFyk7vGpQ56fNyPwrV1IVZOPR27LZW9PyL5ozbXe3ZbFHwI1s2lX7WERitm1GdokK7cKSCOOw7j2rp6zdCsJ7CylN6yG5uZ3uJRHkqrMfugnqAMDPetKsMRJTqykjOq1Ko2u4Vi2v/ACO+p/8AXjbf+hzVq3NtBeW7293DHPDIMPHKgZWHuDwazf8AhEvDn/QA0v8A8Ao/8KKcoKMlJvXTbzT7hFxSafUPEn2KSxt7a/umtDcXMa28ygHbMDvTrx1Xv16VQvzqFhcae2sS2OpQG7jSMLA0MySMdoZfmYNjJJGBxk1vT6fZXVqttdWkE0CfdikiDKvGOARjocVVsvD2kadci4stOt4ZgMLIqDco9Aew+laU60Iws79ei/PdFRnFRt/X3mlRRRXIYmF4ljnjsZbv7dcrEuxFtoZBEpZmChmkA3gZYE7SOAai0C0XS9XuLCW3sTcGBZjdW0TI7gsRh9zMxORwSxzz0xXQSxRzxPFMiyRupVkcZDA9QR3qvYaXY6Wjpp1pDbK5y/loBuPv611Rrr2Lpv8Ar+vxNvafu+Uz9Y/5GDQP+vmX/wBEPW1Wbc+HNEvLh7i80bT55nOXkltUZm+pIyatWWn2emwGHTrSC0iLbjHBEEUn1wB1qJyhKEUm7pdvNvv5kycWlboWKKKKwMzFuf8AkeNP/wCvC4/9DhrarI1PTL+fV7XUNMu7eCSCGSFluIGkDByh4w64PyfrWjdWlvfWrW99bxXML43xyoGVsc8g8da3m4uMNemv3s0lZqOpl6d/yN+tf9c7b+T1R8aNYrcaA2qhTajUgX3/AHQfKk2k+2cZrR/4RLw5/wBADS//AACj/wAKuS6Vp090lzPYWslwieWsrwqXVcEbQSMgYJ49zWyrU41VNX2t26W7lqcVPm12t+FjL8YGJtDVFKm8eaP7CB97ztwKlfpyT7Z7VZ8Vf8idrH/XjN/6AalsdA0nTbgz2GnW1vLjaHjjAIHoPQewqa+0nTtU2f2np9reeXnZ9ohWTbnrjIOOgqI1IRcEr2Tv+Xn5dxRnFOPZE9v/AMesX+4P5Vl+Lf8AkTdX/wCvOX/0E1ZstC0jTZzNp2l2VpKV2mSC3RGI9MgdOKg8Q6bf6tpstjZXdtbRXETxTGaBpGwwx8uHXB69c1NNwVaLvpfr/wAC4qfKqid9DUi/1Kf7ops9tBchBcQxyiNxIm9QdrDowz0I9aeo2oF64GKWsL2d0ZLQp6vqlromjXmqag5S1s4XnlYDJCqMnA9eKo+E/FFl4y8OQa3pcNzFaXBbyvtMYRmAON2MnjINVvHvhi48Y+DrrQbe8Fkt48azy7cnyg4Lge5AI/GtvT7C20vTbawsIlhtrWJYoo16KqjAH5Ckut/6/r/MH0sc9r3/ACUPwn9Lz/0UKh8X3cGp6to3h6ykWa/OoQXk0aHJt4YXDl3/ALoJUKM9S3HQ1sar4T8O67dLc65oGl6lOqbFlvLKOZguc4BYE4yTx71Y0rQtI0GF4dD0qy02JzudLO3SFWPqQoGaFun21+53B7NHM+P9Ks9b1nwjYanD59rJqjmSIsQrgW0xw2Oo45HQjg8V2KwwxKnlxIoiTagVQNq+g9BwOPase/8ABPhXVb6S91Twzo97dS4Mk9xYRSO+BgZZlJPAq9pWiaVoVq1toemWemwM+9orO3WFS2MZIUAZwBz7ULYHuchYap4j1/Qf+Ej/AOEh0vQtMkDSRwvZed5UYJGZpGkUbuOQAMdMnrVPwqt9qPwCnTRpxNez218trLAvlh2Msu0oCTtzxgZ44rq5PAvhabVG1GXw/p73bSeaZGt1OX/v4xjd/tYzWhp2iaVo73D6TplnYtdP5k7W1ukZlb+820DceTyfWk1eLX9f1/Xo07STOXj8R+Cx8NxH59mNLFp9mNgcb87dvkeV97fnjbjOat/C8AfCrw2ApUDT4vlbqPl6VDq0WpjW7ibR/BFjLfEbIdXuJ4U6jG5sAyYHpjJxW74e0Y6B4VsNHin817O1WETMv3mC43Yz684zVXvzS72/X/Mm1rR7f8A5fwSpl+JHj+7h5tWvbWAEdDLHbrv/APQlH4V3lY/hbw9H4Z0GOwWY3MzO89zcsu1riZ2LO5HbJPTsMDtWxR0S7JfkPq2FFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACobqKWe2aOC4a2dukqKrFfoGBH5g1NRSeoHDXVqUa/wBRuBDqMGmzbHj1EtLJIQFJZRuEcZ+bgBOeORmt/wAT/wDINtMDA+323H/bVauzaPptxfpez2NvJcpgrK0YLDHQ59u3pT77S9P1NUXUrG2vFQ5UXEKyBT7ZHFZKDUbea/D/AD/Aw9k7SXf/AIJneK7qJdDuLBWD3d9G1vbwA/M7MMZx6DOSewFR+LLcN4Re3kLYLwIxViD/AKxBwR0rSstF0vTZGk07TbO0dhhmggVCR9QKL3RdK1OVZNS0yzu5FG1Xnt1kIHoCRTlFtPzHKMpJ+lia2sraztYra1gjihi+4irwv/1/escXWq6tf3qWF5bWFtZzeSd0HmyOwAJJywCjnjg561p2Oj6ZpjO2m6daWbOMObeBYyw98Dmor3w/pGo3P2i+062nlwAXeMEsB0B9R9aclJjcZcqS0MrwfMZ5tcb7ZDen7dgzwJsRiIkBwMn+dL4av7Cw0WS3vriG2vIJJDerM4Vt5Ykuc9QRyD6Yrag0rT7W6N1bWFrDcMgQyxwqrlRjAyBnHA49qo6ukjXkbx+HotSZFyk7vGuw56fNyPwqeVxS9LEqLgr9r9+pS8DNbPpmoNYRGK2bUZmiUrt+U4IwOwPUe1dNWbodhPY2cpvWQ3NzO9xKI8lULH7oJ6gAAZ71pVpBWhFPol+RdJNR18/zCsW1/wCR31H/AK8rf/0KWta4toLu3eC7hjnhkGHjlQMrD3B4NZn/AAifhz/oAaX/AOAUf+FKSk2mugTUnaxF4xiSfw1JFMgeN54FZWHBBmTIpfEyImmWYRQojvrbZgY2/vVHHpxxV+70jTb+CKG+0+1uYof9XHNArqnGOARxSXOjaZeW0Vvd6baTwwDEUUsCssfGPlBGBx6UnF3bXdfgTKDlfzVvz/zLtFIqqihUAVVGAAMAClrQ2Oc1awTUPGVjHJNcwhbGZt1vO0TH54+6kcVa09E8PQaXou57gy+YiynjoC/PX6VYufDui3tw1xeaPYXEz/ekltUZm+pIyaW00DR9PuBcWGk2NtMoIEkNsiMM9eQM1lGLX9edzHkfO5Jf8Np/kUdNgi/4TPWrgxr5wjgQSY5C7ScZ9KfpII1rxAseFJuIyPTJhXmr1vo2l2l493aabaQXL53TRQKrtnk5YDJzTrbSdOsrqS5s7C1t55c+ZLFCqs+Tk5IGTzzQoPRev4jUWret/wAzE8N6jplj4ZWC8uILae2BW+SZwrCX+MsD1yec9wad4E8j/hHZDaRNDAb24MUbLtKr5hwMduO1WtUSX+0Fkg8Ow6hIigpcySRqVPpk/MPwqfRtMey0lre/Mc0s8kks4UZTLsWKjPUc4560o35r9lbt1X+REYtSjHoiC5/5HbT/APrxuP8A0OKtqsj/AIRPw5/0ANL/APAKP/Crp0ywbTxYNY2xswMC2MK+XjOcbcY61cVJI0ipJtvr/kkZ+n/8jdrP/XK3/k9P8R/YpLCC3v7lrXz7mNYJVAO2UHcnXjqvel/4RPw7/wBADS//AACj/wAKv3NjaXluILu1hnhHSOWMMo4x0PtU8r5bP+tRKMuVp9b/AImBqB1CwmsG1eWx1KA3caxgQNDMjk4DL8zBsZyRgcZqxrEEU/irQfOjWTY07ruGcMEGD9auWXh7SNOuRcWWnW8MwGFkVBuUegPb8KluNG0u7vEu7vTbSe5TG2aWBWdccjDEZGKOV2t53/L/AC/qxPs5Wfy/q5SvQB400phwTbXAJ9RmM4raqlNo2l3N8t7cabaS3SEFZ3gVpFx0wxGeKu1cU1uaRTTb7/5BWJpDBfEOvhiAfPibBPbyl5+nB/Ktus+/0LStUnWbUdPt7mRRtDSRgnHofUexpSTumgkm7NdCh4ZuoL281ya0lSaI3+A6HIOIowcH6il8IW8MWizNHEqtNeXDSEDlz5rDJ9eABWkmkabE0xj0+1QzoI5isCjzFAwFbjkY4waS20bS7K3lgs9NtLeGcYljigVVkGMfMAMH8amMWreSt+X+REYSTTfd/iU/CXHhi1A6K0igegEjACkf/keof+wdJ/6MSr9vpOnWlnJaWlhawW0ufMhihVUfIwcqBg8VT/4RPw5/0ANL/wDAKP8Awp8sly+X+TX6hyy5FFeX4NGhfAnT7gAZJibA/A1R8PTxJ4R0yV5UWNbOIs5YADCDPNaUEEVtAkFtEkMUY2pHGoVVHoAOlZp8L6EbkztpNm0hbfkwgjd646Z96dmpNrrb8L/5lSUrprpf8bf5EWvfY7p9Ot5L02tzJP5llKoDAuqk9DwQQTx+VVZnvbPW9LXWHsb/AMyZkt5IoWhliYoctgswYYBB6YyK27zTrLUIhFf2kFyi9FmjDAfTPSoLDQtL0yYzWFhBBKw2mRU+bHpnrj2pcr5r+f8AWn6kyhJu/wDX/BNCiiitDYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiqeq6tZaJp73upTeVCpCjClmdicBVUZLMTwAASaqMZTkoxV2wLlFc7b+M7R7yC31DTtT0oXLiOCW/ttkcjnou4EhWPYNgnp1qbX/F+meGbq0h1b7Sn2slYZI7dpFZ8EhMqDlzjhRya3+q1+dQUXd7eYuZG5RWJpfim21HURYTWV/pt28ZliivoPL85BjJUgkHGRkZyM9Kk1fxJaaRdRWZhur2+mUulnZQ+ZIUBwWPQKueMsQM8VP1erz8nLr/Wvp5hdWua9FcJYaza6j8ULQWcupW08lhcm90+8llXYVaARt5LMUHBbDIMHnk813dOvQlQcVLqr/mv007oSle4UUUVzlBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVx/xBs7l00bUYbm7trfTr3zrmWziSSSJDG6eYFdHBClhn5SQCSOldhRW+HrOjUVRK/wDwdGJq6sea6rLoeo6UbW++J15fQXWAtvbfYZZJTkEbFjgLk5wfl5Fa3jDWdJsPFXhOHUdSs7eVL15SlxOiMFNvKoYgngFiBn14rrorS2hmeWG3ijkf77ogBb6nvU1djxkOZe67Lm/lXxK3SP8Aw/kTyuzOP8Tatp1p4+8K291qFrBO0k+IpJlViGjKrwTnluB6nilGo2fh3x7qkmuzx2kWqRQGzu52CRsEUq0O88BgSWAPXecdDXX0yWKOeIxzxrIjdVdQQfwNZRxMOVQcXbl5Xr/e5rrTTX1HY89m8VaDd/F7SJbe8tfKGn3Nqt+ZFEU8rSQkQo+cOw64GfvY65r0WmoiRRqkaqiKMBVGABTqzxFaFVQUItcqtq79W+y7gk7tvqFFFFcpQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/2Q==)

Figure 2: MATLAB Script

Learning how to automate and have digital tools for analysis is also an essential skill in engineering. Making programs in excel, MATLAB, or any other program can be used to help make calculations for design in a timely manner and can reduce potential for mistakes. That is why I chose to make a MATLAB program that can be saved and built upon to quickly do calculations for drag forces. This is a skill that I realized can be very useful during machine design with the use of excel to help automate calculation during spring and gear design. As engineers it is important to use our skills and knowledge to make sure our design and analysis is accurate, but also done in a timely manner when working in industry.

As a design is conceptualized for the door, I plan to use the MATLAB script to help the team determine whether the door will have any major affect on the aerodynamic forces of the vehicle. Based on this determination, I will build upon my MATLAB code to do an in-depth analysis on the effect of protuberance from the door will have on the launch vehicle. This in-depth analysis will allow the team to determine the best course of action and make changes as necessary.

# References

|  |  |
| --- | --- |
| [1] | N. Hall, "NASA Beginer's Guide To Aerodynamics," NASA, 5 May 2015. [Online]. Available: https://www.grc.nasa.gov/WWW/k-12/airplane/ffall.html. [Accessed 24 September 2020]. |
| [2] | "Drag Coefficient," Engineering Toolbox, 2004. [Online]. Available: https://www.engineeringtoolbox.com/drag-coefficient-d\_627.html. [Accessed 24 September 2020]. |
| [3] | R. Mehta, "Computation of Aerodynamic load on Protuberance over Satellite Launch Vehicle at Supersonic Speed," *Scholars Journal of Engineering and Technology,* vol. 4, no. 7, pp. 301-307, 2016. |