Homework Set 2 in R

DATA 624-01 Group 3

Z. Palmore, K. Popkin, K. Potter, C. Nan, J. Ramalingam

7/8/2021

Table of Contents

[KJ 6.3 2](#_Toc77316991)

[Part A 2](#_Toc77316992)

[Part B 5](#_Toc77316993)

[Part C 6](#_Toc77316994)

[Part D 10](#_Toc77316995)

[Part E 11](#_Toc77316996)

[Part F 12](#_Toc77316997)

[KJ 7.2 13](#_Toc77316998)

[Part A 14](#_Toc77316999)

[KJ 7.5 20](#_Toc77317000)

[Part A 20](#_Toc77317001)

[Part B 23](#_Toc77317002)

[Part C 24](#_Toc77317003)

[KJ 8.1 26](#_Toc77317004)

[Part A 26](#_Toc77317005)

[Part B 27](#_Toc77317006)

[Part C 28](#_Toc77317007)

[Part D 30](#_Toc77317008)

[KJ 8.2 32](#_Toc77317009)

[Part A 32](#_Toc77317010)

[KJ 8.3 33](#_Toc77317011)

[Part A 34](#_Toc77317012)

[Part B 34](#_Toc77317013)

[Part C 34](#_Toc77317014)

[KJ 8.7 36](#_Toc77317015)

[Part A 36](#_Toc77317016)

[Part B 40](#_Toc77317017)

[Part C 47](#_Toc77317018)

[Market Basket Analysis 48](#_Toc77317019)

## KJ 6.3

A chemical manufacturing process for a pharmaceutical product was discussed in Sect. 1.4. In this problem, the objective is to understand the relationship between biological measurements of the raw materials (predictors), measurements of the manufacturing process (predictors), and the response of product yield. Biological predictors cannot be changed but can be used to assess the quality of the raw material before processing. On the other hand, manufacturing process predictors can be changed in the manufacturing process. Improving product yield by 1% will boost revenue by approximately one hundred thousand dollars per batch:

### Part A

#### Question

Start R and use these commands to load the data:

> library(AppliedPredictiveModeling)  
> data(chemicalManufacturingProcess)

#### Code

library(AppliedPredictiveModeling)  
library(flextable)  
library(dplyr)  
#Load the data  
data(ChemicalManufacturingProcess)  
df = data.frame(ChemicalManufacturingProcess)  
# Show initial observations  
initial.obs <- as.data.frame(t(head(df)))  
initial.obs <- initial.obs %>%   
 mutate(Variable = colnames(df)) %>%   
 dplyr::select(Variable, 1, 2, 3, 4, 5)  
flextable(initial.obs) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Variable** | **1** | **2** | **3** | **4** | **5** |
| --- | --- | --- | --- | --- | --- |
| Yield | 38.000 | 42.440 | 42.030 | 41.420 | 42.490 |
| BiologicalMaterial01 | 6.250 | 8.010 | 8.010 | 8.010 | 7.470 |
| BiologicalMaterial02 | 49.580 | 60.970 | 60.970 | 60.970 | 63.330 |
| BiologicalMaterial03 | 56.970 | 67.480 | 67.480 | 67.480 | 72.250 |
| BiologicalMaterial04 | 12.740 | 14.650 | 14.650 | 14.650 | 14.020 |
| BiologicalMaterial05 | 19.510 | 19.360 | 19.360 | 19.360 | 17.910 |
| BiologicalMaterial06 | 43.730 | 53.140 | 53.140 | 53.140 | 54.660 |
| BiologicalMaterial07 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| BiologicalMaterial08 | 16.660 | 19.040 | 19.040 | 19.040 | 18.220 |
| BiologicalMaterial09 | 11.440 | 12.550 | 12.550 | 12.550 | 12.800 |
| BiologicalMaterial10 | 3.460 | 3.460 | 3.460 | 3.460 | 3.050 |
| BiologicalMaterial11 | 138.090 | 153.670 | 153.670 | 153.670 | 147.610 |
| BiologicalMaterial12 | 18.830 | 21.050 | 21.050 | 21.050 | 21.050 |
| ManufacturingProcess01 |  | 0.000 | 0.000 | 0.000 | 10.700 |
| ManufacturingProcess02 |  | 0.000 | 0.000 | 0.000 | 0.000 |
| ManufacturingProcess03 |  |  |  |  |  |
| ManufacturingProcess04 |  | 917.000 | 912.000 | 911.000 | 918.000 |
| ManufacturingProcess05 |  | 1,032.200 | 1,003.600 | 1,014.600 | 1,027.500 |
| ManufacturingProcess06 |  | 210.000 | 207.100 | 213.300 | 205.700 |
| ManufacturingProcess07 |  | 177.000 | 178.000 | 177.000 | 178.000 |
| ManufacturingProcess08 |  | 178.000 | 178.000 | 177.000 | 178.000 |
| ManufacturingProcess09 | 43.000 | 46.570 | 45.070 | 44.920 | 44.960 |
| ManufacturingProcess10 |  |  |  |  |  |
| ManufacturingProcess11 |  |  |  |  |  |
| ManufacturingProcess12 |  | 0.000 | 0.000 | 0.000 | 0.000 |
| ManufacturingProcess13 | 35.500 | 34.000 | 34.800 | 34.800 | 34.600 |
| ManufacturingProcess14 | 4,898.000 | 4,869.000 | 4,878.000 | 4,897.000 | 4,992.000 |
| ManufacturingProcess15 | 6,108.000 | 6,095.000 | 6,087.000 | 6,102.000 | 6,233.000 |
| ManufacturingProcess16 | 4,682.000 | 4,617.000 | 4,617.000 | 4,635.000 | 4,733.000 |
| ManufacturingProcess17 | 35.500 | 34.000 | 34.800 | 34.800 | 33.900 |
| ManufacturingProcess18 | 4,865.000 | 4,867.000 | 4,877.000 | 4,872.000 | 4,886.000 |
| ManufacturingProcess19 | 6,049.000 | 6,097.000 | 6,078.000 | 6,073.000 | 6,102.000 |
| ManufacturingProcess20 | 4,665.000 | 4,621.000 | 4,621.000 | 4,611.000 | 4,659.000 |
| ManufacturingProcess21 | 0.000 | 0.000 | 0.000 | 0.000 | -0.700 |
| ManufacturingProcess22 |  | 3.000 | 4.000 | 5.000 | 8.000 |
| ManufacturingProcess23 |  | 0.000 | 1.000 | 2.000 | 4.000 |
| ManufacturingProcess24 |  | 3.000 | 4.000 | 5.000 | 18.000 |
| ManufacturingProcess25 | 4,873.000 | 4,869.000 | 4,897.000 | 4,892.000 | 4,930.000 |
| ManufacturingProcess26 | 6,074.000 | 6,107.000 | 6,116.000 | 6,111.000 | 6,151.000 |
| ManufacturingProcess27 | 4,685.000 | 4,630.000 | 4,637.000 | 4,630.000 | 4,684.000 |
| ManufacturingProcess28 | 10.700 | 11.200 | 11.100 | 11.100 | 11.300 |
| ManufacturingProcess29 | 21.000 | 21.400 | 21.300 | 21.300 | 21.600 |
| ManufacturingProcess30 | 9.900 | 9.900 | 9.400 | 9.400 | 9.000 |
| ManufacturingProcess31 | 69.100 | 68.700 | 69.300 | 69.300 | 69.400 |
| ManufacturingProcess32 | 156.000 | 169.000 | 173.000 | 171.000 | 171.000 |
| ManufacturingProcess33 | 66.000 | 66.000 | 66.000 | 68.000 | 70.000 |
| ManufacturingProcess34 | 2.400 | 2.600 | 2.600 | 2.500 | 2.500 |
| ManufacturingProcess35 | 486.000 | 508.000 | 509.000 | 496.000 | 468.000 |
| ManufacturingProcess36 | 0.019 | 0.019 | 0.018 | 0.018 | 0.017 |
| ManufacturingProcess37 | 0.500 | 2.000 | 0.700 | 1.200 | 0.200 |
| ManufacturingProcess38 | 3.000 | 2.000 | 2.000 | 2.000 | 2.000 |
| ManufacturingProcess39 | 7.200 | 7.200 | 7.200 | 7.200 | 7.300 |
| ManufacturingProcess40 |  | 0.100 | 0.000 | 0.000 | 0.000 |
| ManufacturingProcess41 |  | 0.150 | 0.000 | 0.000 | 0.000 |
| ManufacturingProcess42 | 11.600 | 11.100 | 12.000 | 10.600 | 11.000 |
| ManufacturingProcess43 | 3.000 | 0.900 | 1.000 | 1.100 | 1.100 |
| ManufacturingProcess44 | 1.800 | 1.900 | 1.800 | 1.800 | 1.700 |
| ManufacturingProcess45 | 2.400 | 2.200 | 2.300 | 2.100 | 2.100 |

#### Response

Our code displays a table with the first 5 observations of each predictor variable. The table contains 57 predictors with 12 of those describing the input biological material and 45 describing the process predictors from 176 manufacturing runs. The response variable ‘Yield’ contains the percent yield for each run. There are missing values for several variables that will need imputation.

### Part B

#### Question

A small percentage of cells in the predictor set contain missing values. Use an imputation function to fill in these missing values (e.g., see Sect. 3.8).

#### Code

library(mice)  
# Find what percentage of the data contain missing values  
length(df$Yield) # 176   
sum(is.na(df)) # 106  
sum(is.na(df))/(length(df$Yield) \* length(df)) \* 100 # ~1.04%   
# Check for patterns in missing data  
md.pattern(df) # They are random - data is 'observed'  
# Using mice function for predictive mean matching  
df.mice <- mice(df, method = "pmm", seed = 624)  
summary(df.mice)

# Method using median of each feature  
for(i in 1:ncol(df)){  
 df[is.na(df[,i]), i] <- median(df[,i], na.rm = TRUE)}

#### Response

Roughly 1.04% of the data was missing. It was first checked for patterns in the missing values. There were none. The missing data points were noted as random occurrences where no special treatment was required during imputation. We then ran two methods of imputation for referencing, one by predictive mean matching and the other by median. We decided to use the data set imputed by the median of each variable. No missing values remained.

### Part C

#### Question

Split the data into a training and a test set, pre-process the data, and tune a model of your choice from this chapter.

#### Code

library(AppliedPredictiveModeling)  
library(reshape2)  
library(dplyr)  
library(caret)  
library(Metrics)  
df.nz <- df %>%   
 select\_at(vars(-one\_of(nearZeroVar(.,names=T))))  
cormat <- round(cor(df.nz),2)  
melted\_cormat = melt(cormat)  
melted\_cormat\_df = data.frame(melted\_cormat)  
#Filter to only Yield and sort in descending order  
yield\_corr <- melted\_cormat\_df %>%   
 filter(Var2 == "Yield")  
yield\_corr$absvalue = abs(yield\_corr$value)  
yield\_corr2 = yield\_corr[order(-yield\_corr[,4]),]

set.seed(41)  
#Create Train and Test data sets  
bound <- floor((nrow(df)/4)\*3) #define % of training and test set  
df <- df[sample(nrow(df)), ]   
train <- df[1:bound, ]   
test <- df[(bound+1):nrow(df), ]   
  
  
#Create the regression model  
lmyield = lm(Yield~ManufacturingProcess32 +   
 ManufacturingProcess36 +   
 ManufacturingProcess09 +   
 ManufacturingProcess13 +   
 BiologicalMaterial02 +   
 BiologicalMaterial06 +   
 BiologicalMaterial03,   
 data=train)  
lmmod.summary <- summary(lmyield)  
lmmod.summary

##   
## Call:  
## lm(formula = Yield ~ ManufacturingProcess32 + ManufacturingProcess36 +   
## ManufacturingProcess09 + ManufacturingProcess13 + BiologicalMaterial02 +   
## BiologicalMaterial06 + BiologicalMaterial03, data = train)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -2.82742 -0.98950 0.03976 0.73478 2.97533   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## (Intercept) 15.13509 14.27099 1.061 0.290956   
## ManufacturingProcess32 0.13746 0.03552 3.870 0.000175 \*\*\*  
## ManufacturingProcess36 -270.45050 197.99212 -1.366 0.174422   
## ManufacturingProcess09 0.40979 0.12412 3.302 0.001256 \*\*   
## ManufacturingProcess13 -0.32801 0.18695 -1.755 0.081806 .   
## BiologicalMaterial02 -0.06963 0.09139 -0.762 0.447579   
## BiologicalMaterial06 0.06658 0.09804 0.679 0.498356   
## BiologicalMaterial03 0.02689 0.05577 0.482 0.630577   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 1.254 on 124 degrees of freedom  
## Multiple R-squared: 0.5714, Adjusted R-squared: 0.5472   
## F-statistic: 23.62 on 7 and 124 DF, p-value: < 2.2e-16

# Check the RMSE and R2  
lmyield\_train = predict(lmyield, newdata = train, interval ='prediction')  
lmyield\_train\_df = data.frame(lmyield\_train)  
lmyield\_train\_df$actual = train$Yield  
lmyield\_train\_rmse = rmse(lmyield\_train\_df$actual, lmyield\_train\_df$fit)  
df.rtrain<- data.frame(RMSE = lmyield\_train\_rmse, R2 = caret::R2(lmyield\_train, train$Yield))  
df.rtrain

## RMSE R2.fit R2.lwr R2.upr  
## 1 1.215335 0.5714077 0.5658518 0.575571

#### Response

For pre-processing we identified and removed variables with a near zero variance then converted our existing data frame into a long format. This process removed one variable, “BiologicalMaterial07.” We then created a correlation matrix of the predictors with our response, ‘Yield,’ and down selected to reduce the data dimensions and complete our preprocessing steps.

After splitting the data 75% to training and 25% to our test set, we chose to build a linear regression model using the top 7 features that had the strongest correlations with ‘Yield.’ They were selected based on absolute correlation strength. A table of all variable correlations with Yield is shown for reference.

| **Var1** | **Var2** | **value** | **absvalue** |
| --- | --- | --- | --- |
| Yield | Yield | 1.00 | 1.00 |
| ManufacturingProcess32 | Yield | 0.61 | 0.61 |
| ManufacturingProcess36 | Yield | -0.53 | 0.53 |
| ManufacturingProcess09 | Yield | 0.50 | 0.50 |
| ManufacturingProcess13 | Yield | -0.50 | 0.50 |
| BiologicalMaterial02 | Yield | 0.48 | 0.48 |
| BiologicalMaterial06 | Yield | 0.48 | 0.48 |
| BiologicalMaterial03 | Yield | 0.45 | 0.45 |
| ManufacturingProcess17 | Yield | -0.43 | 0.43 |
| ManufacturingProcess33 | Yield | 0.42 | 0.42 |
| ManufacturingProcess06 | Yield | 0.39 | 0.39 |
| BiologicalMaterial04 | Yield | 0.38 | 0.38 |
| BiologicalMaterial08 | Yield | 0.38 | 0.38 |
| BiologicalMaterial12 | Yield | 0.37 | 0.37 |
| BiologicalMaterial01 | Yield | 0.36 | 0.36 |
| BiologicalMaterial11 | Yield | 0.35 | 0.35 |
| ManufacturingProcess12 | Yield | 0.35 | 0.35 |
| ManufacturingProcess11 | Yield | 0.32 | 0.32 |
| ManufacturingProcess04 | Yield | -0.26 | 0.26 |
| ManufacturingProcess28 | Yield | 0.26 | 0.26 |
| ManufacturingProcess30 | Yield | 0.23 | 0.23 |
| ManufacturingProcess15 | Yield | 0.22 | 0.22 |
| ManufacturingProcess02 | Yield | -0.21 | 0.21 |
| ManufacturingProcess24 | Yield | -0.21 | 0.21 |
| BiologicalMaterial10 | Yield | 0.20 | 0.20 |
| ManufacturingProcess10 | Yield | 0.20 | 0.20 |
| ManufacturingProcess34 | Yield | 0.17 | 0.17 |
| ManufacturingProcess35 | Yield | -0.17 | 0.17 |
| ManufacturingProcess37 | Yield | -0.16 | 0.16 |
| ManufacturingProcess43 | Yield | 0.16 | 0.16 |
| BiologicalMaterial05 | Yield | 0.15 | 0.15 |
| ManufacturingProcess29 | Yield | 0.15 | 0.15 |
| ManufacturingProcess19 | Yield | 0.13 | 0.13 |
| ManufacturingProcess05 | Yield | 0.11 | 0.11 |
| ManufacturingProcess01 | Yield | -0.10 | 0.10 |
| ManufacturingProcess23 | Yield | -0.10 | 0.10 |
| BiologicalMaterial09 | Yield | 0.09 | 0.09 |
| ManufacturingProcess03 | Yield | -0.09 | 0.09 |
| ManufacturingProcess38 | Yield | -0.09 | 0.09 |
| ManufacturingProcess20 | Yield | -0.07 | 0.07 |
| ManufacturingProcess31 | Yield | -0.07 | 0.07 |
| ManufacturingProcess44 | Yield | 0.07 | 0.07 |
| ManufacturingProcess18 | Yield | -0.06 | 0.06 |
| ManufacturingProcess07 | Yield | -0.04 | 0.04 |
| ManufacturingProcess16 | Yield | -0.04 | 0.04 |
| ManufacturingProcess26 | Yield | 0.04 | 0.04 |
| ManufacturingProcess39 | Yield | 0.04 | 0.04 |
| ManufacturingProcess40 | Yield | -0.04 | 0.04 |
| ManufacturingProcess21 | Yield | -0.03 | 0.03 |
| ManufacturingProcess41 | Yield | -0.03 | 0.03 |
| ManufacturingProcess45 | Yield | 0.03 | 0.03 |
| ManufacturingProcess22 | Yield | 0.02 | 0.02 |
| ManufacturingProcess08 | Yield | 0.01 | 0.01 |
| ManufacturingProcess14 | Yield | -0.01 | 0.01 |
| ManufacturingProcess25 | Yield | 0.01 | 0.01 |
| ManufacturingProcess42 | Yield | -0.01 | 0.01 |
| ManufacturingProcess27 | Yield | 0.00 | 0.00 |

Those selected are shown in the model summary which had a multiple R2 value of 0.5714077 indicating the model captures roughly 57% of the variation in response. We note that, this is likely not the best model for prediction with this data and the only significant predictors (based on an alpha level of 0.05) were ManufacturingProcess32 and ManufacturingProcess09. However, this was a simple model choice we could gather information from and improve on as necessary since we were given the option to tune the model of our choice.

### Part D

#### Question

Predict the response for the test set. What is the value of the performance metric and how does this compare with the resampled performance metric on the training set?

#### Code

library(Metrics)  
library(caret)  
#Predict with the test data  
lmyield\_test = predict(lmyield, newdata = test, interval ='prediction')  
lmyield\_test\_df = data.frame(lmyield\_test)  
lmyield\_test\_df$actual = test$Yield  
lmyield\_test\_rmse = rmse(lmyield\_test\_df$actual, lmyield\_test\_df$fit)  
cat('RMSE of the test data for this model is', lmyield\_test\_rmse)

## RMSE of the test data for this model is 0.8794943

# Show calculations as data frame with RMSE and R squared  
df.rtest <- data.frame(RMSE = lmyield\_test\_rmse, R2 = caret::R2(lmyield\_test, test$Yield))  
df.res <- rbind(df.rtrain, df.rtest)  
df.res <- df.res %>%   
 mutate(Dataset = c("Train", "Test")) %>%   
 dplyr::select(Dataset, RMSE, R2.fit, R2.lwr, R2.upr)  
flextable(df.res) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Dataset** | **RMSE** | **R2.fit** | **R2.lwr** | **R2.upr** |
| --- | --- | --- | --- | --- |
| Train | 1.2153355 | 0.5714077 | 0.5658518 | 0.5755710 |
| Test | 0.8794943 | 0.7868231 | 0.7840575 | 0.7888425 |

df.res$R2.fit[2]

## [1] 0.7868231

round(df.res$R2.fit[2],2)\*100

## [1] 79

#### Response

Our fit value is 0.7868231 which indicates our model explains about 79% on the test set. This is lower than optimal if we were making predictions based on it and our RMSE (root mean squared error) does not perform as well as it could either. Compared to the same metrics on the training dataset, the test data performed slightly poorer at prediction. We can trace these results back to the model selection, which, if reselected, would likely improve given the information we have gained from this model.

### Part E

#### Question

Which predictors are most important in the model you have trained? Do either the biological or process predictors dominate the list?

#### Code

library(caret)  
library(dplyr)  
var.importance <- varImp(lmyield)  
sort(var.importance$Overall, decreasing = TRUE)

## [1] 3.8700098 3.3016486 1.7545514 1.3659660 0.7618781 0.6790745 0.4821116

var.importance <- varImp(lmyield) %>%   
 tibble::rownames\_to\_column("Variable") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Variable, Importance)  
flextable(var.importance) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Rank** | **Variable** | **Importance** |
| --- | --- | --- |
| 1 | ManufacturingProcess32 | 3.870 |
| 2 | ManufacturingProcess09 | 3.302 |
| 3 | ManufacturingProcess13 | 1.755 |
| 4 | ManufacturingProcess36 | 1.366 |
| 5 | BiologicalMaterial02 | 0.762 |
| 6 | BiologicalMaterial06 | 0.679 |
| 7 | BiologicalMaterial03 | 0.482 |

#### Response

As shown in the above table with rank, variable, and importance values, the manufacturing process takes the most importance. Process predictors are seemingly more important with our model. However, looking back at the correlations when down selecting for our model, manufacturing processes still dominated the list when considering all available variables.

Recall that since our model relied on the 7 strongest correlations with Yield, the number of variables used in the model were already reduced. We also note that only two of our variables had significance below an alpha level of 0.05. Both of those variables were also process predictors (ManufacturingProcess32 and ManufacturingProcess09).

### Part F

#### Question

Explore the relationships between each of the top predictors and the response. How could this information be helpful in improving yield in future runs of the manufacturing process?

#### Code

library(AppliedPredictiveModeling)  
library(ggcorrplot)  
library(corrplot)  
corr <- round(cor(df), 1)  
p.mat <- ggcorrplot::cor\_pmat(corr)  
ggcorrplot(corr = corr,   
 "square",   
 "upper",  
 p.mat = p.mat,   
 sig.level = 0.05,  
 outline.color = "white",   
 color = c("#6D9EC1", "white",  
 "#E46726"),  
 ggtheme = ggplot2::theme\_minimal()) + coord\_flip()

![Chart

Description automatically generated with medium confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD6RXhpZgAATU0AKgAAAAgABAE7AAIAAAAQAAAISodpAAQAAAABAAAIWpydAAEAAAAgAAAQ0uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFphY2hhcnkgUGFsbW9yZQAABZADAAIAAAAUAAAQqJAEAAIAAAAUAAAQvJKRAAIAAAADMjgAAJKSAAIAAAADMjgAAOocAAcAAAgMAAAInAAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDc6MTcgMTE6NTQ6MDQAMjAyMTowNzoxNyAxMTo1NDowNAAAAFoAYQBjAGgAYQByAHkAIABQAGEAbABtAG8AcgBlAAAA/+ELImh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjEtMDctMTdUMTE6NTQ6MDQuMjgxPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPlphY2hhcnkgUGFsbW9yZTwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAM8BskDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD3TxZ4kbwxpsF0li16ZrhYfLWTYQCCSRwc9OlR+JvFsXh/SLa9ht/tpunURoJNmVIyWzg8AUeLLKa9bRlggeZY9Tikl2rnagByT7Vyt7omrXOj39tLYzsNNRbSx+XPnIZN25R7IEGfY0Lz7/hoD/r8TvLrXNMsrhYLy9hhlbHyO2OvSkvNe0qwnMN5fwQygBijNyAeh+nFcV4ks9Tu4tctltr/AHzMDBBaW4Ec6hB8zy46g5+XcOg4Oa17fT5ptW1K5ks5As2lRRI0kZBLYbK89+nFK+l/62D+vyOlTUbN2kVLmNjHGJHw2dqnkH6ViW/jG1vfEUun2Ztnt4YhLJctcFeCM/Ku0g/UsKwdOgv9Itpln0y8ka50qOKMRQlvnUEFW/u9e+KbZaZqttpOobdOkaRrG2RUkizkgfMAD1I9KfX+vMOn9eR29lrGnai0i2N5FM0Yy4VuVHrVK68W6LbWtzKL6GVreNpDGjctt6getcxBp9/da9dPGupSLc6Y8CXV5B5QD84XaANo59Bn3rRikebwkdIXRrxbxLGSH5rfakbbCOHOAcn+7mlK9n/Xf+vmNb/15G/pet2WrW8L28yGSWITeUGyQpOM/mCKB4g0lpIUXUIGecBolD5LgkgEe2QRXN2EtzY6lY30mm3zRNpa22Ft2LLKrE7WXGRnPBPHvUXgzSr211C1mvLKWDbpKREyJja3muSv1wRTlvp5/r/kvvJW33fodKniHT47C1uL28tYftKF49k29XAxnaSAWHI7d6lfXtLjsYrx7+AW8xxHJv4c+g/KuY8P6Tdwt4TN1ZyJ9js7hZS6f6pzsxn0J5/Wqum2Vxo/iGK/u7Kd7ZbnUEWOOIu8e+YMsgQclSARkD+IdjT629SulzoNR8WW8dpby6L9n1J5rtLTH2jYqM3PLBWx24xUn9vXtlqlrZ63YW9st3uEU1tdmZQyjOGDIhHAPIzXG2thNq32trSzuYIm8RxyMqDY8ahF3Mcfd659Rnnmu3Ph60hL3INxdXKROsTXE7SlMjnbk8Zqdo3/AK2TF1t/W7J08Q6TJaSXSahA0EeN0gb5RnpzUkesadNYveR3kLW8f35N3C/X0rl49Mu7Xw74ala0mZNPZXubVI8v90jO3uQTnHWq2o6Xfalc3+p2thMLZri3kFvIhSScRn5jsPPfocE4qnvYDrode0qe2luIr+Boof8AWNuxt+tOg1vTLm1luIL6F4Yf9Y+7hPrXO+Ill17T1fTrG/h+zzxyyM1qEeVR2VX5YjryMelVzpcOoNf3N1Hr14HgSNi9tHATg5BVcIxZeucewz0pAdPD4g0m4ilkh1CBkhG6Q78bR6mpbHV9P1JnFjdxTmPlgp5H4VyZgub+O9gvYdSv9OEMeyaS0EF0jhs4XhSwGA3T25qaG01jVft1pBe3EdtJCipe31h5coOfmTA2FgR34xk80AauieKYNc1vU7G1gYRWGwC4Y8TZzkgY6Ajrnmi18UwXnjGfQbaFn8i3Mr3O75dwYAoBjnG7k54PFY2l6Frlt4h1mOO6t7WOSzhhguYrFlUEKQCoMh+73GTnjpS6VoGq6V41sv3ttJZw6a8bTR2boGJkBKkmRvnJ+bPPfjvTXxL+u4PZ/wBdjtaKRlDDDDNN8pP7tIBWJDp7k/yp1RNEm9Pl7n+VO8pP7tAD6bISIyRxSeUn92myxIIzhaAJaKZ5Sf3aPKT+7QA+mxEmJSeTik8pP7tNiiQxKSvagCWimeUn92jyk/u0AKCfNYdsD+tOqIRJ5zDb2H9ad5Sf3aAH01ifMQeuaTyk/u01ok8xPl9aAJaKZ5Sf3aPKT+7QAshITjjkfzp1RSRIE4XuP507yk/u0APopnlJ/do8pP7tACxEmFCeSVFOqKKJDChK/wAIp3lJ/doAfTUJJfP96k8pP7tNSJCXyv8AFQBLRTPKT+7R5Sf3aAFYnzEHbmnVE0Seany+tO8pP7tAD6bISE44+YfzpPKT+7TZIkCcL/EP50AS0Uzyk/u0eUn92gB56GmxnMSk9cCkMSYPy02OJDEpK/wigCWimeUn92jyk/u0AKhJ3Z/vGnVEkSHd8v8AEad5Sf3aAH00E+cR22j+tJ5Sf3aaIk84jbxtH9aAJaKZ5Sf3aPKT+7QAshIUY/vD+dOqKSJAowv8Q/nTvKT+7QA+kb7p+lN8pP7tI0SbT8vagB6HMak+gpajSJDGvy9hS+Un92gB9NjJIbP940nlJ/dpscSENlf4jQBLRTPKT+7R5Sf3aAFBPnMO20f1p1RCJPOYbf4R/WneUn92gB9NYkOnuT/Kk8pP7tNaJN6fL3P8qAJaKZ5Sf3aPKT+7QA5zhGx6ULyo+lMeJBG3y9qFiTaPl7UASUUzyk/u0eUn92gBYySpz/eP86dUUcSFTlf4j/OneUn92gB9NBPmsO2B/Wk8pP7tNESeaw29h/WgCWimeUn92jyk/u0AKxPmIPXNOqJok8xPl9ad5Sf3aAH02QkJxxyP50nlJ/dpskSBOF7j+dAEtFM8pP7tHlJ/doAfTYySnPPzH+dJ5Sf3abHEhTlf4j/OgCWimeUn92jyk/u0AKpPmMO2BTqiWJPMb5ewp3lJ/doAfTWJ8xB25pPKT+7TWiTzU+X1oAlopnlJ/do8pP7tACyEhOOPmH86dUUkSBOF/iH86d5Sf3aAH0H7ppnlJ/doMSbT8tACxnMak+gp1RRxIY1yvYU7yk/u0APpqk+Y/wCFJ5Sf3aasSeY/y+lAEtFM8pP7tHlJ/doAUk+ao7YP9KdURiTzVG3sf6U7yk/u0APpshIUY/vD+dJ5Sf3abJEgUYX+IfzoAlopnlJ/do8pP7tADm+6fpQhyi59KY0SbT8vahIkMa/L2oAkopnlJ/do8pP7tACxkkNn+8adUUcSENlf4jTvKT+7QA+mgnzmHbaP60nlJ/dpoiTzmG3+Ef1oAlopnlJ/do8pP7tACyEgLj+8KdUUkSALhf4hTvKT+7QA+kc4RselN8pP7tI8SCNvl7UAPX7o+lLUaxJtHy9qXyk/u0APpsZJU5/vH+dJ5Sf3abHEhU5X+I/zoAlopnlJ/do8pP7tACgnzWHbA/rTqiESeaw29h/WneUn92gB9NYnzEH1pPKT+7TWiTzE+X1oAlopnlJ/do8pP7tACyHEbEehpw6CopIkEbYXsacIkwPloAfRTPKT+7R5Sf3aAFjJKc8/Mf506oo4kKcr/Ef507yk/u0APpqk+Y47cUnlJ/dpqxJ5r/L6UAS0Uzyk/u0eUn92gBWJ81R2wadUTRJ5qfL2NO8pP7tAD6bISE44+YfzpPKT+7TZIkCcL/EP50AS0Uzyk/u0eUn92gB9NjJKc88n+dJ5Sf3abHEhTle5/nQBLRTPKT+7R5Sf3aAFUnzHHpinVEsSeY/y+lO8pP7tAD6aSfNUdsH+lJ5Sf3aaYk85Rt7H+lAEtFM8pP7tHlJ/doAWQkKMf3h/OnVFJEgUYX+Ifzp3lJ/doAfSNwp+lN8pP7tI0SbT8vagB6HKLn0pajSJDGvy9qXyk/u0APpqkl39iP5UnlJ/dpqxJvf5e4/lQBLRTPKT+7R5Sf3aAFJPnKO20/0p1RGJPOUbf4T/AEp3lJ/doAfTZCQFx/eFJ5Sf3abJEgC4X+IUAS0Uzyk/u0eUn92gBznEbEehoX7o+lMeJBG3y9jQsSbR8vagCSimeUn92jyk/u0ALGSVOf7x/nTqijiQqcr/ABH+dO8pP7tAD6aSfOA7bT/Sk8pP7tNMSecBt42n+lAEtFM8pP7tVr67s9Nt/tF4fLiDBWcKSFz3OOg9zwKALTkjbj+8KdUJWJ1Rk2spIIIOcioDe2I1JbAPuuWQyFFBOxfViOFz2z1oA5/xd4rvdAv4ILSG3dZIt5MqsTnJHYisA/EjViP+Paz/AO+H/wDiqufEDTLy61C3lsbOe4jjgO4wxl+ck447+1chaaRqN/apc2dlPNC4yrpGSDXz+KrYmNaSg3Y+pwdDByoRdRK/qdH/AMLJ1b/n2sv++H/+KrpfB/iW78QteC8ihj8jZt8oEZzuznJPpXmtzpWoWckEdxY3KyXD+XEgiJZz7Ac8Dk+gru/h9pl5YNf/AG61lg3+Xs8xSM43f408JVxMq0VNu3/AJx1DCRw8nTS5tPzO2ooor3z5gKKKKACiiigAooooAKKKKAOR+IkM11pul21tPJbyT6jFGHjYqRkNj9cVi+MNauNW8MWH2WR4XES3d15bEFCGCbMj/bJ/74NdF43vtO02y0291YXRjgv45EFsqsd4BxuBI+XrnHNZXiLTdD8P6Pfz3k17JFq9wgCwBWZOS2EBwAuSzH6miP6/5f18hv8AT/O5a8QeL7nSJbsxSWQFoFxasGkmnGMk/I37sf7wPTPSrN3ruryatd22mR2aQ21ml0WnVmZi2flwGGOnX9DTr/wpbXf26E6ncW9vqTb5oEKDc20DIJGew4zirsWi21tcXEsl27SXFqlq5cqOFBAP15pa2/rt/mJW/r5foUtM8UT6il1J5EcaxWMd0i5JO5gSQT6cVg6bqN/daze63dtayeTZRSRwndGqFh/eL4HuSOfat4eD4Ik2Wmp3NuDaC2m2bT5iDoTkcHnqKzotK0ttRutBg+2zs1tCs1wrRhIQn3TyQSeOwIp9dP63Dp/XkWNP8ZO19eQXUlteRW9oboT2cTopxnK/MSG6dQfwp13feI5/C1xqCyafDHLZyShVjk8yH5cjndhj+C49+lXLfwzDJqTXtzqc17I1ubaVW2BWQ9sKOPwqKTSILHSbiG61u5fT4LaRTBlPkTaQckDLYHTNKXwv+u//AABx+Jf12/4Ivh7Vb1ri0068aGX/AIlyXJlRCpJLEY5Y9hVXRfE2ra3fWkEcdnDHJZLdTMyMx5kZSqjcMZC9TnHoasWOgRXNvY3llq90ki2nk+aAm6SInIBGMAjnkc1Y0bw5Y6HLDJBdySFLRbVfMZfmUMzA/XLGqlu/n+v/AACV8P3fp/wTL03X9SubLw7b6bBZwNqVtLLI0iuywhNvQbgT97GCffPGDXOpS+J7mz0yewsv7RjkuRNPIGaONYX8slVDBjuJHG7jnritrSNCtLK30ebfNCdPt5Io452TJD7c7ipIyNo6HHNZ+o6I+lzQXukxXc8huLiU3FtNCHTzW3FdspVGTPvkYHWk7X+//gFdNDDu7+V9MSx1C0it47HXIrZ47BZD5qbQxOBliTnpye3PWtmOFYtctbnw5Z3lrBCkjXhuIpYo3Xb8q4kwSd2OnTmqK6cukadHdast5c3N3rMdzDDA8Tyl9oCq5LBBnGTg4GQATXTrryT3iabqWnX2mS3aMITc+UyyEDkAxu4BxzzijW2m/wDwELr5f8FmZbeI9Wl0nTJXWyF5qzAW6CNwkIwSSx3ZbgdBt9PenXPiq+09rqxubeCbUI5Yo4XjDLHJ5nQkEkjGDkZP1rQbw/ZnRrOziu3jbT8GC5Vl3oQOvpyKibwrZXNrctdXctxcXDrI12SoZSn3cYGBim7X8v0Ai1bXNU8PaeZdTbT5XllSK3lQPEoLdS6knAHs3PtVNfGN0qX0MQtdUnt4VmjlsUfYQTghlyxyvXAPI9K1ZNCW+tHW91a4umDK8c2UXyWXoQFGM/WpodMmaGcy65dTs4AWRSiiPHcBRj86QGSvia/Gl3l1bz6bq3korAWayK8eTyWjyxIA54IJxjFT2nigRWd3d32o6beW0CKd1mGSQMeiFGLcnjByOvSp4dARri4vX1eeW8kiWL7SmxSig5HCjB59aktPD9o95Pd31wNUmljWJjNGm0KpJA2qMdT1NH9f1/X3gYHheW9u/FGvx3+o/v7iCF0WJwwt9wb5U7Hbxz3IqxDb/wBieM9MtoluLW2mjkiknnk3i/l2hlAAJ2kYY5bbnkAGmWK+Fv8AhIPEj2q+Wba3SO8eKJVSIBWzsK/NnrnHcUmj3UFxq2lR6surqdrPph1CKJVdghB5Qk7tmTh8Hr3prfT+t/68wezv/W39eR2rEgcKW+lN3t/zzb8x/jT6KQETOd6fu26nuPT607e3/PNvzH+ND/6yP6n+VPoAZvb/AJ5t+Y/xpsrnyz+7YfiP8alpkv8Aqz+H86ADe3/PNvzH+NG9v+ebfmP8afRQAze3/PNvzH+NNic+Uv7tjx6j/GpaZF/qU+goAN7f882/Mf40b2/55t+Y/wAafRQBEHPnN+7boO49/enb2/55t+Y/xoH+uf8A3R/Wn0AM3t/zzb8x/jTWc+Yn7tu/cf41LTG/1ifj/KgA3t/zzb8x/jRvb/nm35j/ABp9FAEUjnZ/q2HI7j1+tO3t/wA82/Mf40S/6v8AEfzp9ADN7f8APNvzH+NG9v8Anm35j/Gn0UARRORCn7tj8o7j/Gnb2/55t+Y/xoh/1Kf7o/lT6AGb2/55t+Y/xpqOcv8Au2+96j/GpaZH1f8A3qADe3/PNvzH+NG9v+ebfmP8afRQBEznzU/dt37j/Gnb2/55t+Y/xob/AFqfQ0+gBm9v+ebfmP8AGmyOdn+rYfMO49frUtMl+5/wIfzFABvb/nm35j/Gje3/ADzb8x/jT6KAGF2wf3bfmP8AGmxufKT92x+Udx/jUp6Gmxf6lP8AdFACb2/55t+Y/wAaN7f882/Mf40+igCJHPzfu2+8e4/xp29v+ebfmP8AGiP+L/eNPoAZvb/nm35j/Gmhz5x/dt90cZHv71LTB/rz/uj+ZoAN7f8APNvzH+NG9v8Anm35j/Gn0UARSOdo/dsPmHcev1p29v8Anm35j/GiX7o/3h/On0AM3t/zzb8x/jSM7bT+7bp6j/GpKRvun6UAMRz5a/u26DuP8aXe3/PNvzH+NLH/AKtfoKdQAze3/PNvzH+NNjc4b92x+Y9x/jUtMj6N/vGgA3t/zzb8x/jRvb/nm35j/Gn0UARBz5zfu2+6O49/enb2/wCebfmP8aB/rm/3R/M0+gBm9v8Anm35j/Gms53p+7bqe49PrUtMf/WR/U/yoAN7f882/Mf40b2/55t+Y/xp9FAEbu3lt+7bp6j/ABoV22j923T1H+NOf/Vt9DSr9xfpQA3e3/PNvzH+NG9v+ebfmP8AGn0UARRudp/dsfmPcev1p29v+ebfmP8AGiL7p/3j/On0AM3t/wA82/Mf400OfNb923Qdx7+9S0wf65/oP60AG9v+ebfmP8aN7f8APNvzH+NPooAiZz5ifu279x/jTt7f882/Mf40N/rE/H+VPoAZvb/nm35j/GmyOdn+rYcjuPX61LTJf9X+I/nQAb2/55t+Y/xo3t/zzb8x/jT6KAGb2/55t+Y/xpsbnZ/q2PzHuPX61LTIvuf8CP8AM0AG9v8Anm35j/Gje3/PNvzH+NPooAiVz5j/ALtug7j/ABp29v8Anm35j/Ghf9a/0FPoAZvb/nm35j/Gms581P3bd+4/xqWmN/rU+hoAN7f882/Mf40b2/55t+Y/xp9FAEUjnZ/q2HzDuPX607e3/PNvzH+NEv3P+BD+Yp9ADN7f882/Mf40F22n9235j/Gn0h+6fpQAyNz5a/u26DuP8aXe3/PNvzH+NLH/AKpP90U6gBm9v+ebfmP8aarnzH/dt27j/GpaYv8ArH/CgA3t/wA82/Mf40b2/wCebfmP8afRQBEXPmr+7boe49venb2/55t+Y/xob/XJ9D/Sn0AM3t/zzb8x/jTZHO0fu2HzDuPX61LTJfuj/eH86ADe3/PNvzH+NG9v+ebfmP8AGn0UARs7bT+7bp6j/GhHby1/dt09R/jT2+6fpSJ/q1+goATe3/PNvzH+NG9v+ebfmP8AGn0UARRucN+7Y/Me4/xp29v+ebfmP8aI+jf7xp9ADN7f882/Mf400OfOb9233R3Hv71LTB/rm/3R/M0AG9v+ebfmP8aN7f8APNvzH+NPooAikc4X92w+Ydx/jTt7f882/Mf40SdF/wB4U+gBm9v+ebfmP8aR3by2/dt09R/jUlNf/Vt9DQA1XbaP3bdPUf40u9v+ebfmP8acv3R9KWgBm9v+ebfmP8abG52n92x+Y9x6/WpaZF90/wC8f50AG9v+ebfmP8aN7f8APNvzH+NPooAiDnzW/dt0Hce/vTt7f882/Mf40L/rn+g/rT6AGb2/55t+Y/xprOfMT923fuP8alpjf6xPxoAN7f8APNvzH+NG9v8Anm35j/Gn0UARyOfLb923Q9x/jSh2wP3bfmP8aWT/AFT/AO6acOgoAZvb/nm35j/Gje3/ADzb8x/jT6KAIo3Oz/VsfmPcev1p29v+ebfmP8aIvuf8CP8AM0+gBm9v+ebfmP8AGmq581/3bdu4/wAalpi/61/oKADe3/PNvzH+NG9v+ebfmP8AGn0UARM581P3bdD3H+NO3t/zzb8x/jQ3+uT6Gn0AM3t/zzb8x/jTZHOz/VsPmHcev1qWmS/c/wCBD+YoAN7f882/Mf40b2/55t+Y/wAafRQAze3/ADzb8x/jTY3Oz/VseT3Hr9alpkX+r/E/zoAN7f8APNvzH+NG9v8Anm35j/Gn0UARK58x/wB23buP8advb/nm35j/ABoX/WP+H8qfQAze3/PNvzH+NNLnzl/dt0Pce3vUtMP+uT/dP9KADe3/ADzb8x/jRvb/AJ5t+Y/xp9FAEUjnaP3bD5h3Hr9advb/AJ5t+Y/xol+6P94fzp9ADN7f882/Mf40jO20/u26eo/xqSkb7jfSgBiO3lr+7bp6j/Gl3t/zzb8x/jSp/q1+gp1ADN7f882/Mf401XO9/wB23Udx6fWpaYn+sk+o/lQAb2/55t+Y/wAaN7f882/Mf40+igCIufOX9233T3Ht707e3/PNvzH+NB/1y/7p/mKfQAze3/PNvzH+NNkc4X92w+Ydx/jUtMk6L/vCgA3t/wA82/Mf40b2/wCebfmP8afRQBG7ny2/dt0Pcf40K7bR+7bp6j/GnSf6tvoaVfuj6UAN3t/zzb8x/jRvb/nm35j/ABp9FAEUbnaf3bH5j3Hr9advb/nm35j/ABoi+6f95v505jhSfQUAN3t/zzb8x/jTS584fu2+6eMj296zNUutTt/Lu9ORblIQfOs8ANMvHKMejjHAPynOCRkMGt4l08aWuprMHgY7ECo29nzjywn3t+eNuM54xU8yK5Ga+9v+ebfmP8arzKHZldQVbggjOaqaXcanIklxqipC0xBjtFw3kL6Mw+8x744HQZ6nj/FPjDU7e/u9PsVggKsF8/aSwGATjnGfeuevXp0opyZ1YbDVK0moIk1G+vfD961h4dQ3VkTm6O0uNKU/xgfxj/pmOR16cV0+j2VpaWIayk88T/vHuC25pif4i3euEsPGk2m2ot7TT7VEBJJJYs7HqxOckn1qvZ+Lr3Tr6SSyt7aO1lyXtcMUV/7yc/LnuOlcn1+h3/A7v7MxPb8T1M/dWuU8QSz6Ddfa/Ddv9t1O6O5tIWQIt56vuPERHUueD0OSRjPu/Hd/Hp9tLFa2vmTI5G4MQpDEDjPtWTpvi670/wAyV7aC5u5sGa5k3bn9B14UdgOBTeOoLdiWW4l7L8Ts/DsUF1G2qyXH2y/lHlzSNGUMODzEEPKAHsec8nJrooDjPBPTpXlE/i6+OqJqFlBb21wSBOAGKXCDjDDPUdm6jpyOK7fwd4in15rz7RDFF5ITHl55zu9T7VpRxdKpNRi9WZV8DXpU3Oa0R09FFFegeWFFFFABRRRQAUUUUAFFFFAHL+NoVuF0OJ13I+qwqwx2IauR1Tz7/Qbu3uUkP9gRraAspw7mQAMPX92q/wDfZrqfiEt1LpumW9jdTWss+oxxiSJyp5DenUZxxWP4v1651LwzYGxmkt5DEt3dGJypTDBdhI/2yf8Avk0R6+v6L8lcb3Xp+r/Mp+LZ45zrgY20N3CyiGN4jLdSAKCGj5+VM55A4wSTWqbGy1fXNTuLqGO6H9kQtG7jcMkMcj396ueIPGMuizXIV7H/AEYKRavIXnnGMlgqnKAerDsT0qzd6/qr6rdW2mW9r5VtZpdF5yxLbs/LgEenWp6f12Yf1+KOc0zU4dOt7ltUmMb3WjxeSZOsxAYEL3Y8jgc1V0yGC003UrtbFWlGn23zKu1hkfMSRzj1x2rsNN8US6il04t0jWKxS6UEkklgTg+3FYWmapqN5rV7q900LJBZRSxwea0aJuHqW2/UkVT+J/13Bbf15FTTZNviK9j0i6tJGuNLbyjp8XlwtIM4CnJDMOMnOatInhq48JvBDDby6t9glDxrGWmV9h3eYAMg5/vd+lamneNBNfXkM8tpeRW9obkT2O4ocZyuSSGPHUGnXeo+IpvDFxqCLYwRyWckq43+ZD8uV74Y/lSl8L9P8/6+QR+Jev8AkZej6jpel6pp9yZYILOXSFSN0wEeRXJZBjq/I+XrVfwXZwXep2EtzbrJ5ekI0fmpna3nSc4PQ+/UV0nh/Vr2Se00+98qRjp6XJlQEEksRjknsKq6P4o1PWr60gigtYkks1upnbccZkZSoGfRetVLd/P/ANu/4P3Er4fu/Qx9CsIL6PwZFewLNEtjcsY5FypP7vGR0P41DpyWtrqVsmthF0OC71CGIXH+oikE3yBs8AbNwXPHp2rb07xDqFzZ+H4NOtrZH1K3lldpmdhCE2++W+9jrVVtXvvEV3ZWVtmy1SN7lZpY5mEaLE+xjt/i3MVwD055o+19/wCf6FPYwrWKCWOYaMzQW7eJYvIkVOFGxeQD29O2Mdq7q40F3kF7qV/LfSWsbmBWRUVGKkE4UcnFcbLfSxaYbW8hktzBr0cNy1o8jvcgqCWO35iSCOB7Ct2PKa5az+HYdSjtokka9+2Rzxxsu07RiYAls4+775qdOX+v5UL7X9d2Z0NjbWfhLw7LNBHHpzMjaixThhtO0yHuoOOvAqK+VZF1OTR1ZtB+0wGT7MP3TKP9YUxwVxjOOK3bbxLqk2k6bM8NoLvVWC20Y3bYxgkljnngZwMU658V3lg11ZXVrFJqEUsUcXlkiOTzOh5yRjByKp/E/X/LQP6/My9eOkTaQ/8AwixtfIE8RvntY2aHy/fZgH3AOcdagjtbC4j1TyNatEs3gQSjSbNzDGwOQxILL04I9OtdBq2v6j4f09ptWFhukkSKCVXMcYLdS+7oB655qinjhgl/FE1lqk9tCsySaa5kQqTg5ALEFeuO4pB2/rqZaCwubfUbRZbBLYW8bNqekQsYwd33ZEUkduf9k84FWtNe4mfUbXw0mjyTmCMLf2BMcPJIKtjcN4HI69RmtBfFV1/ZF5fW8um6qkCK2dPdmMZJ53oNxwBye/HSrNj4oU2V1eXV/pd7awIpEmnylm3nohTJ5Jxjnv0oAw9Ckk8O+JNdkvrOC1s7WygeZorhpSMKxyMoNxPOenPrmrmj6jY+JNcs9Tv9UsRLFuNhpkV0jvGWXBZ8Hl9ueBwOetO8Kz6nL4s1wapcFpHiglSDdlIAwb5QPbjJ71a0AajF4y1mHVL83bfZraRVVdkceWlGFX8Bz1NPrqJ7O39bHTsoYc03yk9D+ZpzHA4BP0pu8/8APNv0/wAaQxrRrvTjue/tTvKT0P5mms53p8jdT6en1p28/wDPNv0/xoAPKT0P5mmyxqIzgH86dvP/ADzb9P8AGmyuTGfkYfl/jQA7yk9D+Zo8pPQ/maN5/wCebfp/jRvP/PNv0/xoAPKT0P5mmxRqYlJB6etO3n/nm36f402JyIl+Rjx7f40AO8pPQ/maPKT0P5mjef8Anm36f40bz/zzb9P8aAGiNfOYY7Dv9ad5Seh/M00OfOb5G6D09/enbz/zzb9P8aADyk9D+ZprRr5icHv3p28/882/T/Gms58xPkbv6f40AO8pPQ/maPKT0P5mjef+ebfp/jRvP/PNv0/xoAbJGoTp3Hf3p3lJ6H8zTZHOz7jdR6ev1p28/wDPNv0/xoAPKT0P5mjyk9D+Zo3n/nm36f40bz/zzb9P8aAGxRqYUJH8I707yk9D+ZpsTkQp8jH5R6f407ef+ebfp/jQAeUnofzNNSNSX4/i9advP/PNv0/xpqOcv8jfe9v8aAHeUnofzNHlJ6H8zRvP/PNv0/xo3n/nm36f40ANaNfNTj1707yk9D+ZprOfNT5G7+n+NO3n/nm36f40AHlJ6H8zTZI1CdP4h396dvP/ADzb9P8AGmyOSn3GHzD09frQA7yk9D+Zo8pPQ/maN5/55t+n+NG8/wDPNv0/xoADEuDwfzNNjjUxJwfujuacXOD+7b9P8abG58pPkb7o9P8AGgB3lJ6H8zR5Seh/M0bz/wA82/T/ABo3n/nm36f40ANSNTu4/iPeneUnofzNNRz83yN94+n+NO3n/nm36f40AHlJ6H8zTRGvnEY/hHf607ef+ebfp/jTQ584/I33R6e/vQA7yk9D+Zo8pPQ/maN5/wCebfp/jRvP/PNv0/xoAbJGoUcfxDv707yk9D+ZpsjnaPkb7w9PX607ef8Anm36f40AHlJ6H8zSNGu08Hp6ml3n/nm36f40jOdp/dt09v8AGgASNTGvB6DuaXyk9D+ZpEc+Wv7tug9P8aXef+ebfp/jQAeUnofzNNjjUhuP4j3p28/882/T/GmxucN8jfePp/jQA7yk9D+Zo8pPQ/maN5/55t+n+NG8/wDPNv0/xoAaI185hj+Ed/rTvKT0P5mmhz5zfI33R6e/vTt5/wCebfp/jQAeUnofzNNaNd6cdz39qdvP/PNv0/xprOd6fI3U+np9aAHeUnofzNHlJ6H8zRvP/PNv0/xo3n/nm36f40AI8aiNuD09TQsa7RwenqaHc+W37tunt/jQrnaP3bdPb/GgBfKT0P5mjyk9D+Zo3n/nm36f40bz/wA82/T/ABoAbHGpU8fxHv707yk9D+ZpsbnafkY/MfT1+tO3n/nm36f40AHlJ6H8zTRGvmsMHoO/1p28/wDPNv0/xpoc+a3yN0Hp7+9ADvKT0P5mjyk9D+Zo3n/nm36f40bz/wA82/T/ABoAa0a+YnB796d5Seh/M01nPmJ8jd/T/Gnbz/zzb9P8aADyk9D+ZpskahOncd/enbz/AM82/T/GmyOdn3G6j09frQA7yk9D+Zo8pPQ/maN5/wCebfp/jRvP/PNv0/xoAPKT0P5mmxxqU6fxHv707ef+ebfp/jTY3IT7jH5j6ev1oAd5Seh/M0eUnofzNG8/882/T/Gjef8Anm36f40ANWNfMbjsO9O8pPQ/maarnzG+Rug9P8advP8Azzb9P8aADyk9D+ZprRr5qcevenbz/wA82/T/ABprOfNT5G7+n+NADvKT0P5mjyk9D+Zo3n/nm36f40bz/wA82/T/ABoAbJGoTp/EO/vTvKT0P5mmyOSn3GHzD09frTt5/wCebfp/jQAeUnofzNBiXaeD+Zo3n/nm36f40FztP7tv0/xoASONTGvB6DuaXyk9D+ZpI3Plr+7boPT/ABpd5/55t+n+NAB5Seh/M01Y18x+PTuadvP/ADzb9P8AGmq58x/kbt6f40AO8pPQ/maPKT0P5mjef+ebfp/jRvP/ADzb9P8AGgBpjXzVGOx7/SneUnofzNNLnzV+Ruh9Pb3p28/882/T/GgA8pPQ/mabJGoUcfxDv707ef8Anm36f402RztHyMPmHp6/WgB3lJ6H8zR5Seh/M0bz/wA82/T/ABo3n/nm36f40AI0a7TwenqaEjUxrwenqaGc7T+7bp7f40I58tf3bdPb/GgBfKT0P5mjyk9D+Zo3n/nm36f40bz/AM82/T/GgBscakNx/Ee9O8pPQ/mabG5w3yN94+n+NO3n/nm36f40AHlJ6H8zTRGvnMMfwjv9advP/PNv0/xpoc+c3yN90env70AO8pPQ/maPKT0P5mjef+ebfp/jRvP/ADzb9P8AGgBskagLx/EO9O8pPQ/mabI5wvyN94en+NO3n/nm36f40AHlJ6H8zSPGojbg9PU0u8/882/T/Gkdz5bfu26e3+NAAsa7RwenqaXyk9D+ZpFc7R+7bp7f40u8/wDPNv0/xoAPKT0P5mmxxqVPH8R7+9O3n/nm36f402NztPyMfmPp6/WgB3lJ6H8zR5Seh/M0bz/zzb9P8aN5/wCebfp/jQA0Rr5rDHYd/rTvKT0P5mmhz5rfI3Qenv707ef+ebfp/jQAeUnofzNNaNfMTj1707ef+ebfp/jTWc+YnyN39P8AGgB3lJ6H8zR5Seh/M0bz/wA82/T/ABo3n/nm36f40AJJGojbg9D3NKIlwOD+ZpJHPlt+7bofT/GlDnA/dt+n+NAB5Seh/M0eUnofzNG8/wDPNv0/xo3n/nm36f40ANjjUp0/iPf3p3lJ6H8zTY3IT7jH5j6ev1p28/8APNv0/wAaADyk9D+Zpqxr5r8enenbz/zzb9P8aarnzX+Ru3p/jQA7yk9D+Zo8pPQ/maN5/wCebfp/jRvP/PNv0/xoAa0a+anHY96d5Seh/M01nPmp8jdD6f407ef+ebfp/jQAeUnofzNNkjUJ0/iHf3p28/8APNv0/wAabI5KfcYfMPT1+tADvKT0P5mjyk9D+Zo3n/nm36f40bz/AM82/T/GgA8pPQ/mabHGpTp3Pf3p28/882/T/Gmxudn3G6n09frQA7yk9D+Zo8pPQ/maN5/55t+n+NG8/wDPNv0/xoAasa+Y/B7d6d5Seh/M01XPmP8AI3b0/wAadvP/ADzb9P8AGgA8pPQ/maaY185Rjse/0p28/wDPNv0/xppc+cvyN0Pp7e9ADvKT0P5mjyk9D+Zo3n/nm36f40bz/wA82/T/ABoAbJGoUcfxDv707yk9D+ZpsjnaPkYfMPT1+tO3n/nm36f40AHlJ6H8zSNGu08Hp6ml3n/nm36f40jOdp/dt09v8aABI1Ma8Hp6ml8pPQ/maRHPlr+7bp7f40u8/wDPNv0/xoAPKT0P5mmrGu9+O47+1O3n/nm36f401XO9/kbqPT0+tADvKT0P5mjyk9D+Zo3n/nm36f40bz/zzb9P8aAGmNfOUY/hPf6U7yk9D+Zppc+cvyN90+nt707ef+ebfp/jQAeUnofzNNkjUBeP4h3p28/882/T/GmyOcL8jfeHp/jQA7yk9D+Zo8pPQ/maN5/55t+n+NG8/wDPNv0/xoAR41EbcHoe5oWNdo4PT1NDufLb923Q+n+NCudo/dt09v8AGgBfKT0/U1WivLOa/uLJJD9ptwrSRsGU7WGQwz95eo3DIyCM5BAmlYmPlSvPesbWrK1ntPtdzcixks1aSO+3BTbjGWJJ424HIPBx7AiHKzsWo3VzZREVCX4AJOSccZqGxvLTU9PW809zLBIG8uTDASAEjcufvKcZDDhgQQSCDXF6Xe3Xim7+w+Jbc2EKL5kNm6lRqcYIHnEHkJyMwn5lyN/DKD28P+tFHN0Hy21MvVtag0hoYZYp5bq5yLa3iiYmdwQNgbG0HnPJGFDMflViMVfCuoQ6s3iRDHJrDD57QEi2K4xtXjh8cebjJ6EbflrrL/SrHU4yt9bRynYUDlfnQZDfK3VeVU5HdQewrkE1rUJ9SGiyXTjSDJ5C6+MAzSZx9nB6B88eb90n5B8/FHIHOze0nWLbWVl+ypOkkBCzxTQsjRPzlCcYLDHYngg9CCfPfGVpdW+u3t5LZ3ItjIo84QOUGQBksBgDPc8V6pY6bZabF5dhaxQDaFJRcFgMkZPU8knJ7knvSToshdJFDKwwysMgj0rlxOGjWiotnZg8XKhNyir6Hjw0LVyMjS73H/Xu/wDhUB0++F8tl9gvDcsnmeULdyQvTccDgZ4yetdlqOpXnhq8On6Ghu7PAadiC40lD/Ge7L6IOR1+6K6bSbC2srXfbSfaGuMSSXTNuackfeJ7jHTHAHSuD+zIfzM9P+2Kn8qPOb7SNTXSbI/2ZesYo5C6pbOzD5yegGc47Vn2umahe2sdzZ2F1PDIu5JI4GZWHqCBXsx+6tcrr0s3h24+1+H7c3t9eMSdHRwn2s/xSKTxGRnJY/KeAfmYZqWXQb+JkxzapFfCjgbnT76zMIubC8Rp5BFEv2dy0jHnAAGTwCT6AEngE13fw80+7s21D7baT2+7y9vmxsm7G7pnr1q/4dihvYxrM1wLy9lBjZ9hT7Pg/NCqHlMEYYH5iRz0GOigOM8E9Ola4fAwpVVNPYwxWZTr0XTcVZ/5k9FFFeqeKFFFFABRRRQAUUUUAFFFFAHNeNrzTtPs9NvdWe4SK3v45E8hAxLAHGf9nrk1k+IdK0bQdH1Ca+uroxatcIFEShjH8xfao9MlmP1rT8cQpcLocMo3JJqsKsD3BDVyGrPLqGg3Vvchj/YEa2pLD70hkADe58tQf+B0R6+v+X/AB/p/nb9Tsr3wet6moxJqM0FrqTb54kRc7toHDHnHA4q9b+H0huLiZ7l5HuLRLZyVA4UEbvrzXBeLri3nm1rd9jivbdl8kTAyXZAUENCOqpnuPQk1rPYWGta5qVxeRR3gGkwvGz/MAcMdw9/frU9P67Mf9fijYXwaII9llqc9uHtFtZsIp3qOh56HmqEeh2BvrvQomvZZGtoUlmVE2QhPuk5PJOOgBrK0zVrewguW1W5Ecl1o8XkmVvmmIVgQvdjyOBVPS4LOz0/Ur1LGMyrp1t88ahHG4fMdwGQPX2qur/ruC2/ryO2j8LbtTa9v9QlumktjayRmNVVkPoB0pkmhtY6NPDeaxcHTYbaRDGI1BVNpHJAycCuU0mdYvEF7Hos9huuNMYxLpi7YnkGcYPR3HGT1qykPhW58KyxQxWs2sGwl81FXdPv2ZbzQOc5/v9+lKXwv0/z/AK+YR+Jf12N+y8PNLBY3tnq06SLaeR5vlLmSInIyOxHr71Z0TwtBoksUkVzLMYrRbUbwOQGZs/X5q5rRdR0fStT0+4E1rbWc2kqkToVVHkVyWQY4L8jjrzVfwZZ2t/qenyXUCTeVpEckQlTIVvOkwwB6Edj1FOW7+f8A7d/XzJXw/d+h1ej+HIrOHR5A86HTreSFI5Qu4h9ud2CRkbexrPvdAn0u8gutKju5Z/PuZWngMZZBK24oUcgMucc5yCBWNodha6jD4MgvoEuIfsNyxikGVbHl4yOhHfB7gVDYLZQX1tBr3ljQLe7v4YluSPs6SLNiNWz8oATcFB49O1P7X3/mU9i6ulnSbFLrW/tclxd61HcwxRhGkZtoCq3IUZweh44GTXUDXIri7TTb2zvNPlu0YQ/aFTEmByAVZhnHODivP7WKBopV0WTyrdvEsP2eTZlQNi4IB6r6dsYxxXdXOhTSyC91S/a8e0jdoEWIRqrFSNxxnJxUv4bvb/gIX2v67skbwzD/AGPYWcVzJHNp+Db3IUFlIGM46HI7VFJ4RguYblry6lmvLiRJDcgBShT7u0DgAVzMFhZ2fhHw/LNBFHpszI2pyFcCQbTtMh7rnHXjHtUd55Zh1I6Jn/hH/tEHmfZf9Vt/5abMcbcYzjiqe79f8gOvn8PTXtsyahqk08odXhkWNU8ll6EAd6mj0q+8ubz9auHkkACMkaII8d8Y5rk9b/sZtFk/4RE2f2fz4jfG0yYPL/2tny/XHOOtQW9tZT2+qCy1bTrexaBRKukxO8MbZzuYj5eRwwHbrSDsdXH4clF5PfS6nKb6WJYhPHEqbVByOO/406DwzA97Pd6u8epSzxrEwlgQJtUkjK9Ccnqa5CAabcWep2lu2m20It42fUNIBaD733ZFXjtz/snnirWkyyP/AGjbeFrXSGufJjxd6ZJtgOSQQQMqHA59eRmgP6/I0NEi8MW3i7XLjS1gims440udkCJHBgHO0jvx830q5pWoWVx4mkvBHeW8mp2yLb/aIwqTJGWOVwSc4fOGwcdutcrBpl6bnxVpNrp6wvJpcaACcOS5R8c45LEnJrZj1C113VvDCaTKkz2LvNdCPk2y+SybXH8JLMBg4PB9Ka/r8RPb+vKx2tFIyhhzn8Dik8tf9r/vo0hiP/rI/qf5U+omjXenXqf4j6U/y1/2v++jQA6mS/6s/h/Ol8tf9r/vo0yWNRGev/fRoAlopvlr/tf99Gjy1/2v++jQA6mRf6lPoKXy1/2v++jTIo1MS9en940AS0U3y1/2v++jR5a/7X/fRoAQf65/90f1p9RCNfObr0H8R96f5a/7X/fRoAdTG/1ifj/Kl8tf9r/vo0xo18xOvf8AiNAEtFN8tf8Aa/76NHlr/tf99GgBJf8AV/iP50+opI1Cd+o/iPrT/LX/AGv++jQA6im+Wv8Atf8AfRo8tf8Aa/76NACQ/wCpT/dH8qfUUUamFDz90fxGn+Wv+1/30aAHUyPq/wDvUvlr/tf99GmJGpL9fvf3jQBLRTfLX/a/76NHlr/tf99GgBG/1qfQ0+omjXzU69/4jT/LX/a/76NADqZL9z/gQ/mKXy1/2v8Avo0ySNQnf7w/iPrQBLRTfLX/AGv++jR5a/7X/fRoAcehpsX+pT/dFIY1wfvf99GmxxqYk6/dH8RoAlopvlr/ALX/AH0aPLX/AGv++jQAkf8AF/vGn1FHGvzdfvH+I0/y1/2v++jQA6mD/Xn/AHR/M0vlr/tf99GmCNfOI5+6P4j70AS0U3y1/wBr/vo0eWv+1/30aAEl+6P94fzp9RSRqFHX7w/iPrT/AC1/2v8Avo0AOpG+6fpSeWv+1/30aRo12nr0/vGgBY/9Wv0FOqNI18tevQfxGneWv+1/30aAHUyPo3+8aXy1/wBr/vo0yONSG6/eP8RoAlopvlr/ALX/AH0aPLX/AGv++jQAg/1zf7o/mafUQjXzmHP3R/Efen+Wv+1/30aAHUx/9ZH9T/Kl8tf9r/vo0xo13p16n+I+lAEtFN8tf9r/AL6NHlr/ALX/AH0aAB/9W30NKv3F+lMeNfLbr0/vGhY12Dr0/vGgCSim+Wv+1/30aPLX/a/76NACRfdP+8f50+oo41Knr94/xH1p/lr/ALX/AH0aAHUwf65/oP60vlr/ALX/AH0aYI181uvQfxH3oAlopvlr/tf99Gjy1/2v++jQAjf6xPx/lT6iaNfMTr3/AIjT/LX/AGv++jQA6mS/6v8AEfzpfLX/AGv++jTJI1Cd+o/iPrQBLRTfLX/a/wC+jR5a/wC1/wB9GgB1Mi+5/wACP8zS+Wv+1/30aZHGpTv94/xH1oAlopvlr/tf99Gjy1/2v++jQAi/61/oKfUSxr5r9eg/iNP8tf8Aa/76NADqY3+tT6Gl8tf9r/vo0xo181Ovf+I0AS0U3y1/2v8Avo0eWv8Atf8AfRoASX7n/Ah/MU+opI1Cd/vD+I+tP8tf9r/vo0AOpD90/Sk8tf8Aa/76NIY12n73/fRoAWP/AFSf7op1RxxqY169B/Ead5a/7X/fRoAdTF/1j/hS+Wv+1/30aYsa+Y/Xt/EaAJaKb5a/7X/fRo8tf9r/AL6NACN/rk+h/pT6iMa+cvXof4j7U/y1/wBr/vo0AOpkv3R/vD+dL5a/7X/fRpkkahR1+8P4j60AS0U3y1/2v++jR5a/7X/fRoAVvun6Uif6tfoKRo12nr0/vGkSNfLXr0/vGgCSim+Wv+1/30aPLX/a/wC+jQAkfRv940+oo41Ibr94/wARp/lr/tf99GgB1MH+ub/dH8zS+Wv+1/30aYI185hz90fxH3oAlopvlr/tf99Gjy1/2v8Avo0AJJ0X/eFPqKSNQF6/eH8Rp/lr/tf99GgB1Nf/AFbfQ0eWv+1/30aa8a+W3Xp/eNAD1+6PpS0xY12jr0/vGl8tf9r/AL6NADqZF90/7x/nS+Wv+1/30aZHGpU9fvH+I+tAEtFN8tf9r/vo0eWv+1/30aAEX/XP9B/Wn1EI185uvQfxH3p/lr/tf99GgB1Mb/WJ+NL5a/7X/fRpjRr5ide/8RoAlopvlr/tf99Gjy1/2v8Avo0AEn+qf/dNOHQVHJGojbr0P8RpRGuB97/vo0APopvlr/tf99Gjy1/2v++jQAkX3P8AgR/mafUUcalO/wB4/wAR9af5a/7X/fRoAdTF/wBa/wBBS+Wv+1/30aYsa+a/Xt/EaAJaKb5a/wC1/wB9Gjy1/wBr/vo0AI3+uT6Gn1E0a+anXof4jT/LX/a/76NADqZL9z/gQ/mKXy1/2v8Avo0ySNQnf7w/iPrQBLRTfLX/AGv++jR5a/7X/fRoAdTIv9X+J/nS+Wv+1/30aZHGpTv1P8R9aAJaKb5a/wC1/wB9Gjy1/wBr/vo0AIv+sf8AD+VPqJY18x+vb+I0/wAtf9r/AL6NADqYf9cn+6f6Uvlr/tf99GmGNfOXr0P8R9qAJaKb5a/7X/fRo8tf9r/vo0AJL90f7w/nT6ikjUKOv3h/EfWn+Wv+1/30aAHUjfcb6Unlr/tf99GmtGuw9en940AOT/Vr9BTqjSNfLXr0/vGneWv+1/30aAHUxP8AWSfUfypfLX/a/wC+jTFjXe/XqP4j6UAS0U3y1/2v++jR5a/7X/fRoAQ/65f90/zFPqIxr5yjn7p/iPtT/LX/AGv++jQA6mSdF/3hVe+u7TTbU3N9KYYFIDSMW2pk4yxHQepPA6k1M8YwMbvvDuaAJa5jxX4qn8PXVvFBbxzCVCxLkjHOO1btzdWlpNbxXEpWS5fy4UBYs5xngDsByT0HeuL+IOnXl3f2Zs7S4nVYmDGONnwc+1cmMnOFFyp7nfl8KdTEKNXbUrH4lXpUg2Fvz/tNQPiVegY+wW//AH01cna6ffXsbSWtjdyqjmN8W75Vh1UjGQR6Gi706+sbV7i8sbqGFMbneBgOTgDp1JIAHcnFeF9Zxnd/cfSfU8B2X3/8E9K8NeKJ/ELXK3FvHEIQpGwnnOf8Kp6ulza6+2oa+6XPh6Iq8UaJgWbqBmWb++uRkN0j+8RgblreALC8tXvWurS4gDrHt82Jkz19RXQanqUsFwthpsH2nUpE3rEchYUyR5kh7LkEAdWIIHQkezhZVJ0k57nz+MhTp15Rp7afkVvEktnLawWhha5v5mMlhHBJtkV1GPND4OxV3Dc54w23DFwrX/D0Op2+l28Wv3cF7qC7vNuLeLykf5iRhcnGFwOvaue03w/N4KaW6tUm1C1uMG7AjLSwAZwIVHPkrk4hX7uTtySQetsporuKG5tZEmt5kEkcsbBkdSMhgRwQQcg10rc4nsZXimz1i5a1awl36bHu+32UQ2z3K8YEcmflxzkfxdMr1qxLqGhN4VEreTJpToIEgWLhudghEeM7sjZsxkEYxkYqxqmt2uktFHMsslxcZFvBFGWaZhj5FPTPOeSMAMx4ViMBfDN/BrB8Tr5b6o3L6eG/0cLjHy/9Ntvy+bjkfL92tjE0vC9prNrDcf2vODbOwNlbP801tHz8skmfnPTnt0yepd4kg1a502SPw/dw2l5vB8yaPeCv8QHoSOh7ehq7pes2mrpJ9l81XhIWaOWJkaJ/7hyMbh6Angg9CCS/uYbGCa6u5FhgiG55G4AFRPYuG5k6Bc6dBpk0UcRs5LUlr2O4f50cjJd2P3gQM7+hH0wKGhQXra0bzSyLTw66sVtJYzulc9JI/wDnmn+zjnrxUV/4cufFdzFqdykmn/Z+bSFk5mGc/v1/iTPIQ9Dz1rc0zU2vJHtLuE22oQqDLbnnI6B0P8SH17dDzUammheu1mexlWzdYrho2EUjruVGxwSO4B7Vz3hvNleSWuu4fXpU3SXJ4W7Re8Xoq55TqpPOchj0xVto+U/lXK6laf8ACcW/2W3aaDSlbcNRt2KSyOOhgccqOo3jqCQODkgaDbpLnUPEiz+FJUtvJnVNTunXfDcBSA0Sr3kAG0uPu42ncRhewgx82Biud0md9Ie30PUYY4CB5dlNFHsiuFUZ2gdFcKCSvcAkZAOOihU87gR0x2px3FK1iaiiitTEKKKKACiiigAooooAKKKKAOT+IJvW03TYNNvJrOafUI4xJC5U8huDjqM44rI8X+ILq+8NWDabcS2srxLd3LQyFWQAhdhI/wBs4/4Ca3vGt1p9jaaZearPLDFb6hHIpij37mAOAfQdeayNf0fSdC0fUpb/AFCcQ6rcII9kYfyvmL7VGemSzE+9Ef1/yB/p/ncv6/4yfRZrgYsyLcKTA8+Z5gRksqLkgD1PoasXfiLUjql1a6bZW7x21ol0zzSEEhs/KAB14pt94Qe8j1KCLU2gtdTbzJkWEFw20DhyenA4x681et/D/lXNzPJdGR7i0S1b5MAbQRu6+/Slrb+u3+Yaf18v0K2neKW1Fbl0tgiw2SXS5bklgTg/lWFpusale63earchTBBZxSx263Toi7h3BIU+5Na6eDpbePZY6q8AktFtJiYQxYDOGXn5Tz71QTQbL7Xd6ElxdSzPawJJKsI2RbPuknPOcdKfXT+t/wDgB0/ryLeneNUnvbuC4NrOlvam586ykLoQM5XJGCeO2add6t4gl8M3GoQ2tpBG9pJNG3mtvi+XIJGME/TvViPwtLJqjXuo6j9p8y1NrJEsARCh9OSQfxP4U19EuLPRZra91pv7MhtZEKrbgNs2kfM2TnA9AKUvhf8AXf8A4A47r+u3/BF0DWLyaa10++SNpDp6XLSqxOSWIxz9KraR4qv9ZvbSC3s7eNZbRbqV3kPyguylRgcn5c1JZ+H53isb6y1cpKtn9nMn2YYkizlTt3cMMnnnr0qzoXhVNDmikW7ecxWa2vzIBuAdm3fX5qqW7+f6/wDAJXw/d+n/AATP0/xJe3FloEOnWcRk1K3llJnndhEE29Scs33qqvrV7r91Z2lj5tlqqPcrMY7jESLE+xiQQd2WxjjI5962NG8OJZw6LIJZQdNt5IVSSMKzb9vJwTjG3361n3mgz6Rew3mmfapLg3FzKZoolcBZm3mNkLLkZxggjkUna/3/APAK6aGFJqEkWmm3uI7izeLXY4bx7aeRpLnKgsxKYY5BHA7ADFbkbtFrlpL4fOqNbIkhvRetP5ZUL8uPO53Zx933zWeumNplit3rkl0Z7rW47mJEjVpHbaAqkA4XOD3OBjrXVDXLe6uV065t7qxmukYRfaIwA+ByAQSM45xRrbTf/gIXX+u7M238UahNpWnztZ263OqMFtYhI2F4JJc49B2p1x4suLH7TaXdmjahFJHHGkTny5PM+6ckZA4Oatt4ZUaPp1pBdNHcadg29zsBwQMcr3BHGM1DL4RS6iuZL28eS+uJEk+0ogURlPu7VyeB7k5pu1/62ATVPEN9oOntPrEFmjPIkcDpOVjJb+8WA2getUk8dAJfRqLS/uLaFZlOnz+chUnBzjJGOp9q1Ljw/d39uV1HVTLMrrJA8VuqLCy98ZJOe/NTx6bqhjm+0a2xldQIzDbKix474O4nPfn8qQGWviy4GkXd9GLDUI4EU7tPuDJtJPO9cZGByfarFhqF14hsrqG31CwAKALd6dOJTGT1BU9Dj+dPj8O3X2641CXVMX8sSxLNBbKgVVOeVJO78+nTFVr3RksodQ1fV9WeKZ4FjNzaR+QUCnK8AkscnHXkcYo06hr0M2W61HTNT1W00v7YrDTXktILyVpmnmXI3xli3H3eM9xxUVjrNrbap4eXSNVuNQe+kMN+klw0u0mNmBZST5TblPyjbkZ4440bCSG71KW41e9miv7SzYxeZbiExRN96UAlgT8vXtjp6s0a7XUtY059Uvbmd0jaXT/MtBAkx24aThjubaeny8MTj0a3/rz/AK/4YT2f9dEdgxwOhP0pN5/uNTqKQyJnO9Pkbqf5U/ef7jUj/wCsj+p/lT6AG7z/AHGpkrkxn5GqWmS/6s/h/OgBd5/uNRvP9xqdRQA3ef7jUyJyIl+RulS0yL/Up9BQAu8/3Go3n+41OooAiDnzm+Rug/rT95/uNSD/AFz/AO6P60+gBu8/3GpjOfMT5G71LTG/1ifj/KgBd5/uNRvP9xqdRQBFI52fcbqP50/ef7jUkv8Aq/xH86fQA3ef7jUbz/canUUARRORCnyN90U/ef7jUkP+pT/dH8qfQA3ef7jUxHOX+RvvVLTI+r/71AC7z/cajef7jU6igCJnPmp8jd6fvP8Acakb/Wp9DT6AG7z/AHGpkjnZ9xvvD+dS0yX7n/Ah/MUALvP9xqN5/uNTqKAGFzg/I1Njc+UnyN90VKehpsX+pT/dFABvP9xqN5/uNTqKAIo3PzfI33jT95/uNSR/xf7xp9ADd5/uNTA584/I33R/WpaYP9ef90fzNAC7z/cajef7jU6igCKRztHyN94fzp+8/wBxqSX7o/3h/On0AN3n+41IznafkbpT6Rvun6UAMRz5a/I3QU7ef7jUR/6tfoKdQA3ef7jUyNzhvkb7xqWmR9G/3jQAu8/3Go3n+41OooAiDnzm+Rvuj+tP3n+41IP9c3+6P5mn0AN3n+41MZzvT5G6n+VS0x/9ZH9T/KgBd5/uNRvP9xqdRQBG7ny2+RulCudo+RulOf8A1bfQ0q/cX6UAJvP9xqN5/uNTqKAIo3O0/I33j/On7z/caki+6f8AeP8AOn0AN3n+41MDnzW+Rug/rUtMH+uf6D+tAC7z/cajef7jU6igCJnPmJ8jd6fvP9xqRv8AWJ+P8qfQA3ef7jUyRzs+43UfzqWmS/6v8R/OgBd5/uNRvP8AcanUUAN3n+41Mjc7PuN94/zqWmRfc/4Ef5mgBd5/uNRvP9xqdRQBErnzX+Rugp+8/wBxqRf9a/0FPoAbvP8AcamM581PkbvUtMb/AFqfQ0ALvP8Acajef7jU6igCKRzs+433h/On7z/cakl+5/wIfzFPoAbvP9xqQudp+RqfSH7p+lADI3Plr8jdBTt5/uNRH/qk/wB0U6gBu8/3GpiufMf5G7VLTF/1j/hQAu8/3Go3n+41OooAiLnzl+Ruh/pT95/uNSN/rk+h/pT6AG7z/camSOdo+RvvD+dS0yX7o/3h/OgBd5/uNRvP9xqdRQAxnO0/I3SkRz5a/I3Snt90/SkT/Vr9BQAbz/cajef7jU6igCKNzhvkb7xp+8/3GpI+jf7xp9ADd5/uNTA585vkb7o/rUtMH+ub/dH8zQAu8/3Go3n+41OooAikc4X5G+8KfvP9xqSTov8AvCn0AN3n+41Ndz5bfI3SpKa/+rb6GgBFc7R8jdKXef7jUq/dH0paAG7z/camRudp+RvvH+dS0yL7p/3j/OgBd5/uNRvP9xqdRQBEHPnN8jdB/Wn7z/cakX/XP9B/Wn0AN3n+41MZz5ifI3epaY3+sT8aAF3n+41G8/3Gp1FAEcjny2+RuhpQ5wPkalk/1T/7ppw6CgBu8/3Go3n+41OooAijc7PuN94/zp+8/wBxqSL7n/Aj/M0+gBu8/wBxqYrnzX+Ru1S0xf8AWv8AQUALvP8Acajef7jU6igCJnPmp8jdDT95/uNSN/rk+hp9ADd5/uNTJHOz7jfeH86lpkv3P+BD+YoAXef7jUbz/canUUAN3n+41Mjc7PuN1P8AOpaZF/q/xP8AOgBd5/uNRvP9xqdRQBErnzH+Ru1P3n+41Iv+sf8AD+VPoAbvP9xqYXPnL8jdD/SpaYf9cn+6f6UALvP9xqN5/uNTqKAIpHO0fI33h/On7z/cakl+6P8AeH86fQA3ef7jU1nO0/I3SpKRvuN9KAGI58tfkbpTt5/uNQn+rX6CnUAN3n+41MVzvf5G6j+VS0xP9ZJ9R/KgBd5/uNRvP9xqdWGfFEAJH2eT8xWc6kYfEzWnRnU+BXNcufOX5G+6f6U/ef7jVhnxPBvDfZ5OAR1H+e1O/wCEog/595PzFR9YpdzX6pX/AJTRnUOzK6gqwwVI6jHSuK1DU73wndf2f4f02bXIdob7DA4DWCnodzceX6J1GMKMDjp9bh1e90Nn8Nz21vfSBGRrtCyBeNwwD1xnHvUPhqKyWxkt7cSxXcb7r2O4IMxkI++5/izjhhxgYGAMCuVvUz5ktCHQbWGWEas10t/d3SYNyo+VVz/q0H8KgjkdSRzyONo/dFczFb3V14nFz4VliisDN/xM3lUmK4I4PlAf8tBjBfocYOSOOs8jgDd+lHKw5kcx4gRdKLa1YuIrwlUaADIvj/DHgdX9G6jvx0h0Fm8QzDU9XjMN1avhNMkOfsL46t2ZyD97pg/L1JK6TbXdrr+7xfJFLqEjMlhcQqRbqh/gQH7shA5zy2OOBineI7ee61JY/C7omvwoA1w6kwxRnkLOB94HOVUfMCcjAJycrDmQ/wAaf8i9/wBt0/k1eeJFHG7ukaq0hBdguCxxjJ9eAB+FeleKrdf+EdjW9kbPmJuMS9WwegJ6VxP2XT/+etz/AN8L/jXh46D9r8j6TLaiVD5mdWv4Mijh8S2ywxrGp81iFXAJKsSfqSST7mofsun/APPW5/74X/GtbwxBZp4ht2hknLgPgOoA+4feuehBqrH1R14monRnp0f5HWahpFhqiYvrWORwu1JcYkjG5W+Vxyp3KrZBGCqnqBXLJrmoz6gNEe5ZbIy+SNeUACVs48gdhLnjd93PA+b5a1/E8GrzNbfYHzpYDf2jBDlbqVeMCJ84HfPcjhSDzViW60BvCoZhA+kNEIVhWIbSv3REEx1yNuzGQRjGa+iPki3YaVY6XHs0+0igyoVmRfmfBJ+ZurHLMckk5JPc1574qijl8SXXmxq+2VWXcucEAYI967LwxDrEMNx/bEoa1LD7DHJlriOPnImfOGbpgjnHUk5Jw9dsLOXXLl5JZwzMMhUBHQe9cGOi5U1bueplklGq79v1Ry9MaKN5EkaNWdM7GK8rnrg9q2/7MsP+e9x/3wv+NH9mWH/Pe4/74X/GvI9lI9/20f6RDPGkujWkcqK6PHIrKwyGBY5BFRABVAUAADAA7VsS2lkthaKZJ8BWwdg/vH3qD7LY/wDPS4/74X/GtZU3+X5GEakbP1f5mXLDHOmyaNZF3BtrqCMg5B+oIB+orsfAhw19xn/V/wDs1YX2Wx/56XH/AHwv+NdN4Oigia8+ztI2Qmd4A/veldGDg1Xj/XQ5MfNPDSXp+aOoooor6A+WCiiigAooooAKKKKACiiigDlvHEKXKaHDKAySarCrA9wQwrkdXkl1HQJ7e53E6BEts5YH55S4UN9fLXP/AAOuq+IRvTpmmw6ZdzWlxNqEcayRMVPIbg46jOOKyfGGvXF54ZsW0uWS1lmjW7uWhbayqCF2Ej/bIH4GiPX1/RflqN7r0/V/mUPF1xBO+tPstUvLZlEMlyxe5XCggwqACq5PUHrknpWpLp9hrevalPexpdhdJheMv8yhiGO8dt3v1rR1/wAWLo01wz2tm624Xcss4E0oIySiAHgepxU914hvV1S6tdM0yCVLe0S5aSWbZlTn5QAp54+lT0/rswX9fejndK1WG0gun1S62SXGjxGNpW5lIVgcf3j06VR0qCys7HUr5bJfOGn2372FQkg3DDHfjIB7n0rs7DxHFqS3DrZKqQWSXSbiMncCdvTjpWFpurX19rl5qdxD/o0FnFJHbR3jqq7h3XAVvct07VT+J/13Bbf15FPSpvs3iC+i0ZtPiabTGaKLTf8AVtIM4O7gO/qcZqdbPwtceE5BHHbS6s1hKZQOZnfZlvNA5JyP4+h6Vs6d4ugkvru3uIbTFrbG582yl81dvcZ2jnjtmi51XWn8O3Oo22mWkCSWkkscgn/eR/LkFhsxn6Z5pS+F+n+f9fII/EvX/Iy9DvtJ0rVLCVZba1s5dIVY2TCo7hyWUY4LcjjrzVTwbZ2uoapp0l3Ck4h0iOSISruCt50mGAP8Q7HqK6bQdUmuJLTT7+2hMv2BLoyq+7JLEdwPTNQaR4putWvbSC002CMS2i3MjvMRsUuylRheT8uR0qpbv5/+3f18iV8P3foYei2FtqcPgyC/hW4g+w3LNFJyj48vG5ejDvg9wD2qLT0tFv7Wz10odBt7q/iijuTmBZFlxGrZ4wE3bQePTtW9p/iO4lstAh0zTUaTUbeWRfPumIhCbc5cgs2d316VUm1e68QTWVppyzWOqCS5WZI518lRE+xywZHDZbGDtzz1HND+L7/z/Qp7f1/WpgW0UIilTRZVSD/hJYhbu6l1UbFxgZGVHYA9MYrubrQ7q4mS91e/S5NmjtBHDb+UoYqRuOWYngnHSuQe+8rSvs08dxYPFrscN7LFcuZJyVBZtyBSMjGAoGABgDpW5HN5GuWj+Hp9SntQkhvUu5ppI9oXK8zEkNnH3ffNT9n+v5ULr/XdmXb2FnaeEvD7TQRR6fcsjanIRjzRtO3zG7rnA54x7Uy9KJHqceikroH2iDzPs3+qVT/rAmOAuMZxxXQW/ie7n0ewmfTbcTamwW0t/OJHQklzt4AA7Zp03iprGO5tLvT0W+hkjjSGJ8xy+Z90hiBx68VT3fr/AJaAY+uJo8WjyL4T+yrA88X25bV2WHy/fZlR74GcdahhtLeSDVI7DUtMsLF4E8yLTWeSFHz944AABHDAdutdDf67c6Fpzyarp9pCZJEjh8q4/duzf3iVG3HriqieM4YIr6Jra0nnt4lm22E4mjdScZJAyMd+OlLuHYx4k06W21KztV0/Th9njZ73S5Ga1b5vuyIuAM4we+09a0NB1DTNMur94NPs0ihgjeSbRnMkDgnHKDADDqeM471dXxNJDo93efY7C5hiRWzYXPmrycfONoIxnJ4PFWbG7utasbq3tZrC23IAl3p84nCE9QVIGGx609Q0MO9m361qF5o8i+IBPpcwkDMriHHKRKUwAGycj7xx1pmimBNY8NrYal/a5SF43hLA/YU8v7wA5HICfvNzc4B650NKj+z+KbvR1kvobGW03BLq4k8yVw2GeNyxYDGOhHOMYpNJ0uKXxvctp9xfx2Oljy5Va/mkW4nYA4IdyMID07lvaiPT+u/+Yn1/rsdiyhhzn8Dim+Uvq3/fZ/xpzHA6E/Sk8z/Zb8qQxjRrvTlup/iPpTvKX1b/AL7P+NNZ/nT5W6nt7U/zP9lvyoATyl9W/wC+z/jTZY1EZ5b/AL6NP8z/AGW/KmSvmM/K3btQA7yl9W/77P8AjR5S+rf99n/Gl8z/AGW/KjzP9lvyoATyl9W/77P+NNijUxLy3T+8af5n+y35UyJ8RL8rdPSgB3lL6t/32f8AGjyl9W/77P8AjS+Z/st+VHmf7LflQAwRr5zDLdB/EfeneUvq3/fZ/wAaaH/fN8rdB2+tP8z/AGW/KgBPKX1b/vs/401o18xOW7/xGn+Z/st+VMZ/3ifK3ftQA7yl9W/77P8AjR5S+rf99n/Gl8z/AGW/KjzP9lvyoAZJGoTq3UfxH1p3lL6t/wB9n/GmyP8AJ91uo7e9P8z/AGW/KgBPKX1b/vs/40eUvq3/AH2f8aXzP9lvyo8z/Zb8qAGRRqYUOW+6P4jTvKX1b/vs/wCNNifEKfK33R2p/mf7LflQAnlL6t/32f8AGmpGCX5b73940/zP9lvypiPy/wArfe9KAHeUvq3/AH2f8aPKX1b/AL7P+NL5n+y35UeZ/st+VADGjHmpy3f+I07yl9W/77P+NNZ/3qfK3ftT/M/2W/KgBPKX1b/vs/402SMBOrfeH8R9af5n+y35UyR8p91vvDt70AO8pfVv++z/AI0eUvq3/fZ/xpfM/wBlvyo8z/Zb8qAEMS4PLf8AfZpscamJeW+6P4zTi/B+Vvypsb4iT5W+6O1ADvKX1b/vs/40eUvq3/fZ/wAaXzP9lvyo8z/Zb8qAGJGp3ct94/xGneUvq3/fZ/xpsb/e+VvvHtT/ADP9lvyoATyl9W/77P8AjTRGPOIy33R/Efen+Z/st+VMD/vj8rfdHb60AO8pfVv++z/jR5S+rf8AfZ/xpfM/2W/KjzP9lvyoAZJGoUct94fxH1p3lL6t/wB9n/GmyP8AKPlb7w7e9P8AM/2W/KgBPKX1b/vs/wCNI0a7Ty3T++ad5n+y35UjP8p+VunpQAiRqY15boP4zS+Uvq3/AH2f8aRH/dr8rdB2p3mf7LflQAnlL6t/32f8abHGCG5b7x/iNP8AM/2W/KmRvw3yt949qAHeUvq3/fZ/xo8pfVv++z/jS+Z/st+VHmf7LflQAwRr5zDLfdH8R96d5S+rf99n/Gmh/wB83yt90dvrT/M/2W/KgBPKX1b/AL7P+NNaNd6ct1P8R9Kf5n+y35Uxn+dPlbqe3tQA7yl9W/77P+NHlL6t/wB9n/Gl8z/Zb8qPM/2W/KgBrxr5bct0/vmhY12jlun980O/7tvlbp6UK/yj5W6elAC+Uvq3/fZ/xo8pfVv++z/jS+Z/st+VHmf7LflQAyONSp5b7x/iPrTvKX1b/vs/402N/lPyt949ven+Z/st+VACeUvq3/fZ/wAaaI181uW6D+I+9P8AM/2W/KmB/wB63yt0Hb60AO8pfVv++z/jR5S+rf8AfZ/xpfM/2W/KjzP9lvyoAY0a+YnLd/4jTvKX1b/vs/401n/eJ8rd+1P8z/Zb8qAE8pfVv++z/jTZI1CdW6j+I+tP8z/Zb8qZI/yfdbqO3vQA7yl9W/77P+NHlL6t/wB9n/Gl8z/Zb8qPM/2W/KgBPKX1b/vs/wCNNjjBTq33j/EfWn+Z/st+VMjfCfdb7x7e9ADvKX1b/vs/40eUvq3/AH2f8aXzP9lvyo8z/Zb8qAGLGvmNy3QfxGneUvq3/fZ/xpqv+8f5W6DtT/M/2W/KgBPKX1b/AL7P+NNaMeanLd/4jT/M/wBlvypjP+9T5W79qAHeUvq3/fZ/xo8pfVv++z/jS+Z/st+VHmf7LflQAySMBOrfeH8R9ad5S+rf99n/ABpsj5T7rfeHb3p/mf7LflQAnlL6t/32f8aDEu08t/32aXzP9lvypC/yn5W/KgBscamNeW6D+M07yl9W/wC+z/jSRv8Au1+Vug7U7zP9lvyoATyl9W/77P8AjTVjXzH5bt/Gaf5n+y35UxX/AHj/ACt27UAO8pfVv++z/jR5S+rf99n/ABpfM/2W/KjzP9lvyoAYYx5qjLdD/EfaneUvq3/fZ/xppf8Aer8rdD2+lP8AM/2W/KgBPKX1b/vs/wCNNkjUKOW+8P4j60/zP9lvypkj/KPlb7w7e9ADvKX1b/vs/wCNHlL6t/32f8aXzP8AZb8qPM/2W/KgBrRrtPLdP75oSNfLXlun980rP8p+VunpSI/7tflbp6UAL5S+rf8AfZ/xo8pfVv8Avs/40vmf7LflR5n+y35UAMjjBDct94/xGneUvq3/AH2f8abG/DfK33j2p/mf7LflQAnlL6t/32f8aaI185hlvuj+I+9P8z/Zb8qYH/fN8rfdHb60AO8pfVv++z/jR5S+rf8AfZ/xpfM/2W/KjzP9lvyoAZJGAF5b7w/iNO8pfVv++z/jTZH4X5W+8O1P8z/Zb8qAE8pfVv8Avs/40jxr5bct0/vmneZ/st+VNd/3bfK3T0oAFjXaOW6f3zS+Uvq3/fZ/xoV/lHyt09KXzP8AZb8qAE8pfVv++z/jTY41KnlvvH+I+tP8z/Zb8qZG/wAp+VvvHt70AO8pfVv++z/jR5S+rf8AfZ/xpfM/2W/KjzP9lvyoAYIx5rDLdB/EfeneUvq3/fZ/xpof963yt0Hb60/zP9lvyoATyl9W/wC+z/jTWjXzE5bv/Eaf5n+y35Uxn/eJ8rd+1ADvKX1b/vs/40eUvq3/AH2f8aXzP9lvyo8z/Zb8qAGSRqI25bof4zThEuBy3/fZpJH/AHbfK3Q9qUPwPlb8qADyl9W/77P+NHlL6t/32f8AGl8z/Zb8qPM/2W/KgBkcYKdW+8f4j607yl9W/wC+z/jTY3wn3W+8e3vT/M/2W/KgBPKX1b/vs/401Yx5r8t2/iNP8z/Zb8qYr/vX+Vu3agB3lL6t/wB9n/Gjyl9W/wC+z/jS+Z/st+VHmf7LflQAxox5qct0P8Rp3lL6t/32f8aaz/vU+Vuh7U/zP9lvyoATyl9W/wC+z/jTZIwE6t94fxH1p/mf7LflTJHyn3W+8O3vQA7yl9W/77P+NHlL6t/32f8AGl8z/Zb8qPM/2W/KgBPKX1b/AL7P+NNjjUp1bqf4j60/zP8AZb8qZG/yfdbqe3vQA7yl9W/77P8AjR5S+rf99n/Gl8z/AGW/KjzP9lvyoAYsa+Y/Ldv4jTvKX1b/AL7P+NNV/wB4/wArdu1P8z/Zb8qAE8pfVv8Avs/400xr5yjLdD/Efan+Z/st+VML/vl+Vuh7fSgB3lL6t/32f8aPKX1b/vs/40vmf7LflR5n+y35UAMkjUKOW+8P4j607yl9W/77P+NNkf5R8rfeHb3p/mf7LflQAnlL6t/32f8AGkaNdp5bp/fNO8z/AGW/Kms/yn5W6elAAka+WvLdP75pfKX1b/vs/wCNIj/u1+VunpSStmM8Ec9xQA7yl9W/77P+NNWIb3+914+Y+lQZozVWFctCNQerf99muGazudx/0eXr/cNdgp+cfWqRJz1rCth1Wtd7HTh8U8Peyvc5v7Hc/wDPvL/3waPsdz/z7y/98GukyfWjJ9aw+oL+Y6v7Ul/KWnvrbS9GiuNQlEEKIgd2BwucDn0Huelc1q3huXx08d3Ld6hodvCCLeSykMFzcKeokP8AzyPB8s8ngnGMV1ctpb3tmkV5BHcR/K2yVAwyOQcHuDXNXmoP4McWsKm9sZEZre2DZktQByM94R6n7nQZGAOtKysec3d3NDTtWWxkg0jVII7O6GI7dYIz5M6jgGPH3QB1U/d+nNbtYunaLDKyanqjQ6jfSbZEn2ho4R1VYh2Udc9WPJ7AbVMRzWpXcfim3m0jSlEsL/JdXckZ22+D0UHBMoIyP7pwT0xUWmbPBFmun6k8ktgCWj1OTLySMevnkcmQn+P+I+h4qbV7GHw5aza1o6xWht4y09qoCxXSj+HA6SdlYcknByDwzSIo/F9tFq+rIktuykQac3zJBkYYyA/ek5IIPCjgdSSAWPFsb3Wgp9njeQmVWAVSTjB7VxH9nXv/AD53H/fpv8K9Mu1EdqqoAqqQAAMACqOT61x1sEq8udux6GHzGWGhyKNzgf7Ovf8AnzuP+/Tf4Vq+G7K6i1+B5baZFAfLNGQB8hrqcn1qa0J+1J+P8qzjlsYSUubY1nm0qkHDl303K2p6vbaUY0uPMaeYHyIY4yzTMMfKvbPPT0BPQEjn08NajBrR8TeWr3rctpQb9woxjevb7Rt+Uyd1+Tp81dbqWjWGrJi+tld1Uqkw+WSLkHKOOVOVU5BBBUHtXNR61qVzr0vhNrxEuIkVn1ZQoaRCCdirjaJwBkj7oBDbcHaO3kPO5za03VbXVkkNmZC0RAljeMq0Tf3Wz3Hp9OxFc7rNncyaxcMlvKylhghCQeBXX6dpNhpMRTT7WODIAdlGWfGeWY8scknJJJJJ71XuSftL896yqYZVVy3sb0cW6EuZK5xf2G7/AOfWb/v2aPsN3/z6zf8Afs12GT60ZPrWH9mx/mOr+1pfyficvPZXRs7UC2mJCtkeWePmNV/sN3/z6zf9+zXdRH9yv407NDy+LfxBHNJJfCcH9hu/+fWb/v2a6PwlbyxNdefFJHnZjcCufvVs5qWA4z1PSrp4JUpqd9jOtmEq1N03G1yeiiiuw84KKKKACiiigAooooAKKKKAOb8aXGn2drpl3qt09tFb6hFIpWIvvYZwpx0HvWNruiaZoej6nLqOqSpDqdwiwkQ7/JBcvsUA8gsWOf8ACtTxzAl1HokEqho5dVhRge4IYVyOsTS6n4fmt7gsToMS28mf4pjJsDf98Ln/AIHRHr6/or/oN/p+rsdbqHg2W+GpRRamsFvqTb5P9FDSqdoGFctjbwONueuCK0Lfw+0Vzczy3Yd7izS1bEW0DaCN3U9c9K4vxZdiVdamiEEdxaOqpNczkzoQoIEMagYHP3i3XPBxitOWzttY13UpbvM4TSopI/nO0MQx3AdM+9Tpb+uzD+vxRop4OubWIpp+reQJbNbScvbbywXOGX5htPPfdVFNAsxc3ehLe3ElxJawI7pb/LFs+6WOcc46VS0nVlggvJNSuyry6PEyNK/LnawJHqelUNKS1s7TUb8wMZhp9t+8hYI/zDBO4g4z3OOlU93/AF3Bbf15HXw+E5m1N7u/v4plltWtZIIbXyk2HuvzEg+uSfwofRLy10Sa0vdbX+zIbWSMhLULJs2kZdixzgf3Qua5vTrma08QX8OmtZwtJpbSRQWMjSKZBnB3HAZvoB+NWDaeHp/BzuGil1KSwlLjzCZJH2ZbeAeSD69KUvhf9d/6+YR+Jf12Niz8P3bR2N9Y6xGsq2f2ZpDaErJHnKsF3/KwyeSSOelWNB8KDQ5oZPtrXBislteY9u7Ds27r/tdPasTQrzT9N1WxImhgtH0dShDAIzBzux2zyOOtU/B0EWpanp73YM6x6THLGHJID+dJhsevHWqlu/n/AO3f8H7yV8P3fodNovhxbOHRJRcSH+zbaWELJDsZ9+3kjPy429OetZ13oc+i38F7pzXD3JuLmQzR2vnIEmfeY3jDhjzjDAjlffFZmi2sepw+DoL7dNC1jcu8bMdshHl43Dv681Hpnktqdrp+syk6PDc38cKTP+7LpLiNGzxgJuwD6e1H2vv/ADKexPHpr6dZLe67PcCW51uO6iVbfdJKdoCrsB+XJBxycDGcmurXXLS8uBp0sdzaT3KMIhcwlN+Bzj1I9K4CJVMcsekXC+UviWJbeSUGVFGxeMZBKg9ACOK7W50S9uZ0vtZ1CG4NkjtBHa2xhUMVI3Nl3J4Jxgj8al25ddv/ALVC+1/Xdkh8MbdG021gu/LutNwYLkxbhkDByueQRxjP41DN4Q+2R3U19fM+oXEiSC4ii2LEU+6FQk8euSc+tc/b2sFv4X8PGVdlleOh1GVmI8wbTt3t6ZwOaZfymA6lBpUrroouLcSGEkogP+sCkdBjGcVT+J+v+QHUXfh691S1ZNV1RJZVdZLcw2gRImXvtJYtnvlsfSpYdH1JUnMurRJLIoWP7LYpGiY7kMWLZ7/MBjpjrXPa+unWmlMnhpoBHJPELxIrhljEfuVyFB7kDNQLasyalFa6jpmmWrwJmK0uXnRHz94/Ku0MODg0gOgh8NXaXdzfNqUMV7NEsSva2YjjABz8yMzbieh5HHTHWoLnQxYQ6jqmp6qtrK8CoZ7CA26xhTkHG5izZOOvI4xWKotng1CwhFnpUv2eNzd2V08ts/zfddfl25xg98HrV7SNQ07Tbq+WbT7aFIYY5JJNOnaeBwTjJXAwwPJ4zjvQH9fkW9JmhvNa+26tebr2ytj5cbWhtgkTEEyYZmJztxnOOOlO8NXlhYSfYRNO82ozzXUU0sBjW43NvO085wpH4DNYPiKCa6vNV/se6bVXvdImBkyrG2AOVjUoAMNk8EFiR1rTtZI7fVNAGkahNfNOzLdxyzGQLH5RO/b0iIYKMKFHOMejX9fe/wDIT/r5Jf5nZ0UjAkcMV+lN2N/z0b8h/hSGD/6yP6n+VPqJkO9P3jdT2Hp9Kdsb/no35D/CgB9Ml/1Z/D+dGxv+ejfkP8KbKh8s/vGP4D/CgCWimbG/56N+Q/wo2N/z0b8h/hQA+mRf6lPoKNjf89G/If4U2JD5S/vGHHoP8KAJaKZsb/no35D/AAo2N/z0b8h/hQAD/XP/ALo/rT6iCHzm/eN0HYe/tTtjf89G/If4UAPpjf6xPx/lRsb/AJ6N+Q/wprIfMT943fsP8KAJaKZsb/no35D/AAo2N/z0b8h/hQAS/wCr/Efzp9RSIdn+sY8jsPX6U7Y3/PRvyH+FAD6KZsb/AJ6N+Q/wo2N/z0b8h/hQAQ/6lP8AdH8qfUUSEwp+8YfKOw/wp2xv+ejfkP8ACgB9Mj6v/vUbG/56N+Q/wpqIcv8AvG+96D/CgCWimbG/56N+Q/wo2N/z0b8h/hQAN/rU+hp9RMh81P3jd+w/wp2xv+ejfkP8KAH0yX7n/Ah/MUbG/wCejfkP8KbIh2f6xj8w7D1+lAEtFM2N/wA9G/If4UbG/wCejfkP8KAHnoabF/qU/wB0UhRsH9435D/CmxofKT94w+Udh/hQBLRTNjf89G/If4UbG/56N+Q/woAI/wCL/eNPqJEPzfvG+8ew/wAKdsb/AJ6N+Q/woAfTB/rz/uj+Zo2N/wA9G/If4U0IfOP7xvujnA9/agCWimbG/wCejfkP8KNjf89G/If4UAEv3R/vD+dPqKRDtH7xj8w7D1+lO2N/z0b8h/hQA+kb7p+lN2N/z0b8h/hSMjbT+8bp6D/CgB0f+rX6CnVGiHy1/eN0HYf4Uuxv+ejfkP8ACgB9Mj6N/vGjY3/PRvyH+FNjQ4b9433j2H+FAEtFM2N/z0b8h/hRsb/no35D/CgAH+ub/dH8zT6iCHzm/eN90dh7+1O2N/z0b8h/hQA+mP8A6yP6n+VGxv8Ano35D/Cmsh3p+8bqew9PpQBLRTNjf89G/If4UbG/56N+Q/woAV/9W30NKv3F+lMdG8tv3jdPQf4UKjbR+8bp6D/CgCSimbG/56N+Q/wo2N/z0b8h/hQARfdP+8f50+oo0O0/vGHzHsPX6U7Y3/PRvyH+FAD6YP8AXP8AQf1o2N/z0b8h/hTQh81v3jdB2Hv7UAS0UzY3/PRvyH+FGxv+ejfkP8KABv8AWJ+P8qfUTIfMT943fsP8Kdsb/no35D/CgB9Ml/1f4j+dGxv+ejfkP8KbIh2f6xjyOw9fpQBLRTNjf89G/If4UbG/56N+Q/woAfTIvuf8CP8AM0bG/wCejfkP8KbGh2f6xh8x7D1+lAEtFM2N/wA9G/If4UbG/wCejfkP8KABf9a/0FPqJUPmP+8boOw/wp2xv+ejfkP8KAH0xv8AWp9DRsb/AJ6N+Q/wprIfNT943fsP8KAJaKZsb/no35D/AAo2N/z0b8h/hQAS/c/4EP5in1FIh2f6xj8w7D1+lO2N/wA9G/If4UAPpD90/Sm7G/56N+Q/woKNtP7xvyH+FACx/wCqT/dFOqOND5a/vG6DsP8ACl2N/wA9G/If4UAPpi/6x/wo2N/z0b8h/hTVQ+Y/7xu3Yf4UAS0UzY3/AD0b8h/hRsb/AJ6N+Q/woAG/1yfQ/wBKfURQ+av7xuh7D29qdsb/AJ6N+Q/woAfTJfuj/eH86Njf89G/If4U2RDtH7xj8w7D1+lAEtFM2N/z0b8h/hRsb/no35D/AAoAc33T9KRP9Wv0FNZG2n943T0H+FCI3lr+8bp6D/CgCSimbG/56N+Q/wAKNjf89G/If4UAEfRv940+oo0OG/eN949h/hTtjf8APRvyH+FAD6YP9c3+6P5mjY3/AD0b8h/hTQh85v3jfdHYe/tQBLRTNjf89G/If4UbG/56N+Q/woAJOi/7wp9RSIcL+8b7w7D/AAp2xv8Ano35D/CgB9Nf/Vt9DSbG/wCejfkP8KR0by2/eN09B/hQA9fuj6UtRqjbR+8bp6D/AApdjf8APRvyH+FAD6ZF90/7x/nRsb/no35D/Cmxodp/eMPmPYev0oAlopmxv+ejfkP8KNjf89G/If4UAC/65/oP60+ogh81v3jdB2Hv7U7Y3/PRvyH+FAD6Y3+sT8aNjf8APRvyH+FNZD5ifvG79h/hQBLRTNjf89G/If4UbG/56N+Q/wAKAFk/1T/7ppw6Co5EPlt+8boew/wpQjYH7xvyH+FAD6KZsb/no35D/CjY3/PRvyH+FABF9z/gR/mafUUaHZ/rGHzHsPX6U7Y3/PRvyH+FAD6Yv+tf6CjY3/PRvyH+FNVD5r/vG7dh/hQBLRTNjf8APRvyH+FGxv8Ano35D/CgAb/XJ9DT6iZD5qfvG6HsP8Kdsb/no35D/CgB9Ml+5/wIfzFGxv8Ano35D/CmyIdn+sY/MOw9fpQBLRTNjf8APRvyH+FGxv8Ano35D/CgB9Mi/wBX+J/nRsb/AJ6N+Q/wpsaHZ/rGHJ7D1+lAEtFM2N/z0b8h/hRsb/no35D/AAoAF/1j/h/Kn1EqHzH/AHjduw/wp2xv+ejfkP8ACgB9MP8Ark/3T/SjY3/PRvyH+FNKHzl/eN0PYe3tQBLRTNjf89G/If4UbG/56N+Q/wAKACX7o/3h/On1FIjbR87H5h2Hr9Kdsb/no35D/CgAeQJjI61jQ63Nb3/2DWY0jkmYi2uIgRHMOy4JO1wOxPPUeg1ZlIxyW9zXManeR+IYZdI0lI7kv8s9w6kx2vOM9svxwo78nArNydzRRVjU1DW3hmXTtKiFzqDKDhj+7hX+/IR29up/WtIOWt1EpBcAbmVcAnvgZOPzNclpUY8GQ/YdTlkntXYsmrTndJK3pO39/wBG4B4GAevUxMJYBJHyrgMpx1BpczHyoy77U5tKvfMvkU6Y+ALiNTut2/6ac8qf7wxjoR3M+o6rbafDGfnnmnO23giALzH256epPA71HqupLabLWG3N5e3AIitQcbh3Zj/Cg7n8gTxXP6dolx4Onkv52fUbecfvyFJNgP7sK9oB/c5K8nLA/K+eQckTqtO+1m1jOpGEXLHLLADtTnhck5OBxnjPXA6VX1SC+sxHc2ca3UCE/aIFQ+cV4w0fOCRzlSMnPByMNdt5UuI45oHWSJwGV1OQwPcGjU9ZstIRftspDyAmKJFLPKQQNqKPvNlhwPWrjJsicUin9q07+x/7V+3x/Ytu7zscdcYx1znjHXPGM0mlwX14slxeRi1gcj7PAyfvQvdpDnAJ4woHAHJycLjf8I5qQ1n/AISfyl+0bt/9hBx5OMY83PT7XjjzPu7f3f8A01rptM1my1dGNlKWeMDzYmUq8RORtYHo2VPHtVczI5UJqralBpn/ABJYoZrsMgVZ+FIyM5ORjjPPP0PSqHhhbaSCeaVpJdVZgt+1woWRW7JtGQqD+EAkY5ySSTr3l9bafbG4vZkghBALucAEnA5rktU8PzeOJUvY76/0K2jGILiyfyri7H/TTI/1P+z1brlR1QyxYvdQa60HhgCXR/OAuhIuY4Hz8whO4fiOQDyOcg9ZWFperRWJh0jUoYbC7TEcUcSkRTjoGi9vVTyvfPU7tAHJ2jXVz4ghTxcqxyKc6fAi4gdhnLH5mzJjsTgDpk5NO1lp7bXCfCoD6q6Zu7cjMDrj5Wk5GH6bSCCRweMFZdUvIvE8EmkaRsnD/wCvvCuUteeo9ZfQdjyemDFpRTwXbjTtWleS1JLR6rMcvOepE7f89P8Aa6N2APFAHRSq0lonnfK+AWwO+Oe/9awL28k0q+L6jt/syTAS5RCDA3TEnP3SejjAGcEDGT0UjCSFWTkNgg+1YWpazFHM+nWcIvtQb5RaZwACAd0hwdqYIycH0AJ4qlsS1qO1K9t9OjjH7y4uZyVt7aIDfM3tk4AHdjwO9W9Liuo4In1F4TdYJdYFIRc5woJOTgYG7jOM4XOBzGmaNP4KkkvLh5NStbgDz5ih32A/uRLzi2HZOSnJJcElOssrqC+txcWcizQtuCyJyGwSDg9+QaYrEOqy6hceXaaafsyTA+de8FoV9EU9XOeCflGMkHAUtbRtLbSRpy2xSBTvRlciRXznzA+d2/PO7Oc85qZ7qGK8itZJFWeZWaOM8FwuM49cZqbafQ/lSsh3K+lT6hFG9vqmJ2hIEd2uF89fVlH3WHfHB6jGcBmqxXZheTTTE04Iby5gcOO65B+UnscH6VLFdQz3E0EMivLAQJVXnYTyAaL+9ttOhM99MsEWQu9+ACaewblLT7211C2klDvC8J2zxSqFaEjqG5/Xoag0+6m1S7860ATTFBCzSId9w3qgzwo9TnPYDrWRqGhXXiy6j1SItp8UA/cROpH28dcTr1MXovXPzex3dN1qC6mFlNGbS/QEPaP95cdwehX0Pei4rI0njYWpWCQLJtOxnTcAexIBGR7ZH1rP03VfPuGsdRj+y6jGu5ogcrIv9+M/xL+o71ozOsFu0sp2pGpZjjoBya5bVbf/AITWP7Hps01pZxNk6vbNtmVvS3bBwezPyMZABJyoM1ZNUlu9S+xaOqSCGQC7uZFJjiA6ooBG5z064XOTnG07cGPmxmuZ0u+j0SOHR9Vihs5Uwlu8SFYroEgAoOcNkjKEkjPUjmulhU89R0/Gk9gJ6KKKkoKKKKACiiigAooooAKKKKAOW8eX+pWGmWB0V40upb6ONfMjVwchjjkcZx1HNZ/i/wASSweHbK40Ly45b4LcyM0SviIYzkEYzllX8a0fHE9taW+kXV9cx20MGpxSMzqx3YzwNoPP1wPesDXdE/sbRNTfU9Qto4bmVINPO1z5cZkMhU4UnOSemRhRRH9f8gf6f5/kdJq3iCx02Wee50uWaK32rcXYSMBMjp8xDNwf4Qadd+JbWy1Ca0tdKubp4bZZ5GgRAoiOccsw9OlZGteD9T1OTU1QafKLzBhu7mRzJbjaBsEYXGMg/NuGM9DWva6Hepe3lxO1uDc2EdsFR2OHUHPVRxz/APWpa2/rt/mGn9fIktta0rUfNMVr5i21qtyrNEv3GBIAz0PFYdh4jlv9dupmtrqDSobWOQRJFCRIGHG7qxz2Ax71LB4Y1zToWSwewlNxYLaymaR18plBG5QEO8c9DtqlBpFxDLe6NFeJ9vlsoE/dJIVXaOd7hcKG6evtT6/15j6f15HQ2Gvaeb6e1n09tNntoPPKyrHxH3IKE46dDg1TuPEOzSbrULDw9cqGtpJYbho49smBnLYbIHf5sZqvZ+EL4apLNPb6dZ2txZNayQ2sruyk/wAW5kG7OehAx71aay1yHw7Npt82mQ2UVnJE10JJHd12EAlNoCep5alL4X/Xf/gBHdf12/4JY0TU7fUEtLO803yrn7It1h0jKgEkZG0nBJGaZp/iqzvbu1g07S7l3nt1nyqxqI4i7LkksOhBOBnrxVSw0zW0aw1KyGnSObAWsiNPIEABysiny8t1OVIH1qbwx4YvtGuYJbyW3k8vT1tm8oty4kdiRkdMMKqW7+f6/wDAJXw/d+n/AAR1p4mtVsdG+y2N5ezahDI9sAkSvhdu7cQVVeD7Dj6VUvdWstZhshYLqUd5JJMv2K2WHdlDiTzBKDHw2Pm9TweaseH/AA/dWsXh2WR49un2k0UoIdWJfZjAZQf4T1xWbNYT+GNWi1I3FoLmS4vCI7hpEikilk8wAyBG2OMDjBzyPek7X18/+AV00K66tbw6UkWlG606T+2Y7e9nu0iMm8qNzcgoMDABAA444rZbVLjT9esreDV31m2uFk+0RyLEWiCrkODGqgDIxg5zmudFvK1i1/rBiCXWvxzoqQyOsyhFGEUKS3IIBIGcZ4zXY2+o6TLK9haQNZXVzGwjSaze38zA5xuUZx7Ua28/+Ahdf67sgi8UWtzosNx/ZVz5N0VS0t2WPdcZ7Bd3GMfxYp48TabbWNylxZy2stu6xvZFF3Fm+6BtJU59jUP/AAjd7DoejLbvbtqGlYZA7MIpDjBBIGRkHrg/SoLnwtqOom6v7qa2g1GSWKSGKNmeKPy+iliATnJydo+lN2uwLx1u2sLCY3mjXFj8yosBjQ+ezdAu0lSfx4qMeI9OsbW8S902TT5IUV3tnjTMiscAjaSpyeOvHemarour+IdPKanFp0DwypLbwxySSqzDrvcqvB9l49TTLTw9eRx3cn9laHayyRCNI1Mk4cdw7kLgH0CnHXnpSAsHXbWw064mvdFuLCFVU7WjjKy7jgAFGK5yQOSKlhubu4srq307SP7MuigMZukQxNnjOYywOB2rOs/DepQm9kW20y1SeFYxp4mkngkIPJYlV25HHCnHXnpTItJv9Gt9S1Az2WhoYVCRQzNcQqynO5t6LjP3cAfjmj1BX6C6ZqjadrGpWUdyL62tbT7RJKYUjZJRnKDYqhhgemR6nNHhO5Mhs5b/AFC9F9dQ7nhmso4IpW25YK3lKzY6/e96bpz3HiHXDeXEkWm39rZvFDHEsjNiQj96RLGmQCvAwR15qWOS41PxVp+nazLZR3mlqb0JayvI02VMe5gUURj584yxP0GS15/1v+n9bifl/W36nWM20dCfoM0nmD0b/vk06ikMiZxvThup/hPpT/MHo3/fJpH/ANZH9T/Kn0AN8wejf98mmSuDGeG/75NS0yX/AFZ/D+dAC+YPRv8Avk0eYPRv++TTqKAG+YPRv++TTInAiXhun901LTIv9Sn0FAC+YPRv++TR5g9G/wC+TTqKAIg485uG6D+E+9P8wejf98mkH+uf/dH9afQA3zB6N/3yaYzjzE4bv/Calpjf6xPx/lQAvmD0b/vk0eYPRv8Avk06igCKRwU6N1H8J9af5g9G/wC+TSS/6v8AEfzp9ADfMHo3/fJo8wejf98mnUUARROBCnDfdH8Jp/mD0b/vk0kP+pT/AHR/Kn0AN8wejf8AfJpiOMvw33v7pqWmR9X/AN6gBfMHo3/fJo8wejf98mnUUARM481OG7/wmn+YPRv++TSN/rU+hp9ADfMHo3/fJpkjgp0b7w/hPrUtMl+5/wACH8xQAvmD0b/vk0eYPRv++TTqKAGGQYPDf98mmxuBEnDfdH8JqU9DTYv9Sn+6KADzB6N/3yaPMHo3/fJp1FAESOPm4b7x/hNP8wejf98mkj/i/wB40+gBvmD0b/vk0wOPOJw33R/CfepaYP8AXn/dH8zQAvmD0b/vk0eYPRv++TTqKAIpHBUcN94fwn1p/mD0b/vk0kv3R/vD+dPoAb5g9G/75NI0g2nhun900+kb7p+lADEkHlrw3QfwmneYPRv++TRH/q1+gp1ADfMHo3/fJpkbgBuG+8f4TUtMj6N/vGgBfMHo3/fJo8wejf8AfJp1FAEQcec3DfdH8J96f5g9G/75NIP9c3+6P5mn0AN8wejf98mmM43pw3U/wn0qWmP/AKyP6n+VAC+YPRv++TR5g9G/75NOooAjeQeW3DdP7poWQbRw3T+6ac/+rb6GlX7i/SgBPMHo3/fJo8wejf8AfJp1FAEUbgKeG+8f4T60/wAwejf98mki+6f94/zp9ADfMHo3/fJpgcea3DdB/CfepaYP9c/0H9aAF8wejf8AfJo8wejf98mnUUARM48xOG7/AMJp/mD0b/vk0jf6xPx/lT6AG+YPRv8Avk0yRwU6N1H8J9alpkv+r/EfzoAXzB6N/wB8mjzB6N/3yadRQA3zB6N/3yaZG4CdG+8f4T61LTIvuf8AAj/M0AL5g9G/75NHmD0b/vk06igCJXHmPw3Qfwmn+YPRv++TSL/rX+gp9ADfMHo3/fJpjOPNThu/8JqWmN/rU+hoAXzB6N/3yaPMHo3/AHyadRQBFI4KdG+8P4T60/zB6N/3yaSX7n/Ah/MU+gBvmD0b/vk0hkG08N/3yafSH7p+lADI5B5a8N0H8Jp3mD0b/vk0R/6pP90U6gBvmD0b/vk0xXHmPw3b+E1LTF/1j/hQAvmD0b/vk0eYPRv++TTqKAIi481eG6H+E+1P8wejf98mkb/XJ9D/AEp9ADfMHo3/AHyaZI4KjhvvD+E+tS0yX7o/3h/OgBfMHo3/AHyaPMHo3/fJp1FADGkG08N0/umkSQeWvDdP7pp7fdP0pE/1a/QUAHmD0b/vk0eYPRv++TTqKAIo3ADcN94/wmn+YPRv++TSR9G/3jT6AG+YPRv++TTA485uG+6P4T71LTB/rm/3R/M0AL5g9G/75NHmD0b/AL5NOooAikcELw33h/Caf5g9G/75NJJ0X/eFPoAb5g9G/wC+TTXkHltw3T+6akpr/wCrb6GgBFkG0cN0/uml8wejf98mlX7o+lLQA3zB6N/3yaZG4CnhvvH+E+tS0yL7p/3j/OgBfMHo3/fJo8wejf8AfJp1FAEQcea3DdB/Cfen+YPRv++TSL/rn+g/rT6AG+YPRv8Avk0xnHmJw3f+E1LTG/1ifjQAvmD0b/vk0eYPRv8Avk06igCOSQeW3DdD/CaUSDA4b/vk0sn+qf8A3TTh0FADfMHo3/fJo8wejf8AfJp1FAEUbgJ0b7x/hPrT/MHo3/fJpIvuf8CP8zT6AG+YPRv++TTFcea/Ddv4TUtMX/Wv9BQAvmD0b/vk0eYPRv8Avk06igCJnHmpw3Q/wmn+YPRv++TSN/rk+hp9ADfMHo3/AHyaZI4KdG+8P4T61LTJfuf8CH8xQAvmD0b/AL5NHmD0b/vk06igBvmD0b/vk0yNwE6N1P8ACfWpaZF/q/xP86AF8wejf98mjzB6N/3yadRQBErjzH4bt/Caf5g9G/75NIv+sf8AD+VPoAb5g9G/75NMLjzl4bof4T7VQ1XULyy8q4tLf7Vbxk/aYVUmYr/ej5wSO64yQeDkBWmt9Us7u1S+t51e3KFhICNuO5J7YxS5kVysueYPRv8Avk1xHiKaRdeuAsjqPlwASP4RXQadrM+q3jT20SppKoRHLIp8y5fP30GfljABAJyXJyNqqC9bV/DMupz3F1bXyQSyoPL8yAuqnaACQGGRx0yPrXJioSqQShvc7cFUhRqOVTa3+Ryvnzf89X/76NHnzf8APV/++jWlpWh/bme2u7j7HqMAHn2pTdj/AGkbI3xns2B6EKwKhn9hSXmqiz0m7WWOB/8ATLp4T5cX/TNcN80h9Oijk84VvO+q1+34o9f67he/4P8AyNzw47NpGWYk+a3JPsKqalYJocMur6P5ds8KmS4gJ2x3KjJIPo/XDdc8HIOK29N0n+z7PyPO8z5y27Zjrj39q56CO5vtdSDxWPIUOTY24jAhnIJ+ZiHbLgYwhOB1GT932qKcaajLc+exElOrKUdhNIK+M7OLVtRX/QXGbfTmYNs45aXGQX/2ei+55G9cqIdP2RfIqbVUDsB2rG1uKWx1cN4bPmavMu6a0C5ikT+/JyNhHZs5PTkdN820kunRi4bZIyqX+QDDY543HH5n6mqnrFpEU2ozTZhpDHHcyXCIFmlADyDq2OmTUvmP/eb86gvGk0vUM37j+zZQAlykf+ofpiT5vunsw47HHBNjUWtdNt0eSaSWSU7YIIYw0kzf3VG79SQB1JA5ri9jU7HpfWKPcbp8MdpJFFaoIo/N3bE4GS2Tx9TV7UdJstVVRfQ72QERyBirxZIOVYcqcqpyORgVDpVhdiCGTU5Ilud25o4FJROchdxOWwON2BnrgdKg8SXGrW6Q/wBkI5gZW+1zRwLJLAuV+aNS3zvgthdrDvyVEcukISitTCpUhN+6ZS63qja8/hH7UgvUiWY6thATASeBH0+0YXkAbACJMYIirotO0my0pGFjCI2cASSElnkIJOWY8scsTk8nNZ5svDn/AAiu8Tr/AGd/x8C7Ep3b/wDnr5md2/P8Wc5p/hu41a4jm/thHEKhfss0kCxyzLlvmkUOdr4C5XavrwWMcehib1zZ21/aCC9gSeIlWKSLkEjkcfWubvdTfwWwtyGvrCVWNrD5g823IGSpJPMX+0fudDkY27OsXeoW+mk6LAlxdhkCxy4CsMjOTuGOO4yR/dbpVDw29nNBNcyvLcanJ8l61xGEkRv+eezJCKOwBII5y2dx2sYMsafoiSyJqWsPFfagxDpIvMcA6hYh2A/vdW6nsBpzn5h9K5azup7TXfsnhpWn0lZQLoOgZLZs8rExdc+68heo5+U9TIyvg8j8KaEcxqlmnh21m1jRwluLdC9za5xHcoOSPaT0bueD14j0tF8X2keraoqvZyLm208sGWMEYLSY4aT26L0GTkmOzae+1tIvFYMMiHdY2wjCwy4/jOHYGQf3c/L1GetP1kyWOrE+GMy6pKu64tNgMTrjiR/mUK3ocgt0PHzLQjrLVQi7VGFUAAegqjqOgw3MzXtg4sdUB3JeIm7JwBtdcjehAAK5HTIKsAwu2ZJiBfO8qNw24wfzP8zXO63PevqxtdZ3Wvh53C+fEoBlYquI5GDkrGST82F3H5TtABll7jRBpOqS+OxPBOFs7Cyme3vLeOYO15IrFTgjkW5wSCQGkGMhVBEnVQWlvY2hgs4UhiBZgiDABYljx9STWJ4ihtLK3tp7EtbarGvlaetrGHaU9ojHlQ8fqCyhR825MbhqaU+oT6WraxDHb3jM4eOI5RRvIXacncNuPmO0t1KITsVFLcr6hp9vqdqYLtSRkMjqxVo2HRlYcqw7EVzUet6nca5L4UN0iXkMaySaou0F4TnhU/574HPGwcPjkR1r+JW1i3EQ0xW+yMrfa54oQ8sC5X5o1LfM2C3y7T3bkqI5Ek0zw+vhdXFwiWC/v0u0kO/f/wA9A+cl89+pNZcrNeaJo2Njb6baLb2abI1JJ5JLE9WJPJJ7k8mrl1Y2uoWohvoI7iLIbZIuRkd8VjeGzrNzBKdajKIu37NI8IjklXn5nUOdrYxlcDHXuVTQ1qXVLfTd2h28dxdh1AjlxtI75O5cfXn6elRTW5Emnsc/qGr3PhK/tNHgKXcWoEpYtcy4+xkDpITy0f8Adx82fl9xu6doNtYyi6mJu9QbJkvJR87E9cf3V9FHAFUtCttOvNNuZbljd3Mw2X7XaBXVh1Rl6Io7AcY5yeph8P3OoNqPkWRe60Bdwhu51G/IHCqxYFkBzh9pJ6dBuNkG7eRpNG0Uqh45EKsp6EHgiuT1q4XwPaPqtkjPpxdVn05CAdzMAHhyQAcnLKSFIy3BB3dbfpMbOZ7XmdY2Ma7Q2WxxwWUHntuH1HWuc0OFr3VpJPEB2a1CDstSP3cEZ43Rc/OD3frnghcbRm07mqkrElhpS6l5eqa00N5cSYeFI23Q2y5DKI/U5AJfqxHYYUdDAcZzk9K5Qx3NlrzWvhQefbeav2+ExgxWpLDJjJdfnIJJQEgD5uDhJevjj8vPOc+1CTuEpKw+iiitDIKKKKACiiigAooooAKKKKAOV8dW6XcWiW8yho5dViRge4IYGuS1q4k1Xw/JBcMWbQYlgmz/ABTGTYG/74Un/gddd481DUNP0ywbSPJN1JfRxp5sYcHhjxnoeOvaqHi/xEbbw9Z3GiRwCXUNtzIXhVv3QAySD1OSq/jRHr6/ov8Agje69P1Zl+K715E1q4tzHFJZOqLPcXTCVGCg4iiUDg5+8W654OMVpTWsera7qT3Uskix6XFJGFlIUMQx3AA9fetXVtb0qwupp7nR5blbcKlzepDEVhyOhLMGbg/wg9add+I7DT7+azttJurp4rZZZWtYowoiOccsy5Ax06+gqen9dv6YL+vvRgaPq5SC9k1G8Ks+jxOrSPjcdrAke+cVnaV9ns7XUtQZJjN9gtv3kcm1yWGD8xzjPc44rtINU0TUt5js1mW0tVuFZoFwEYEgLnkHjpxWJY+Ije65dSGynttIhtY3K+RAfMDDgNhi3PQAD64qnu/67gtv68ilYXV3Za/qEFo1tE7aY0sdtaXDTgOM4JZgMt9APxqy9nok3gt52uPMvprCUtm4O6V9mTuXPOD+Vbmm6vpX2yW3fSm0me2hM4WeKIfuz1YGNmA6cg4PtVObX7eLTbvUdP8ADN2u+3kliujbxBJgBnJIfcAevzAZHvxSl8L9P8/6+QR+Jf12/r5lTQbq007VbJROkNq2jq65k+QsHO4/XkVS8HoNT1LT3u5JJ1j0pJkVpDjf50mGx3PFdDot9Y6lFZ2d3pAguBai6CSQxFVBJGRtJAJIz+VJp/ijTrq7tYNL0m6eSe3WUGOKJRFEXZcsS44BBOBk88A81Ut38/8A27+vkSvh+79P6+Zg6ND/AGnD4PgvZJZIpLK5eRPMIEhHl43evXNR6Wwm1a10zVriT+yori/jiEkpCu8cuERj3wm4gE9vat+08S2MdjoxtrC8vZ76GRrVY4IlfC7dwPzBU4IPUDj1wDT1HVLDWbWyGnR3wuZpZgdPht4WYshxIZFkPlgq38Wep4JzS6/f+f6FdDnkyVli0u78xI/EsSW8kxMqoNi8dQSAe2RXaXWi31zcR32sX8Exskd4I7W3MI3FSMsS7E8E9MVzcWqW0Wkxw6OLiymOsx293LewR71kKjJC8qMDAGOOOOOa3JNSvNL1yytn1L+1oLpZPNjMSB4gq53goAMcY59aT+G39bIXX+u7Me2gWDw14e813W1vnX7fO0pBf5TtDNngE4FM1C4ktZNStdNuJRpC3NusjxsSIg33wGzwMYz6V0EXiawutDinOkXf2a5Kpa27RRE3Oeypv4xj+LaPwp6eItJttMuUmsZLI27COSwaFN5ZvugBSVbPqDiqe7/rtoBkeIltNP0wxeHpo8SzxC6QXbBVjPckbtgPcgVALW6C6lBDqWmaXbyW6Yihv3uAj56nKJtVhwcGt5dY0+w02f7VoVzpq7lX7M9vH+/LdAuxijH2zx3xTIte0ixs7xLnSpNMaFVaWzkhjDSBuFI2MVbJ468d8UgMMBfK1DTVNvpNybeNxcwXzzW0g3dGyFKk4we+D1NXdKvrDTbq+i1Kyitlihjkke1uXurdwTgHBUFSCPTpzmtBNY0/T9OuWutAudMhCqTG9vEVn3HAAMbMpJJAwSPfipLaeWWxu7bStCbSrooCi3kSCJ88Z3RFlOB2zn8OaYGXLJc2vjCW60o/21PPp0hRS6L5G1gUQEYUKxbvzx1qhoMdzZ/EWD7Vpd6l3cabI11NM0OXYyLl/lkPyjAUAcjjjHNamh3U1vrd/pWmy2t8IrfzDMsSwqk+SPLbYvI4znBI/Kn2N/eQeL7XT7m8g1G4kt3N3siVfshGCArAAlSTjacngH1ojo1bz/UT2fy/Q6tgSOCR9KTY3/PRvyFKzBRzn8Bmk8xfRv8Avg0hjGVt6fOep7D0p+xv+ejfkKY0g3pw3U/wn0p/mL6N/wB8GgA2N/z0b8hTJVbyz85P4Cn+Yvo3/fBpksgMZ4b/AL5NAD9jf89G/IUbG/56N+Qo8xfRv++DR5i+jf8AfBoANjf89G/IUyJW8pfnI49BT/MX0b/vg0yKQCJeG6f3TQA/Y3/PRvyFGxv+ejfkKPMX0b/vg0eYvo3/AHwaAGBW85vnPQdh70/Y3/PRvyFMEg85uG6D+E+9P8xfRv8Avg0AGxv+ejfkKYyt5ifOe/YU/wAxfRv++DTGkHmJw3f+E0AP2N/z0b8hRsb/AJ6N+Qo8xfRv++DR5i+jf98GgBkits++eo7D1p+xv+ejfkKZJICnRuo/hPrT/MX0b/vg0AGxv+ejfkKNjf8APRvyFHmL6N/3waPMX0b/AL4NADIlbyU+cj5R2FP2N/z0b8hTIpAIU4b7o/hNP8xfRv8Avg0AGxv+ejfkKYitl/nP3vQU/wAxfRv++DTEkGX4b73900AP2N/z0b8hRsb/AJ6N+Qo8xfRv++DR5i+jf98GgBjK3mp8579hT9jf89G/IUxpB5qcN3/hNP8AMX0b/vg0AGxv+ejfkKZIrbPvk/MOw9af5i+jf98GmSSAp0b7w/hPrQA/Y3/PRvyFGxv+ejfkKPMX0b/vg0eYvo3/AHwaAEKtg/vG/IU2NW8pPnP3R2FOMgweG/75NNjkAiThvuj+E0AP2N/z0b8hRsb/AJ6N+Qo8xfRv++DR5i+jf98GgBkat83zn7x7Cn7G/wCejfkKYkgG7hvvH+E0/wAxfRv++DQAbG/56N+QpgVvOPzn7o7D3p/mL6N/3waYJB5xOG+6P4T70AP2N/z0b8hRsb/no35CjzF9G/74NHmL6N/3waAGSK20fOfvDsPWn7G/56N+QpkkgKjhvvD+E+tP8xfRv++DQAbG/wCejfkKRlbaf3h6egpfMX0b/vg0jSDaeG6f3TQAiK3lr856DsKdsb/no35CmpIPLXhug/hNO8xfRv8Avg0AGxv+ejfkKZGrYb5z949hT/MX0b/vg0yOQANw33j/AAmgB+xv+ejfkKNjf89G/IUeYvo3/fBo8xfRv++DQAwK3nN85+6Ow96fsb/no35CmCQec3DfdH8J96f5i+jf98GgA2N/z0b8hTGVt6fOep7D0p/mL6N/3waY0g3pw3U/wn0oAfsb/no35CjY3/PRvyFHmL6N/wB8GjzF9G/74NADXVvLb5z09BQqtsH7w9PQUPIPLbhun900LINo4bp/dNADtjf89G/IUbG/56N+Qo8xfRv++DR5i+jf98GgBkattPzn7x7D1p+xv+ejfkKZHIAp4b7x/hPrT/MX0b/vg0AGxv8Ano35CmBW81vnPQdh70/zF9G/74NMEg81uG6D+E+9AD9jf89G/IUbG/56N+Qo8xfRv++DR5i+jf8AfBoAYyt5ifOe/YU/Y3/PRvyFMaQeYnDd/wCE0/zF9G/74NABsb/no35CmSK2z756jsPWn+Yvo3/fBpkkgKdG6j+E+tAD9jf89G/IUbG/56N+Qo8xfRv++DR5i+jf98GgA2N/z0b8hTI1bZ98j5j2HrT/ADF9G/74NMjkATo33j/CfWgB+xv+ejfkKNjf89G/IUeYvo3/AHwaPMX0b/vg0AMVW81/nPQdhT9jf89G/IUxZB5r8N0H8Jp/mL6N/wB8GgA2N/z0b8hTGVvNT5z37Cn+Yvo3/fBpjSDzU4bv/CaAH7G/56N+Qo2N/wA9G/IUeYvo3/fBo8xfRv8Avg0AMkVtn3yfmHYetP2N/wA9G/IUySQFOjfeH8J9af5i+jf98GgA2N/z0b8hSFW2n9435Cl8xfRv++DSGQbTw3/fJoASNW8tfnPQdhTtjf8APRvyFNjkAjXhug/hNO8xfRv++DQAbG/56N+Qpiq3mP8AOe3YU/zF9G/74NMWQeY/Ddv4TQA/Y3/PRvyFGxv+ejfkKPMX0b/vg0eYvo3/AHwaAGFW85fnPQ9h7U/Y3/PRvyFMMg85eG6H+E+1P8xfRv8Avg0AGxv+ejfkKZIrbR85+8Ow9af5i+jf98GmSSAqOG+8P4T60AP2N/z0b8hRsb/no35CjzF9G/74NHmL6N/3waAEZW2n94enoKRFby1+c9PQUrSDaeG6f3TSJIPLXhun900AO2N/z0b8hRsb/no35CjzF9G/74NHmL6N/wB8GgBkathvnP3j2FP2N/z0b8hTI5AA3DfeP8Jp/mL6N/3waADY3/PRvyFMCt5zfOfujsPen+Yvo3/fBpgkHnNw33R/CfegB+xv+ejfkKNjf89G/IUeYvo3/fBo8xfRv++DQAyRWwvzn7w7Cn7G/wCejfkKZJICF4b7w/hNP8xfRv8Avg0AGxv+ejfkKa6t5bfOenoKd5i+jf8AfBpryDy24bp/dNACqrbR+8PT0FLsb/no35CkWQbRw3T+6aXzF9G/74NABsb/AJ6N+QpkattPzn7x7D1p/mL6N/3waZHIAp4b7x/hPrQA/Y3/AD0b8hRsb/no35CjzF9G/wC+DR5i+jf98GgBgVvOb5z0HYe9P2N/z0b8hTBIPObhug/hPvT/ADF9G/74NABsb/no35CmMreYnznv2FP8xfRv++DTGkHmJw3f+E0AP2N/z0b8hRsb/no35CjzF9G/74NHmL6N/wB8GgBsit5bfOeh7ClCtgfvG/IUkkgMbcN0P8JpRIMDhv8Avk0ALsb/AJ6N+Qo2N/z0b8hR5i+jf98GjzF9G/74NADI1bZ98j5j2HrT9jf89G/IUyOQBOjfeP8ACfWn+Yvo3/fBoANjf89G/IUxVbzX+c9uwp/mL6N/3waYsg81+G7fwmgB+xv+ejfkKNjf89G/IUeYvo3/AHwaPMX0b/vg0AMZW81PnPQ9hT9jf89G/IUxpB5qcN0P8Jp/mL6N/wB8GgA2N/z0b8hTJFbZ98n5h2HrT/MX0b/vg0ySQFOjfeH8J9aAH7G/56N+Qo2N/wA9G/IUeYvo3/fBo8xfRv8Avg0AGxv+ejfkKZGrbPvnqew9af5i+jf98GmRyAJ0bqf4T60AP2N/z0b8hRsb/no35CobuT/RJNu4Hb12kViebJ/fb86uMbkuVjeVW8x/nPbsKftb++fyFc95sn99vzp8MshnTLt94d/enyE85cv763021e5vJPLjU46ElieiqByxPQAcmuQuPCWpateNrPnPYF28waGz/wCi3GOn2naDmQ9yuQp28SbTu6ae3inuop5kDywFjEzc7CeCR7+9Tb3/ALzfnWXsvM19r5DNL1OLUoW2RvBPCdk9rKAJIG/usBkfQgkEYIJBzWyn+rX6VhG3iN8LzYPtIjMXm/xbM5x7jP5c+prm/Ekkkmp3MDSyeU8aKyhyAQYxnpWlOjd2uZ1K1lexq6zZt40kEGlXMthb2rEHWbYgSl+hjgPQjjDscj+EZbJTS0K7W1VNFvLaKxvLdPkjiGIp0H/LSLPbnlT8yk85BDNxEU8sMKRQyvHGihURGICgcAAdhTJ2a5aIzu7mFxJGS5yjDuK3+rvuY/WF2PVa57XLlNaV9E01Y7md8edOfmjsx/fJH8f91Qc55OACaTw1LJJo+6R2Y+a3LHPYVRfTU8Ixz3+hQqlgWae9sVIUMSctKhPAfuQeG9jisJRs7G8ZXVyfRY/+ERP9natM88c7Zj1ecgtO392Zuz+h4Ujpg8HpZSGhBU5BwQR3rjYXg+IWnea/7zw5MMLC4Ia9Hq6nlUz/AAnBOMnHArqYI0t7VYYF2RxqERR0UDgClYdzP1fUo7ONbZbf7bd3IKw2Y/5aepYnhUHdj+pIB57TtIuPCFw2oX0jahbTDEsgBJ04ddsY6+QPTll6nIzt6xLWGK7lukjAnmAEkndgOg+lTbj6n86YhIHWVY5ImDo2CrKcgj1qvf39vplo1zeOUjBCgBSzOx6KqjJZieAACSelSWVrBYxLBZxrDEGLBE4AJOTgduT0pJbWCa7huZY1ea33eU7c7N2ASPfAxn6+pqJR5i4y5Tkf+Ef1Map/wkn2b5t/m/2AHXYP+muc7ftXfOfL/gz/AMtq6uwv7fU7RbmzffGSQcqVZWHVWU8qwPBBAI71Z3H1P51DFaww3U1zFGEmuNvmuvG/aMAn3wcZ+npU+zK9p5ElzPFbRmW4kSKNQMu7YA/E1x+o6JceM7gXtlfXmh2yLtiurQ7Jr0f7QI/1XoOrdQQMbuv1bRdP8QaUbDWLWO7tXKs0cg4ypyD9QQDWBqXiy38DCO38VXMkltMdtleJG0kkh/55yKoJDej/AHSOpB+9dzMsaNfx26ppF5BFYXkC7VhTiOZf78RPUHuOoPB7E7hB2rWTBof9s3lrq/iOGOSe3cTWNqGDLZnHDZHDSYPJ6DoOOT0FFwsclrUy66r6NpgSaRsGa6HKWfowI6yf3QOnU8cGLRl/4RXGmarI0iStui1SY83LekrdpOOvAYdMcgWn02LwTbzXuiwLHpSlpryxTA25OWljz/F3K/xdueDHElt8RNNE1yok8Nzj93bOuDej+/IDyq56IcHu2OAC4WOlt+ckcgjg1R1fVobdTYwwLqF9cApHYhh8wxyZDg7IwDyxB4OAGJCm+6LDbpHENqIAqgdgB0rnrzQfJ1SfWtCEVvqswUXBfIS8VRhUkIyRgdGAJX0IyCbhsU9M0mbwVO17qM7alaTLia6IO7TR12IOSLYemSydWLKS0fYRTRzxiSCRZEboyMCD+IrjbLxE/jEzWmiyTWUNs/k6jO/yyxSD70EeMgkd5QSuCNhYklNzSdJsNB0iPTdGtY7OygV/KgiGFTJLHH4kn8aGrK41q7F/UNRttLtDcXjlVyFVVUs0jHoqqOWYngAcmuTTw/qUGp/8JI1vvJfzDoKuCkY/56Kfum59TnYfug/8tDryW8Ut3DdSIHnhDCJzyU3dcenTr/jU/mP/AHm/Ouf2y7HR7B9zQsb+21KzW5spfMibIzggqR1BB5BHQg8ipLi5gtIWmupkhiXq8jBQPxNYsVvFBcTTwpsknIMrLxvIGAT71d1XRNP8QaWtlrFql1BuWQI/Zl5Vh7g8irhPmInT5DnNR0W68W3Q1Syc6fbxACJJAQNSA5xMOvleg+936cHotK1e3vl+zmP7HeQ/LLZSEB4yPTH3l9GHBFYt34lk8KzwaXq+++nu22abKmA1w3/POQ9EI67z8pH+1wdHT/DsS6qmt6sI7rWQhjWdRhYEPWOMdl9zyetaGRtMwRSzEKoGSSeAK5XWYD4xb7DpVxLaQ27nfrNswEkT90gbkE9mblQOOTnb09zbw3lrLbXMaywzIY5EboykYIP4GuXubi2+HWnCWVtnhmEBAqqWew7AKoBZ4yeMAFlyOCudoBd0O7j0pY9D1GKGyuYh+6aP5Yrtc/fQn+LJ+ZCSwJ7gqzb5GcYOOa5uPR18UNa6n4it0aCGRLmwsGYMIGBysrkHDSfQlV6Anlj0hOMf4UAFFFFABRRRQAUUUUAFFFFABRRRQBzHjea1tYNHur+7jtYYNThkZpFY7sZ4G0Hn64HvXP65on9j6JqTarqFrFBPIlvp5Ic7EMhfadqk5yccAjCitzx5bR3kGi20yho5tUiRge4IYGuU1u6k1fw+9vOxZtCiWKf3nL7Af++FJ/4GKI/r+iv/AJfMb/T9XY3tb8I6nqrammLOcXZBt7i4nfMA2gbRGFx1BO7PfpxWvbaHerfXtxMYF+02EduFVycOoOew45rl/FV9M8Ws3ltIYmsJFjWeW7ZDGwUHakS8HJPVj36cVoXFv/auu6k1xc3GyLS4pY1jnZFDkMd3B61Olv67MP6/FE1t4a1vTYXSzNjKbjT0tZDJKy+WygjcMKdw59qo2+lXFtLeaPDequoy2UCDyUlKptHO5wuEB7EnNO0fWJDBfS396wb+yIpQZHxztYFh75xWXpRis4dR1JnuDP8AYLb94kzbiXGD1JA+pHFU/if9dwW39eRvWvhC8/tWeeWCytLe5smtZEhneRwT/FuZRu6+2Perps9Zi8Nzabe/2fDax2ckT3XmuSw2EBtu0BfU8msOxu73Ttf1G2tnjR/7MM6W0d01xhxnBJbufQAVPJY6VN4Je7kv5Xu7mwlYhrxv3zbCSNuexHQUpfC/T/P/AIIR+Jf12/4BesNM1mOSw1KzWwlY2AtXVp3CjByrqdmT1PykD61J4Y8M32jXMEt5JA/l6ets3lMTlxI7EjI6YYVT0CeDT9Ws4RcGO1OjLKA8pK5DnceT7iqPhHdqupae13c3EyR6Uk6r5zAF/OkwxweeB3qpbv5/+3f8ElfD936f8A2fD2gXVtD4dmdk26faTRSgq6MS+zGFZQf4T1ArOksn8L6zDqM13ZRzy3F5hLmR4onilkEgHm7SFcYHBHPOOmah0dJNVh8IQXlzctFNZXDzKszL5pHl43EHJ60zSpJLvVrTSNTu5/7OjuL9IszMplaOXaiFwcnCFj15x7Ua82m+v56lP4dSt5HnWEl/rBh8m61+OdAkEkqzqEUYRVUl84IBwAcZ7119ne6FJLJY6bbixuriJtiS2ElqZAB23ou7HtmuLVpCssNhem5WHxLFHbyTyGVVARflznJAOR1rsrvR7+7uob7VbqA/YUkeFLWJkyxUjJJY9Ae1S7cnl/8AaoX2v67siHhy9h0XRVgaBr/SsEK7ERycEEZxkcHrj8Kgu/C2o6jJdahcSW8N9JLFJDEjF41EfQFiATnPXFZlrGYvDnh8S3E6wai6i+uHuGy3ynaNxPy5OBximajdz2MupWNhdzDTEubdHlEhYwBvvqHJyO3fjNU/i87/AI6B0/rzN7V9G1XxBYBL+Kyt3glSWCOOZ3DEdQz7VIB9hxUdt4duFW7kfStLikliESo08s4kHUhmYDA+gOOtUvESQ6Rpph0O7P76eJbmNr0/u4yeu47igPTNRfZr6EajaxanY6ZDJAhWJtSadkfd1JYAqrDjr9KXp/Wgdv66l618OahF9tP2eyit54VjGnvcSTwuQeSSVBXI44Bx1pIdM1DRodRvxcWukw+QuyI3D3ESMpyWJYLjI4wBVDa0a3+mLMNJu2t43Ep1BprdwWxjc2GQtgr+PFWtPu7DS7q+t9XtjbpHDHLIBcveQMC2A2CMqcjuMd6A/r8gtLo63q76pPcQaZc2NlIiqVkBCvg+awlRCUG3jgjrzUWn6qnibXdG+2TW8EtmWuIGRJlN58hUlPMjQbeckKW7fWp5mhs/Gj3GoXEV7az6bI0skigLaxKwOCBwVbJ68nbVixSTxJrFhq0ifY9Osdz2MDYEkxZdvmMP4V2k4Xrzk46U10/rqxPr/XRHVUUjAkcHH4Um1/7/AOlIYj/6yP6n+VPqJlbenz9z29qftf8Av/pQA6mS/wCrP4fzpdr/AN/9KZKreWcv+lAEtFN2v/f/AEo2v/f/AEoAdTIv9Sn0FLtf+/8ApTIlbylw/b0oAlopu1/7/wClG1/7/wClACD/AFz/AO6P60+ogrec3z9h2+tP2v8A3/0oAdTG/wBYn4/ypdr/AN/9KYyt5ifP69qAJaKbtf8Av/pRtf8Av/pQAkv+r/Efzp9RSK2z7/cdven7X/v/AKUAOopu1/7/AOlG1/7/AOlACQ/6lP8AdH8qfUUSt5KYfHyjtT9r/wB/9KAHUyPq/wDvUu1/7/6UxFbL/P8AxelAEtFN2v8A3/0o2v8A3/0oARv9an0NPqJlbzU+f17U/a/9/wDSgB1Ml+5/wIfzFLtf+/8ApTJFbZ9/+IdvegCWim7X/v8A6UbX/v8A6UAOPQ02L/Up/uikKtg/P+lNjVvKT5/4R2oAlopu1/7/AOlG1/7/AOlACR/xf7xp9RIrfN8/8R7U/a/9/wDSgB1MH+vP+6P5ml2v/f8A0pgVvOPz/wAI7fWgCWim7X/v/pRtf+/+lACS/dH+8P50+opFbaPn/iHb3p+1/wC/+lADqRvun6Um1/7/AOlIyttPz9vSgBY/9Wv0FOqNFby1+fsO1O2v/f8A0oAdTI+jf7xpdr/3/wBKZGrYb5/4j2oAlopu1/7/AOlG1/7/AOlACD/XN/uj+Zp9RBW85vn/AIR2+tP2v/f/AEoAdTH/ANZH9T/Kl2v/AH/0pjK29Pn7nt7UAS0U3a/9/wDSja/9/wDSgAf/AFbfQ0q/cX6Ux1by2+ft6UKrbR8/b0oAkopu1/7/AOlG1/7/AOlACRfdP+8f50+oo1bafn/iPb3p+1/7/wClADqYP9c/0H9aXa/9/wDSmBW81vn7Dt9aAJaKbtf+/wDpRtf+/wDpQAjf6xPx/lT6iZW8xPn9e1P2v/f/AEoAdTJf9X+I/nS7X/v/AKUyRW2ff7jt70AS0U3a/wDf/Sja/wDf/SgB1Mi+5/wI/wAzS7X/AL/6UyNW2ff/AIj296AJaKbtf+/+lG1/7/6UAIv+tf6Cn1Eqt5r/AD9h2p+1/wC/+lADqY3+tT6Gl2v/AH/0pjK3mp8/r2oAlopu1/7/AOlG1/7/AOlACS/c/wCBD+Yp9RSK2z7/APEO3vT9r/3/ANKAHUh+6fpSbX/v/pSFW2n5/wBKAFj/ANUn+6KdUcat5a/P2HanbX/v/pQA6mL/AKx/wpdr/wB/9KYqt5j/AD+nagCWim7X/v8A6UbX/v8A6UAI3+uT6H+lPqIq3nL8/Y9vpT9r/wB/9KAHUyX7o/3h/Ol2v/f/AEpkittHz/xDt70AS0U3a/8Af/Sja/8Af/SgBW+6fpSJ/q1+gpGVtp+ft6UiK3lr8/b0oAkopu1/7/6UbX/v/pQAkfRv940+oo1bDfP/ABHtT9r/AN/9KAHUwf65v90fzNLtf+/+lMCt5zfP/CO31oAlopu1/wC/+lG1/wC/+lACSdF/3hT6ikVsL8/8Q7U/a/8Af/SgB1Nf/Vt9DRtf+/8ApTXVvLb5+3pQA9fuj6UtMVW2j5+3pS7X/v8A6UAOpkX3T/vH+dLtf+/+lMjVtp+f+I9vegCWim7X/v8A6UbX/v8A6UAIv+uf6D+tPqIK3nN8/YdvrT9r/wB/9KAHUxv9Yn40u1/7/wClMZW8xPn9e1AEtFN2v/f/AEo2v/f/AEoAJP8AVP8A7ppw6Co5Fby2+fse1KFbA+f9KAH0U3a/9/8ASja/9/8ASgBIvuf8CP8AM0+oo1bZ9/8AiPb3p+1/7/6UAOpi/wCtf6Cl2v8A3/0piq3mv8/p2oAlopu1/wC/+lG1/wC/+lACN/rk+hp9RMreanz9j2p+1/7/AOlADqZL9z/gQ/mKCGAJMmAOpIFNkVtn38/MO3vQBLWRrviWz8PtAL2Od/ODFfKUHGMZzkj1rUIYdZMduQK4H4mAiTTcnPEnb/drlxdWVKi5x3X+Z24GjCviI057O/5Gp/wsfR/+eF7/AN+1/wDiqanxG0dVx5F71P8AyzX/AOKrzIHPTmlrw/7SxHl9x9H/AGRhfP7z1ex8X6drtwbC1juUkkQkNIi4GOezVXvpJNLvla+IGmyYUXKr/qH/AOmnPCns3QHr61yXgU58URY/55P/ACrvNW1OCyhEDRfa7m4zHDZpgtMccjB4C46seAK9fB4mpVp80u54WYYSlRq8sNrEGovbaZaCeeZnLELFFGm55mPRVGeSf/rnA5qXTLO7aCOXUfLinLbjFF8wQZ4Utnk+pHFc9YaTdeFbk6nqTm+tSMELlv7LQ9RGOpj9T94denA7KCWOZUkhdZEbBVkOQR9a7fayOD2URhtwWPznr/d/+vSfZx/fP/fP/wBepSRuxnk9BS1sYWRD9nH98/8AfP8A9euS8QGzXXJlmmmVwqZCwgj7i99wrssjOM8+lcB4qOPEd0TwMJ/6AtbUdZGFfSJFv0//AJ+Lj/wHX/4ujfp//Pxcf+A6/wDxdZ1ITjrXXy+Zx83kd/4clt10f908jr5rcsgU9B2yayYbqXUtbS18URtbIrFrO12jy7rBPzMQzAsBg7M+/PO234Y/5AY/67P/ACFQa5MmqhtFso1uLlgHeTPy2gzw5I6Nn7qjk49ATXDNe8zvpv3UGsXH9nasH8Oq0up3A3TWIUeXIo/5aOcgIR0Dd+nPbprSUy2qGUMkpRS6lQMHHI4J7+5+prkdFjbw1ILDV5muHuXymqy4zcv/AHZD0V/QcAjpzxXWWxyr49BUWLuT/L6n8qPl9T+VNyCSAeR1paRQ5du4cnr6VT1WW809Y7qC3N1apn7VHEhaZV4+dFH39vOUA3EfdywCtaQgsMHPNP1DUbXS7N7q+l8uJB2UszEnAVVALMxJACqCSSAASQKTGiD7XY/2X/aX263+w+X5v2nzB5ezGd27OMY71DpUl5qCyXU9ubS1fH2aOVCsxXn53U/czwQh+YD72CSq8/8A8I/qY1T/AISD7L+583z/APhHfMXaH6+duzt+0d8Z8vPfd+9rrdP1G11SzS6sZhLE49CrKQcFWU4KsCCCpAIIIIBBpXYWK2sXd/aaeTpFqt1dqygRuQqkZGckkY478n2PSs7w21pdQS307PcajL+7vPPjCvCe8WzJ2qPQEg8HLZBrXuZEiLvK6oi8lmOAK4zUNJu/F9wNQ0bUbjQ7cLtS8t1HmXy+4Yf6v0PU9RhSCzsBoWV5cWOuGw8PI13paSAXO4ArZknlI2LDPHJUZ2/iFPXKwdciub0O8hgQaRNbx2F3bIP9HU/JIv8Az0jJ+8CevcE89QT0MH+r/Gk0By9pJc6prkdv4ri+ysn7yzsyB5Vxg/fJDMGYcfJnjrz1p2sPNpesE+GE8/UrhTJcWAA8tlwf3rEkBGzwOfnPHYstjX5V1rfomnKs1zw8lyD8tj/dfI/5af3VHPc8dYtCU+GJF0vWJWlluXLR6rJ/y+PjpIeiyYHA4BA+XoQEM6ElmtUMw2uQCwx0OPqf5muS1q5u31b7FqnmWWhyyBPtcYAMrFVxGzBiY1YkjdgZI2/LlTJ18/8Aqx9axNY1GC3iFl9nW/ursNHFY8HzRj5i+chYwD8zHjkAZZlU0thMo+ILez022trrTibbUYlEFjFbxBjcccQbMgMnU8lQgy25QCa1tLlvJ9M36tAttdEyB4kIZVAZguDn5htwQTgnOSqHKjl9N06fwfO1/rFwdQtZF2NdtnOmJn7gzz5AOMucsuAXJUFk7EMrxsyEMCpwQc9qHswjuitiP+83/fP/ANejEf8Aeb/vn/69R5GcZ59KWvPPSsPxH/eb/vn/AOvUurT6lbaWr6JaLd3O5QI3IUFe5JLDH6/Sq2RkjPI6itYzRwWvmzyLHGq5Z3YAAY7k1tS3Zz19kYWh2mn6lptxcXbfbbm4BjvTcx7XjI6xFP4AvYfjk9ai8P3moPqH2a0D3uhoWWK/lA3EgfdBLAuoOQHwc4/4EaOoaRdeLLoappjtYWgAARwV/tRB0Eg6rH6H7x69OD0mkapb38LQpGbW5tz5c1m+A0JA6YHBXHRhwR0roOYt3bzR2U72qeZOsbGNMA7mxwOSB19SPqK5/RC2o6xLNr48vVrX/V2Tfct0PAeP+/uH8f1XCkEV0xOBk8CuU1uF/FkxstFuHs2s3IbWYQN0D/xRxZ4Y9mzlR05YfKAIJLnTNeax8LRfarXehvYMDy7Isy52MWUbipLGMfdHzcZVZOsrB0C4i01V0K8hjs7uFS6bSdl2ueZUY8k5PzAkspIzkMrNvHJxg45oAKKKKACiiigAooooAKKKKACiiigDl/HmoXunabYSaZDby3L30aIJ4w4Bwx49Dx17VneLtejs/D1rc6Na2rSakUuZPNgDBowBlmHc8qMn1FaXjeW2todHub26itoYdUhdmk3c9eBgHn68Vz2uaI+k6JqR1W8toYJHS205mLHbG0u/acA85IHHZRRH9f8AL9Qe/wAv8/yOi1TUtDtry4ubrRvtRtgEur1LaNhCCOhLEMeDyFB4NPude0vTr6a0ttKnnkitVklNrbptEPOOSRkD0/IVk694V1XV/wC04mWK5W5INrLPdOEgG0DHlfdzkEhuvPtWvbaLerfXtxMIl+0afHbqqvnDqDnt0560tbf12D+vxQsV34e1PJWwgnWztVnjZ7ZSFjYEgLnp06cVjWevxXWsXZ+wfZtHitI3bNtEfNVhwGwxOOwAB/CpbXw7remQulrHazG409LZy8pXy3UEZ6fMOfaqVtp13Zy3mkwXipqUtlAi+SJDt2jnc4XCZ7EnNPr/AF5j6f15G/pl7osV48C6QukzW0JnUS28aYjPVlKE46cjg1Sl1fTrewu9T03wxMGlt5JEuhZxhZwBn5iDkA9fmxmoLXwlenV7ieS2gtYLqxa2kIuXmlDH+Iswy3X8KvG21mPw1Npl5FZQW8dnJE90ZicjYQDtwNvqeTSl8L/rv/wAjuv67f8ABHaPLpOpw2VndaJDDOlsLtIpLaPbHuJGVwSASRnj2pdO8RaTPd2sGk6XMZZ7ZZFMUEaeXDvZeTuGACCcDPXgHmqun6frEUthqVpDaSk6eLV0M5AGDlXB28g5PGBUnhfw3f6RdQS3phPl6cts3lsT84kdjjjphhVS3fz/AF/4BK+H7v0/4I+z8QaZFZaKbawmup7yGQ2awWyIwUbdw6hU4IPXHH0qlqN/pms2lmlhFKZbiabOnCyikLOp/eM6uQoKt/Fu5J75qx4d0K7t4fDcz7dthaTRSghlbL7MYDAH+E9cVnSWzeFNah1K6urKKWa4vQI7mYxRvHLKJBiQjarjA4PXnHSk7Xs/P89CumhDb6haxaXFDosbQztrMcFy95apmOQqASqZwu0AAY9OM9a3rjUr/StcsbO7vI9RgvFk8xBCFeMKud3B5HGDn1rlDCt3p0t9rCwG2u9fjmVRE8yToEUYQBSXzggHGDiuv06bw6JJrLRrOHT7u4ibbG1g1o0oHpuRd2M9s4o1t5/8BC6/13Y1PEGlXfh+JzpM7WVztjtrZoIz9oz2VN3QY/iwPwp0et6JZ6TcwvYmyS3YRy6eYFDZboAq5Vs+xIqEeHb6HRdD8nyXvtKwfLZyEk+UqRuxxweuKgu/DGpajNdajMYIL15YZIYA25AI+cM2BnOeuKbtdgXI9Q0jTNMuUl0KXTYiyqbY2iATluAF2EqxPpnjvTYNV0HTrK9hfSf7M8tVaaza2RTKG4U4QlWyeOv1xSaxpWq+ILALd29vavbzJNDHHcuS5HUF1AK/hUUHh2VlvJJ9ItC8sIiCXN7Lc+YuckEt0HpgUgJo7/R9M0+6Wbw/LpkBVd8Rs4ws+47QMoSpJJAwTn8KltSq2N5aaL4eGmXDIGWO4t0jhkzxktHuU8ds5qjb+HtQCXqPaw/Y5oFjXTrm7e4jYg8ncwyvHAA9M0sFhqmkQ6hercR6bbrApjhubt7mNGU5Lbm5UEcYH1o06gr9BmgNbDWNQ0WGHT760WEPcPa2yIiy5IMTAfKxwM88jvR4bhik8V6jHP4d07TDawwy2wjhj81Q5kBLMowCdvQE49afpFyuveJk1WbZaS2Nq0TQ/OrurkEMd6qdvynHBGc81Po1/Z33jPUbq1uVdLm0hWEFHTzBG0m5lLKA6/OvKkjn3FPsJ7P5fodMzBRzn8Bmm+Yvo3/fBp9FIZE0g3pw3U/wn0p3mL6N/wB8Gh/9ZH9T/Kn0AM8xfRv++DTZZAYzw3/fJqWmS/6s/h/OgA8xfRv++DR5i+jf98Gn0UAM8xfRv++DTYpAIl4bp/dNS0yL/Up9BQAeYvo3/fBo8xfRv++DT6KAIhIPOY4boP4T707zF9G/74NA/wBc/wDuj+tPoAZ5i+jf98GmtIPMThu/8JqWmN/rE/H+VAB5i+jf98GjzF9G/wC+DT6KAIpJAU6N1H8J9ad5i+jf98GiX/V/iP50+gBnmL6N/wB8GjzF9G/74NPooAiikAhQYb7o/hNO8xfRv++DRD/qU/3R/Kn0AM8xfRv++DTUkAL8N97+6alpkfV/96gA8xfRv++DR5i+jf8AfBp9FAETSDzU4bv/AAmneYvo3/fBob/Wp9DT6AGeYvo3/fBpskgKdG+8P4T61LTJfuf8CH8xQAeYvo3/AHwaPMX0b/vg0+igBhkXB4b/AL4NNjkAiThvuj+E1KehpsX+pT/dFACeYvo3/fBo8xfRv++DT6KAIkkA3cN94/wmneYvo3/fBoj/AIv940+gBnmL6N/3waaJB5xOG+6P4T71LTB/rz/uj+ZoAPMX0b/vg0eYvo3/AHwafRQBFJICo4b7w/hPrTvMX0b/AL4NEv3R/vD+dPoAZ5i+jf8AfBpGkXaeG6f3DUlI33T9KAGJIPLXhug/hNL5i+jf98Glj/1a/QU6gBnmL6N/3wabHIAG4b7x/hNS0yPo3+8aADzF9G/74NHmL6N/3wafRQBEJB5zHDfdH8J96d5i+jf98Ggf65v90fzNPoAZ5i+jf98GmtIN6cN1P8J9Klpj/wCsj+p/lQAeYvo3/fBo8xfRv++DT6KAI3kXy24bp/dNCyLtHDdP7hpz/wCrb6GlX7i/SgBvmL6N/wB8GjzF9G/74NPooAijkAU8N94/wn1p3mL6N/3waIvun/eP86fQAzzF9G/74NNEg81uG6D+E+9S0wf65/oP60AHmL6N/wB8GjzF9G/74NPooAiaQeYnDd/4TTvMX0b/AL4NDf6xPx/lT6AGeYvo3/fBpskgKdG6j+E+tS0yX/V/iP50AHmL6N/3waPMX0b/AL4NPooAZ5i+jf8AfBpscgCdG+8f4T61LTIvuf8AAj/M0AHmL6N/3waPMX0b/vg0+igCJZB5j8N0H8Jp3mL6N/3waF/1r/QU+gBnmL6N/wB8GmtIPNThu/8ACalpjf61PoaADzF9G/74NHmL6N/3wafRQBFJICnRvvD+E+tO8xfRv++DRL9z/gQ/mKfQAzzF9G/74NBkXaeG/wC+DT6Q/dP0oAZHIBGvDdB/CaXzF9G/74NLH/qk/wB0U6gBnmL6N/3waasg8x+G7fwmpaYv+sf8KADzF9G/74NHmL6N/wB8Gn0UARGQeavDdD/CfaneYvo3/fBob/XJ9D/Sn0AM8xfRv++DTZJAVHDfeH8J9alpkv3R/vD+dAB5i+jf98GjzF9G/wC+DT6KAI2kXaeG6f3DQki+WvDdP7pp7fdP0pE/1a/QUAJ5i+jf98GjzF9G/wC+DT6KAIo5AA3DfeP8Jp3mL6N/3waI+jf7xp9ADPMX0b/vg00SDzmOG+6P4T71LTB/rm/3R/M0AHmL6N/3waPMX0b/AL4NPooAikkBC8N94fwmneYvo3/fBok6L/vCn0AM8xfRv++DSPIvltw3T+6akpr/AOrb6GgBqyLtHDdP7hpfMX0b/vg05fuj6UtADPMX0b/vg02OQBTw33j/AAn1qWmRfdP+8f50AHmL6N/3waPMX0b/AL4NPooAiEg81uG6D+E+9O8xfRv++DQv+uf6D+tPoAZ5i+jf98GmtIPMThu/8JqWmN/rE/GgA8xfRv8Avg0eYvo3/fBp9FAEckgMbcN0P8JpRIuBw3/fBpZP9U/+6acOgoAZ5i+jf98GjzF9G/74NPooAijkATo33j/CfWneYvo3/fBoi+5/wI/zNPoAZ5i+jf8AfBpqyDzX4bt/Calpi/61/oKADzF9G/74NHmL6N/3wafWK/inT45GRlmypIOEH+NROpCHxOxpTpTqfArmq0g81OG6H+E07zF9G/74NYp8VaeXVsTcZ/gH+NO/4SzTv7s//fA/xrP6xS/mRr9Vr/ys15oYrq3eG4iWWGVCjxyLlXUjBBB6gjtXNajqkfgKxku9ZuGfw7Fj/SH3SSWWSAqsBlpEJIAIywJGcjLLt3F+x0mW5sYmlmMBkhjIHzNtyo6jqcdx9axNFmXVdWludbBXVLFvksG+7ZqwIWRf75cbh5n+8o2kOK3Wqujmejsy7bWFzq9zFqGuR+VFGwktdOLBhERyskhGQ0g6gAlVPQsQGrWuLK1u9v2q2hn2/d8yMNj6ZrlYLqXSNc/srw1EbvT43jFzb4GzTdzL8qNkcFGLeV/AuCMKUVus85cZ5ocb6Mak07o5q88PWuizS6jpmm2s1qxMl1YmJBn1eMnhW7leA3sTmqmnwaT46s4r3TLW3Tw/JykqQBJL3BwewZEyCOcMcHoOTIbubV9bGneJojaWpZzbWuBsv9rH7xyRwoDeX3GScgMom1m4/snV0m0FTJqN4d0ungfJcKMAyt/cIGBv78LycVPs49ivaT7s37bStPsyptLC2gKLtXyoVXaPQYHSsy+8NRLrEmvaOkcGsPGsUjvkpcRr0jcdh6Ecj3rVtLl5bOF7mMxzNGrSJj7rY5HU9/c1z2varepqItLjfYaPIVWTUY8bgT/DnPyAnjfjjP40WUdBXlLUS08RnxPPc6boim1ns38nUpZACbR+8adnbHO4fKB78DZ0Pw/pnhzTRYaParb24dpNoJOWY5ZsnuTzWVrVtpuk6fBdWJ+wXVqBDaeSm4y5ORCV/jDHt1Bycjk1qaNf3t3YCTVrMWdyXIMSsGAGeDkE5ougsyHVNMj1JY3DmC6gJa3uYwN8RPX6g4GVPB/AEYM3jqLTNWh8PapGD4juFza2sQOy7Xn94HxhF4YkNyNpwG43a/iOfVrGGNtKtfPRgxnlVN7QKMfMEBy5wSdoBJx9AVsNB0q60EpG6X9tfATSXJfc1w3BEm8dxhSpGNuF24wMTaRd4i6bpjwXLahqUi3OpSJsMgXCwpnPlxj+FcgZ7sQCegAt3en2V4JFu7O3nWVNsglhVt4Ixg5HIxWP4cu9Ru7oxKTe6Qqv9n1RgAbjBXHGeRy2HAw+3IwMFtrU3ngsLmSzj865jhJijx99gvA5I6n3H1pe8h+6zlL+4sPAtm1xrMcUmhIQq3LxeZLaknCo3BZ1JIAblgSM5GWF+00NdRuo9Q1mxt4gh3W1iI0KxejORwz/AJhe2T81JoqrqmpT3Ws/8hSzYqLFhlbNWyAy/wB7euf3ncblG3DrUFtLPpmuf2X4fU3mnRui3EZHy6fkj5FYkZ+U52c7Bg9Cqk5pdw5Y9jp0iihiCxRRouScKgArm10mPwfHcXeh26jTnd7i8sxjIY8vKhPfuVJwccYrqCBtHPf0rk45JtX1pbHxLH9kiBL21oQNl5tJ5Y5IOAAfL/HkZwXYWXYRDa/EXSd+Fk8NXS8KV2tfD36FEz24Y47V1ljbxW0CW8EapFEgRFA6ADAFcxq7NpGrB/D486/u8yTaeB8koHBlJz8h6Dd/F05NdRYs7wI0q7ZGQF1x9045HU003cTSsUtQ0iQXZ1LRzHDfYAkR+I7lR0V8dD6N1HuOKy7PxEfFclxY6DutWs5TBqU7qN9rIPvRIOjP/tjKjIxk9NXUIdQ1K8ayjL2VgoHnXKuBJNn+BMHKj1bg+nrTbrw/EiQS6Ls0+7tYxFAyL8jRjpG6j7y9fcEkjqc6GRfsNOtdMs0trKFY40yfUsScliTySTySeSao614bstau7K/kBi1LTi7WN4vLW7OAGwDwQQACD2z061esJ7i4s0e8tTaz5IeIuGAIOMgjqD1HQ46gdKyPEmranYxRnSrVpImRjcTrH5jW4BX51jBzIQCx2gEnHrhWVxpNlX/hLLg6t/wjX2eIeJfJ8/ysnyPIzt+07v7u7jy/v7uPu/vK09F8OWejXV5fRgy6lqJRr68bhrhkBC5A4AAOAB2x161R+waAPDX2gXY+z/8AIQ/tbz13l9n/AB8+b0zs4z93Z8uNny1N4b1bU76GQ6taNFGqr9nnaPy2uAS3zMhOUJAU7SARn1yql0HKy9rmgaZ4k0t9O1q1W5tXZXKMSPmU5U5HoQDWDqfi208DRxReMLn/AEeZ/Ls71Yi7Tt2jdVHD/wC1jae+D13dYvry108yaVaC7udygRMwUEEjPOeOPr9DWd4d+yXsEuo3LtdahKDBc+bHtMHcwhD90Djj+LhskYo5kHKxU8PjW7+01XxHbp5tnJ51jaBsi1bH3iR958fgOgz1rogAOgxXI2V7Pp+uf2XoSNe6ZFIqT7uRYk/8s1YkbuOdvO0Y9hXVecuM80cyDlZzS6XD4GtZrnRYAujhnnu7MHmInl5UJPPclT17c8GMR2vxH0gPOok8MXSApEQVa+XqGbuqZ5A4Y45x0pltdzazrSWnieI2oT97bWOBsudp++TkhivB2duDzwafq10+j6uf+EbjM99dBpp9OAGxhz++JyAhJGP9s+4JBdBys6qOJIoUijUBEUKq+gHSsO78Npa6xc69oMcUWq3IQXSyE7LxUGFVuu0gdGA4ycg1tW8pliUuu19oLD0Nc5rN7fPrC6ff79O0aaRYhfRHDSsQuIiwOY9zEqH4yflGCVLMQyy8Qf8ACYG4tPD7PaR2kzW2pXLqBJbzL9+BByC4zy/KDI2ljnbt6JoOmeHNGg0rRLNLSxg3eVCpJC7mLHrk8lifxrL160tNGtba80oLZ38KraWUNvGD9qABK25QY3L94jpsG5squ+tjS7i9n01ZdUtRa3O9w8KsGCgOQuD3yoBzxnPQdAAQ6pokGoeXNEfs17b5MFyijcmeqkfxKcDKng4HcAjFHiZ5tUbw3HaQr4jSLzpIyMwpDnHnhu6k8bPvZ4PHzVb8Satqdkkf9m2zNbsjG4ulj8xrcblG4IDlyAWO0Dt3xtaOSw0KLw4JxdeXCn+mrqglBfeV/wBf5nclePQr8uNvFTeJVpGppmi2+mxu3/HxczENPcyKN8p7fQDso4H50a5oGm+I9N+waxbC4tw6yKuSNrqcqwx3B5ql4c1XU723kbV7QwKoXyZCmxpl5+YpklDgA7T0z+Avazc6hbad5uj2YvLjeAImYKCO5ySMU1boJ36mLdeJn8M3Ftpmt7ru5vH8rTZYwAbt/wC43ZGA5LHCke/FXbHw3Gdaj1/WFS41lImijlTIW3jbrGg7j1J5PtUOi2Gn6xps9zfEahc3QMN2Zk2tEQcmHb1QKecdc4bJ4NM0DUNQl1A2tvuv9HjLLHqT43MR/DnPzgHI3gc4/GmI6G6tYb2zmtbqMSQTxtHIh6MrDBH5GuXnubX4b6RvuX8vwvaqFDAFmsB0VcDJdMkAYywyOoyR1UrmOF3WNpSqkhExubHYZIGT7msmy024u7yPU9c2meMk21qpzHa5GM/7T4JBbtkgYycgFNtFXxXJa3/iO2H2a2mS6sLEtnypFOUldlPL+wO0ZI+brXSE4x169hWJFYXOhXSLpMXn6XI4VrMEA2uT96PPGz1TsPu/3a3KACiiigAooooAKKKKACiiigAooooA5Tx7bR3tvo1rOoaObVIo2B7ghga5TXbuTWPDxgnfc+iRCO4959/lg/8AfKsf+BCuu8d6jdabpthLp9rbXNy19Gsa3Me8A4Y5X0bjg9s1n+Ltbt7Hw/b3OkWNlK+qMlxKJoAyvHgZdh3PKjJ9RRHr6/ov+CN7r0/V3KPijUrrydZvbO4ni/s+RY1ma9aJYm2g7VjXh856t1zWhcRzanruo+bf3iJDpkU0aQXLxqHIY7sKR/hV/VLzw5BqE91e6RHcywKEubwWaP5QI+6zHnGD0GeDUlxrWi6ZezWkOnO8kdqry/ZrUECHnGTx8o54/Sp6f12/pgv6+9f8MY2ja1cSQX8t9fPldIimy8mAp2tlh2BzjmsrSpVtItS1OS5vPPNjbHzBcOxLOMZwxx+J6V16v4Z1TB/s60uBY2yzRs9qpEcbAkbMjjp0FY9nrtpdazeKthDbaNHaRtIWsl/eqRwCc9OwGDVdX/XcFt/XkQWd/qOna9qNrG7qy6YbhLZ7x7plcZw2W6E+g4qeayspvA7Xs2rXb3F1YSsQ1++J22EkBN2Bj0XFa+kz+Horow22kRaXNaxGZQ9okRWM9WUr0HHNUZNT0S0s73VNM8OESy28ki3K2CqLgAZOWHOD79aUvhf9d/6+QR3X9dv6+YzQJ1sdVs7f7VItr/YyTBZZ2Zc7jub5ie2Pwqh4Tln1bUrA3d/eSxppaThRcuA7+a43HB+bgY54PetrSBoWqW1jZ3Gh2sc0duLuOCSzQLFuOCyjkAkjPFSadruhvdWsOk6e3mzWyunkWyrsh3sOTxhQ2ePeqlu/n+v9fIlfD936f18zD0hrnVYfCUN3f3nl3FncST7Ll0aYrsxuYHPGeuc/mabpNxc3usWmj6hqF0LJJ75EYXDJJO0Uu1EMgIY4Uk9cnHOcVt2euaPb2WitDaGea6hkNkLazCsFG3eFGfkHI4zjiqOqXWk6vY2iWKIwuJ5SdOfTkn8yRT+8ZkbGGVurZ6nvmjr9/wCf6FdDC864cSQ21+98LfxLFHbvczNIFAUfLnrgHI/+vXYXmk6jeXcF/qk9ugsFkkiS1DZZypGST2APaudt7yyg0qGHQ0jM7azHBO13ZgCGUqB8keQF2gKBg8Y6nrXQXOpahpOt2NlqNxb38F6JAypB5bxhVzuxuORxg/Wp+zb+tkLr/XdmLamdPD/h9Zb682anIovLl7p933SQAxPyZOB8uM03UtQu9PuNS0+zvrj7DHc28bTtKXeAP99d5JPp1ORmt1dc0S78OoW0130+fbHBbPaqVnz0VU6EfXFOh1bQLPRrmAWaWVvbsI5bA2yqct0GwcHPtVPd/wBdtP67gZviP/iS2HkaRqFwzTzxJOkt8WaJCeoZiWTPTP5VC0WqwHULSLUYdOjeBGjS51MzyI+7rub5lVhxnPXpWrBd6BpulXUf9i/2bbkqslsbJUExbgAKvysT6U20vvDen6fewJpUWmIoBntDZrGZA3A+VeGz0pAZTNcRC+0xLm40u+MEbq1xqLTQuC2OHb5kLYK8evFWrK6sbC6vbTXYZ4UjhilkjubtryEgtgN82SDuH04zVu3uvD+m6ddx/wBhf2Zbso82E2Cos+75QML8rEnjBp1sLeLTby08N+H49PuXUHyZrVYYpM8ZO3hsDPHWgDD8TW92mq6mIn+2z3miziExLtNug6Lgdd27r6itGeWG51LwZ/Z7K/LyjYc4h8hgT9MlB9cVUS/Pgy8vbQWenOi6fJfsNPtRblWTAw4Gc57H2NWdNc6BqWmPPa6bGddcpIbK1ETLJsLjLD746jJxz9aa7f1u/wCv+HE/8/yX6f1odiwJHynH4U3a/wDfH/fNOZgo5/lSeYvv/wB8mkMYyvvT5+57e1O2v/fH/fNNaRd6dep7H0p/mL7/APfJoATa/wDfH/fNNlV/LOX/AEp/mL7/APfJpksimM9fyNADtr/3x/3zRtf++P8Avml8xff/AL5NHmL7/wDfJoATa/8AfH/fNNiV/KXD9vSn+Yvv/wB8mmRSKIl69PQ0AO2v/fH/AHzRtf8Avj/vml8xff8A75NHmL7/APfJoAYFfzm+fsO31p21/wC+P++aaJF85uvQdj70/wAxff8A75NACbX/AL4/75prK/mJ8/r2p/mL7/8AfJpjSL5ide/Y0AO2v/fH/fNG1/74/wC+aXzF9/8Avk0eYvv/AN8mgBkivs5fuO3vTtr/AN8f9802SRSnfqOx9af5i+//AHyaAE2v/fH/AHzRtf8Avj/vml8xff8A75NHmL7/APfJoAZEr+SmH/hHanbX/vj/AL5psUiiFBz90djT/MX3/wC+TQAm1/74/wC+aaivl/n/AIvSn+Yvv/3yaYkigv1+96GgB21/74/75o2v/fH/AHzS+Yvv/wB8mjzF9/8Avk0AMZX81Pn9e1O2v/fH/fNNaRfNTr37Gn+Yvv8A98mgBNr/AN8f9802RX2cv/EO3vT/ADF9/wDvk0ySRSnf7w7H1oAdtf8Avj/vmja/98f980vmL7/98mjzF9/++TQAhV8H5x/3zTY1fykw/wDCO1OMi4PX/vk02ORREnX7o/hNADtr/wB8f980bX/vj/vml8xff/vk0eYvv/3yaAGIr/N8/wDEe1O2v/fH/fNNSRRu6/ePY0/zF9/++TQAm1/74/75poV/OPz/AMI7fWn+Yvv/AN8mmCRfOJ5+6Ox96AHbX/vj/vmja/8AfH/fNL5i+/8A3yaPMX3/AO+TQAyRX2jL/wAQ7e9O2v8A3x/3zTZJFKjr94fwn1p/mL7/APfJoATa/wDfH/fNIyvtPzjp/dp3mL7/APfJpGkXaevT+6aAERX8tfnHQfw0u1/74/75pEkURr16D+E07zF9/wDvk0AJtf8Avj/vmmxq+Gw/8R7U/wAxff8A75NMjkUBuv3j2NADtr/3x/3zRtf++P8Avml8xff/AL5NHmL7/wDfJoAYFfzm+f8AhHb607a/98f9800SL5zHn7o7H3p/mL7/APfJoATa/wDfH/fNNZX3p8/c9van+Yvv/wB8mmNIu9OvU9j6UAO2v/fH/fNG1/74/wC+aXzF9/8Avk0eYvv/AN8mgBrq/lt846f3aFV9o+cdP7tDyL5bden900LIu0den900ALtf++P++aNr/wB8f980vmL7/wDfJo8xff8A75NADI1facP/ABHt707a/wDfH/fNNjkUKev3j2PrT/MX3/75NACbX/vj/vmmhX81vn7Dt9af5i+//fJpgkXzW69B2PvQA7a/98f980bX/vj/AL5pfMX3/wC+TR5i+/8A3yaAGMr+Ynz+vanbX/vj/vmmtIvmJ179jT/MX3/75NACbX/vj/vmmyK+zl+47e9P8xff/vk0ySRSnfqOx9aAHbX/AL4/75o2v/fH/fNL5i+//fJo8xff/vk0AJtf++P++abGr7OH/iPb3p/mL7/98mmRyKE7/ePY+tADtr/3x/3zRtf++P8Avml8xff/AL5NHmL7/wDfJoAYqv5jfP2HanbX/vj/AL5pqyL5j9eg7Gn+Yvv/AN8mgBNr/wB8f9801lfzU+f17U/zF9/++TTGkXzU69+xoAdtf++P++aNr/3x/wB80vmL7/8AfJo8xff/AL5NADJFfZy/8Q7e9O2v/fH/AHzTZJFKd/vDsfWn+Yvv/wB8mgBNr/3x/wB80FX2n5x/3zS+Yvv/AN8mkMi7T1/75NACRq/lr8/Yfw0u1/74/wC+aSORRGvXoP4TTvMX3/75NACbX/vj/vmmqr+Y/wA/p2p/mL7/APfJpiyL5j9e3Y0AO2v/AHx/3zRtf++P++aXzF9/++TR5i+//fJoAYVfzV+fse30p21/74/75ppkXzVPPQ9j7U/zF9/++TQAm1/74/75psivtGX/AIh296f5i+//AHyaZJIpUdfvDsfWgB21/wC+P++aNr/3x/3zS+Yvv/3yaPMX3/75NADWV9p+cdP7tCK/lr846f3aVpF2nr0/umkSRfLXr0/umgBdr/3x/wB80bX/AL4/75pfMX3/AO+TR5i+/wD3yaAGRq+Gw/8AEe1O2v8A3x/3zTY5FAbr949jT/MX3/75NACbX/vj/vmmhX85vn/hHb60/wAxff8A75NMEi+cx5+6Ox96AHbX/vj/AL5o2v8A3x/3zS+Yvv8A98mjzF9/++TQAyRXwuX/AIh2p21/74/75pskikL1+8Oxp/mL7/8AfJoATa/98f8AfNI6v5bfOOn92neYvv8A98mmvIvlt16f3TQAKr7R846f3aXa/wDfH/fNCyLtHXp/dNL5i+//AHyaAE2v/fH/AHzTY1facP8AxHt70/zF9/8Avk0yORQp6/ePY+tADtr/AN8f980bX/vj/vml8xff/vk0eYvv/wB8mgBgV/Nb5+w7fWnbX/vj/vmmiRfNY89B2PvT/MX3/wC+TQAm1/74/wC+aayv5ifP69qf5i+//fJpjSL5ide/Y0AO2v8A3x/3zRtf++P++aXzF9/++TR5i+//AHyaAGyK/lt8/Y/w0oV8D5x/3zSSSKY269D/AAmlEi4HX/vk0AG1/wC+P++aNr/3x/3zS+Yvv/3yaPMX3/75NADI1fZw/wDEe3vTtr/3x/3zTY5FCd/vHsfWq+qXLQaTdSwMVkSJmVtvQ496UnypsqMXKSiupa2v/fH/AHzTVV/Nf5/TtXnf/CUax/z+n/v2v+FH/CT6xnP2w/8Aftf8K8/+0aXZ/wBfM9X+ya3dfj/kej7X/vj/AL5rza6/4/Jv+ujfzqe28S6vJdRI94SrOARsXkZ+lZl3rN4t7OoMGBIwGbaM9/8AdrkxOJp1Ypq+n9dztweDq0JNOzv/AF2J6Kpf21e+sH/gLF/8TR/bV76wf+AsX/xNcPPDz/r5np+zqeX3/wDAPSNO/wCQXa/9cV/lXO+KI59auUsfDsvkaxaMC2oL0s0YqzRscHJkUD5MHHyuQMJnWtZprjQ7dRMYXltl/eRooKEr1AIIyPpj2p9hBHplklrZqEiQk8/MzMSSzMx5ZiSSWOSSSTya+khWiopHyNShJzb8yHw7PZrZNp9tamxuLP8A19m7bnQsSfMLHmQOdzeZzuO7PzBgNn+AfU1k3lol5dWt0zNFc2rExTRABgpI3xnjlG2jKnjhTwyqReM8nkqcjO4/wj2qvbRM/YSMzxJLby2Q01oTdXl1zbwI21gykES7hygU4O/scY5IBo+F0k0hxp2vP5utTqGe+Y5F9tH8JwMbRn92MYGSM5JrSsrRLGe5uEZpLi6fdLPLhnYDO1c44VckBRwMk9SSX6hbx6nZm2vF3ISGVl+VkYHIZWHKsDyCORR7eI/q8jUXv9Kpape2ljp7vqGGif8Ad+Vt3GUngIF/iJ6YqawaTdHFJIZdqYLuoy2B1OABn6VR1Hw2P7ZOu6Z5f9pIoUJKi+XIoGCucZBI/iySOnTii6nqhWdPRnO6Laz6DqAuvEMbfZ5XKWEjyb105GPEJ/u54G/nsucYrt1+8PrXPJrsfisXWkaPEqSQkwao08YYWhI5j2nh2IPuuOTnpW3ouh2mhaeLOyDGIOz5fBbJOTkgDP1OT70coudF6aaK2t5J7iRIoYlLySSMFVFAySSegA71xU+m3Opfab6wspRok8nmz6WzeW1+Od7hT90MSCUOBJj5sbmz0GveHLfXWtpZZDFPaEvbuEVgrZVgWBHzDKA7cgHAPUKRmS+ObbTtSi0HVUA8RzqTbWER4uxz86MeAvBJ3YI2nrjnQzOi0++ttRsY7mxcPC2QOCCpBwVIPKkEEEHkEEGib/WmsvSvDgttYk1y+dX1S4Rlm8pFEaghBheM5AiQFs5bA3ZCoEuarZx6lY3VjcAGG5iaJ8orfKy4PDAg9ehBHtScebQqMuV3OY8Tw3GtXiWfhyTyNWs2HmagpwLZCVZoScHJdcfLg4+VzghM6vh64s/sJsbW2NlLafLNZucvGWJO4n+MMdx3/wARznnIGZLqFv8AD+xf+1JFTQVcsl2y5eB3fO2Tu+5mPz8sSfmySWNhdGk13UbbV9ZiFs9swa0tgiFkG4NmQkHJJVTtHCkA/eAKz7Nle0R0Z+6PqawfE0kNxZjTEi+0ahcDdbRocNEw6S7h90KcHd+A610kQDJ8wB59K5pdHXwhJcahpsQns5SZL2IogkUAk70IA4GT8nTqRyTlcgc5X8MBtKY6brJ3axKoeS7c5+3YH3lOB0/ucbew5zXV2/3j9K5gLa/EOwimtyv/AAj7fvIp1QeZdEZAZcj5FHPOMnkcDr00cCWdlFDAAqxIqLhQOAMdAAB+ApqOonPSxYoqr5r/AN6jzX/vVpYzuWqz554bW2kuLqVIYIULySyMFVFAySSeAAOc1OsrlgCe9Z2u+GbbW5bW4Z/JurLLW0nlq6q+5HBYEfMA0anbkDIDcMqMsSjcuMrHJLZzLrT641jP/wAI6XWZdN2nes+4sbzycZ5JDeX1BHmbfMNdvBPFdW8dxbSpNDKgeOSNgyupGQQRwQR3rG/4SlzqH/CP/Y4h4l8rzfsu7915O7b9o3Y/1eeMfezxjvV/QvDNroclzOj+bc3hD3D+UiKz7nYlQB8oJkY7ckZJPLM7NPIy+dF9vvfgP5VyOoQ3Gt6nNP4Zk+yvGhhuL5WwtwRkeUODuKnPz/wnIGeRXU6xotprmnmzvQwiLq5MeAwKkEYOODx1GCOxFc/c+JdP8B2tvZeKpoba04gsLpIgqzYHyxlFGFcAdgFOOMdKOQXOX9AubN7D7HZ2/wBie0+SWzb70RPOT6g8nd/Fyeua1j90VixaA2s6pb61rMK281uwNrbKiExrnP7xiDkng4HC9uea6TYv90flRyD5zlfFDx3dp/ZVunm6nMN9qEODbsOBMT/CFP58jnJqPwz/AMS1m0zVMjV3HmzXDtn7dgAGRWwOnA2/w8DGMVImlR+ClnvrGMTac/7y9QookiA/5aKQBlQP4Ow6elMaC2+IdhFMm0aAw8y3lVB5l0SCA65B2pgntluQeCQTkDnOnt+rVX1q8sbTTHXUohcRXGYFtdgka5LA/uwh+9kZyDxgEnABIuQwpBCkcYAVFCjAA4H04rCvfDz2+ty+INHCPqLDDwzKoSVNqgqGAyrHYvzc5wA2Qq7bSsjOTu7mV4etbnw/qCv4o3Sy3TtDYXjymVbSN3yloWPQ/cG858wqoJyEFdm/+rb6Vyo1qLxvbXel6OB9lVns9VlniVvIbGJLfYwKtJg4OQUAP8XSt7TNLg0bSxZWZcxI0jgyHcxLuzklurHLHLNlm6sWYkkewLcZcXENpbSXF1KkMMSl5JHOFVRyST6VxMVpNBrDa3PZTDw8XEsWnkHdBLkk3Rix3JB2dQfn27ia6PXPD0Os3FtdmTyruzy1u5iRlDblYFgRlhlFOM4yAwwyqy0R4smlvzoMVtGviJY/Me3JzGkWcefu7pnoPvZ4x3rE3OjhmjuIUmgkWWKRQ6OjAqykZBBHUGry/dH0rntC8P2+hfaHhfzJroh53MSKGbLEkADgZYnbkgcnqWJ0dZ0W11/TBZ328RblfKYDZHoSDj6jBq4GczmNYtZ9f1f7boCM9jDmPUfLl8tdTUceUp77efm4zyucZrrNLvbS/wBPjk0/CxL+78vbtMRHBQr/AAkdMVgv4hHhX7LpGsIHmmIg0wwIFF2QOI9o4RgOvRccj0q3p3hzGs/29qbIdTdSGSJF8tFIAC5xkkAY3ZyenTArQzN+ioZnZWG044qPzX/vU7CuWqDnjBxzVXzX/vVLFITncc9McUWC5LRRRSGFFFFABRRRQAUUUUAFFFFAGB4rtvtH9kO00EKW+pRSuZpQgIGeBnqeelc3f+GL2HSdUjvJrWKMFbfTmlmChYjLvIJPAPIUD/ZFanxEso9SsNIsphlJ9TijPtkMK53xTfy694atopjl9PiWW8H/AE3D+UB+Yc/gKI/r+i/r5g/0/V2NbxD4Y1bVv7UieH7X55BtJJbxhDCu0ceVnBbOSGweo54rXtdHvRf31xNGiC406OBV35w4ByPpz1rI8ReIdStRqc+m3dwRYFQEhgjMIwoJEjOuSeeikcY71cub3V73Wr+K21R7OC30+O4RI4Y2y5BPJZTxx0/Wp0t/XZj/AK/FFe00HW9LgkS3tYbg3GnJbNmYL5TqCOfUc9qgt9Iv7CG6so723t9QuLOCOGNbgLIxQfNjuPrV7R/EN/fR3klxMoMemx3CKqABXKnJ/Md6xdJvbqO61LWbjU3M5sbdiZIoypZh6KgP0AP1zVdX/XcFt/XkaNr4VvW1i5maz+ywXdi1tI8t2Z5tx/iZmJLDnjnitFLXW38Ovo81jBEotHga4M42t8hAIAGR+NZ9p4h1O01S+huXuriGLTzdRi9ijjfcM9AgHy/Xmprq31W88FXF/NrszCewkkkhWCLYMpkBDtyPTkt/WlL4X/Xf/ghH4l/Xb/gD7Kw1m1urK/hsoZT/AGeLSSPzx8rKxIbPdTntzS+FfDuo6TdW8t8sa7NNW3bY+fnEjsfwwwp3hy7u4b+z06W8eeAaUk4EioDuLEZyqjsAKpeHNX1jWtRskuNTkSL+z0uZBHFHmV/NdcElTgELg4x7EVUt38//AG7/AIJK+H7v0/4Ba8O6JdQR+GpS0MkdjZzxSvHIGBL7MYI6j5TWf9ll8L65FqVzLbK8txejyZpxGHjklEikO3yhhgZB7E+lTabqusapB4YhGptbG/tZ5bqSOGMsxTZjblSAefTGCeOmE03V9W1fUbbRp7/ymjkvPNvEhj8yUQyiNQAylQTuBPy9uMUa82m+v56lP4dTMisf7Usbm91YWMVpNryXDfaJF8qSJUUHBbhumPQ4OK7HTrfw4YrlPDcelLM8ZD/YRGDjtnZ2rj7u+1OVfIv5v7SksfEMMMOESPcu0EDgAZ55PrXR3dlf32r2epNYLpo09JHLmRHeTKkbRtzx3OfSp05fL/7VC+1/XdjRoF/BomhNEiSXulEMYS+Fk+UqQG/GoLzw3qepTXepukUF000MkNsWDDEfOGYcZOajtNT1h9G0QSapK1zrDgPP5MWIAFJOwbcZOP4s0l/r+q6Zc3mli8E8izQRxXksa7kEhIO4KApIxxwKp35vO/46B0L2tabqviKwCz2a2jW0yTRIt2Q0hHUbkxt9iDUMPh55BeSzaIrtJCIQl/qUtyZVzkrliwUenvUmu3WreH9OXy9SuL57qeOGN5LaMyQ56kbQqt7Aj86hW98TBL6CyjvLgCFXgnvoI43DZ+ZQFAU8cjI69c0vT+tA7f11C30HUPLvY3smfT5YFQabfXzXCswPJVmLbeMYGeo7UiWWv6XbahPpaPAhhVYba+vzOsbD7zhmJwAO2ccUJqWrNBe21hfXk2opCki21/axJIoJ+ZkKhVPGcAg81JbTWuox31h4gvrua3SFJZrfUoUhZVznO6MKCuR0x2/Chgv6/APDIiktrxLW1t7uedSbq7kvI5zNIRwH2ZwvbHQDoKpaJo9ne63YvBBbW40pjI0S6gbooxVlCICx8pOSSBjO1eOOEnWK6n1DxFHbtYaVb6ZLbrJGm2W5GM7gPRQPlz6+lJpVvcafqvhb+0YIII/Ikt7ZrYZZyY84k9PlUnAyMjrTW9/662E9v68rne0UjZI+U4+ozSYf++v/AHz/APXpDEf/AFkf1P8AKn1EwfenzDqf4fan4f8Avr/3z/8AXoAdTJf9Wfw/nS4f++v/AHz/APXpkofyzlh/3zQBLRTcP/fX/vn/AOvRh/76/wDfP/16AHUyL/Up9BS4f++v/fP/ANemRB/KXDDp/doAlopuH/vr/wB8/wD16MP/AH1/75/+vQAg/wBc/wDuj+tPqIB/Ob5h0H8P1p+H/vr/AN8//XoAdTG/1ifj/Klw/wDfX/vn/wCvTGD+YnzDv/DQBLRTcP8A31/75/8Ar0Yf++v/AHz/APXoASX/AFf4j+dPqKQPs5YdR/D70/D/AN9f++f/AK9ADqKbh/76/wDfP/16MP8A31/75/8Ar0AJD/qU/wB0fyp9RRB/JTDD7o/hp+H/AL6/98//AF6AHUyPq/8AvUuH/vr/AN8//XpiB8v8w+9/doAlopuH/vr/AN8//Xow/wDfX/vn/wCvQAjf61PoafUTB/NT5h3/AIafh/76/wDfP/16AHUyX7n/AAIfzFLh/wC+v/fP/wBemSB9nLD7w/h96AJaKbh/76/98/8A16MP/fX/AL5/+vQA49DTYv8AUp/uikIfB+Zf++f/AK9NjD+UmGH3R/D/APXoAlopuH/vr/3z/wDXow/99f8Avn/69ACR/wAX+8afUUYf5vmH3j/DT8P/AH1/75/+vQA6mD/Xn/dH8zS4f++v/fP/ANemAP5x+YfdH8P1oAlopuH/AL6/98//AF6MP/fX/vn/AOvQAkv3R/vD+dPqKQPtGWH3h/D70/D/AN9f++f/AK9ADqRvun6UmH/vr/3z/wDXpGD7T8w6f3f/AK9ACx/6tfoKdUaB/LX5h0H8P/16dh/76/8AfP8A9egB1Mj6N/vGlw/99f8Avn/69MjD4bDD7x/hoAlopuH/AL6/98//AF6MP/fX/vn/AOvQAg/1zf7o/mafUQD+c3zD7o/h+tPw/wDfX/vn/wCvQA6mP/rI/qf5UuH/AL6/98//AF6YwfenzDqf4fagCWim4f8Avr/3z/8AXow/99f++f8A69AA/wDq2+hpV+4v0pjh/Lb5h0/u/wD16FD7B8w6f3f/AK9AElFNw/8AfX/vn/69GH/vr/3z/wDXoASL7p/3j/On1FGH2nDD7x/h96fh/wC+v/fP/wBegB1MH+uf6D+tLh/76/8AfP8A9emAP5rfMOg/h+tAEtFNw/8AfX/vn/69GH/vr/3z/wDXoARv9Yn4/wAqfUTB/MT5h3/hp+H/AL6/98//AF6AHUyX/V/iP50uH/vr/wB8/wD16ZIH2csOo/h96AJaKbh/76/98/8A16MP/fX/AL5/+vQA6mRfc/4Ef5mlw/8AfX/vn/69MjD7OGH3j/D70AS0U3D/AN9f++f/AK9GH/vr/wB8/wD16AEX/Wv9BT6iUP5r/MOg/h/+vT8P/fX/AL5/+vQA6mN/rU+hpcP/AH1/75/+vTGD+anzDv8Aw0AS0U3D/wB9f++f/r0Yf++v/fP/ANegBJfuf8CH8xT6ikD7OWH3h/D70/D/AN9f++f/AK9ADqQ/dP0pMP8A31/75/8Ar0hD7T8y/wDfP/16AFj/ANUn+6KdUcYfy1ww6D+H/wCvTsP/AH1/75/+vQA6mL/rH/Clw/8AfX/vn/69MUP5j/MO38NAEtFNw/8AfX/vn/69GH/vr/3z/wDXoARv9cn0P9KfURD+cvzDof4fpT8P/fX/AL5/+vQA6mS/dH+8P50uH/vr/wB8/wD16ZIH2jLD7w/h96AJaKbh/wC+v/fP/wBejD/31/75/wDr0AK33T9KRP8AVr9BSMH2n5h0/u//AF6RA/lr8w6f3f8A69AElFNw/wDfX/vn/wCvRh/76/8AfP8A9egBI+jf7xp9RRh8Nhh94/w0/D/31/75/wDr0AOpg/1zf7o/maXD/wB9f++f/r0wB/Ob5h90fw/WgCWim4f++v8A3z/9ejD/AN9f++f/AK9ACSdF/wB4U+opA+Fyw+8P4afh/wC+v/fP/wBegB1Nf/Vt9DRh/wC+v/fP/wBemuH8tvmHT+7/APXoAev3R9KWmKH2j5h0/u//AF6XD/31/wC+f/r0AOpkX3T/ALx/nS4f++v/AHz/APXpkYfacMPvH+H3oAlopuH/AL6/98//AF6MP/fX/vn/AOvQAi/65/oP60+ogH85vmHQfw/Wn4f++v8A3z/9egB1Mb/WJ+NLh/76/wDfP/16YwfzE+Yd/wCGgCWim4f++v8A3z/9ejD/AN9f++f/AK9ABJ/qn/3TTh0FRyB/LbLDof4f/r0oD4HzL/3z/wDXoASe4S2jDy5wTjgVX/tW29W/75qPVgws13EH5x0GOxrHrmqVZRlZHbRoRnC7NpNTtlXBZupP3feo7yeLUrGe0hcq80bKCw4HFZNWbD/j7X6H+VZ+1lL3X1NXQhBcy3RyV9oVxpl4n26aFLGQAC6Gdsb+j8fKD2bp64q5c+Fms7WS4utQt4oYxud3BAArqtRu7SysJJdQZRBjaysN2/PAUDuT0x3rk7ezuNOktrvV4Jv7FhctbWjPvNj/AHWcY+YDnAydn4Dbl9To9jT6/iO/4DdG8OX9063cuy3h8wGFZAQ7qP4iMfLnsOvrRq/gjVEWa6s3guG3lzCCQzLnnHbPtXbxOsqpJGyujAFWU5BB7g1dq44OjJWaIlmGIi7p/geb2Hg2TU7Nbmz1C3eMkggqwKsOqsMZBHcGq1h4TvdUvJPsM9u9jGCv2s52yv6JxyB/e6ema19YtptZ1n7boUUkulqCmqpBJ5Y1IDG1V4+bbg5IK7h8u4j5a7DTbu0vdPim08qYMbVVV27McFSOxHTHan9QodvxD+1MV3/AxhJBpkMNlcS5kgiRGKqSDhRSf2lZ/wDPVv8Avg1T1/8A5DMv0X+QrNrlnVcJOK6HbToRqQU29Wb39pWf/PVv++DU4vbZrZGEh272H3T6Cuaq/F/yDY/+ur/yWiNaTuE8NBW1Zqfa7b/nqf8Avg0fa7b/AJ6n/vg1lUVXtWT7CPc3bG5ga6ARyTg8bcVm65rF4upiwkLafpkpVX1JM7hkfcB6ISeN/b64p2k/8f4/3T/Kr+p3VnaafI+o7TAw2GNl3eYTxtC/xE+lddGbcTz8RTSnYoavZ6do2nw3mmsun3VovlWxRSfPzyIWXq4Y8+oOSD1zqaLqN3fWAl1OzNlOXYeTndgZ4Oa4/Q7afRtSFx4ijkEEjlNLeWTetjGx4hbj5WPTcS2eF3AACu4X7w+tb8zObkRX1W9vESODS4A88xI86Qfu4AOrMM5PXhR19R1qCLQdMGmT2d0jXZuW8y5uJT+9lk4w+4YKsCF2lcbNq7cbRi8eporaxjcp6ZcX9rctYajvuo1XdBf4ALqMDbIBjDjPUDDDnjkB+oanBaeczLJI0abvLjTLNxnA96s1i6n/AMhCT6L/AOgiqjFNkSk0itZKl5dJqWu4a4UH7Pagbo7QEYPs0hBwW7AlVwCxZtrN/YV1FbWXmXGkyNtSLHzWfoFz1i9uq9B8uApRWnIjPnZ1NlMk8BeIkjdjkYrm4559d1gWHiKL7FApLw2R+7fbSfmYnqBgHZ36nIrb0T/kHn/fP9Kp+KXt57H+zhG0+oTjdaRxnDxuOku4coFODu/DvisJaM3jqipq7voWqCXQE8+7vMvNpi/dlwP9d/sHoCejdOtb/ms1jFJcL5bsql1/ukjkVg+FA+nZsNcJbXpVD3F07BvtuB95CABtH9wAbfTnJ373/j3/ABFC3B7EHmx/3v0o82P+9+lVaK0sRcuJLGZFAbnI7UzVZ9QURW2kwqZ58g3MozFbqMZZhkFjzwoxnuQOahi/1yf7wrWqJFRZi/8ACLWP9neQHn+1ed9p/tDcPtP2jG3zt+MbsfLtxs2fu9uz5ataVPqDLLb6rCongIH2iIYiuFOcMozlTxyp6HuRzWhRUlFHWLu9stPM2m2f22cOoEO7bkE4PPbis3w9b2+owSaneut5fzKYZxImBbjvAEP3QOM55bgnjbjoK5DU4rrV9Vmm8JubeaNGhu71XCxz46RjgguD0fHycjnlSASWdzc6XrY0jRkN/psbqshJJ+wZ/wCWe7+IY6L1UcdMY6usrw/PYNpwtdPgNobX5JbV/vxN1+buSeTu53cnJ5rVoA5O2nn17V1s/EcX2NIv3sFgfu3eD99ifvBeDs7HBPanatJLoOqFvDsf2i5uw0s2lr91uD++GPuEkYPZj/tZJt+K2iubH+zbdDLqswL2QjOGgcdJtw+6qnqe/I5yRUPhX/QN2n6tuGuOPNuZ5GDG8PQyI2ACo6bQBt4GAKAOgE2y3SSYbWYDIHY46Vi6hc3WqXjWELTWNgoH2i6Q7ZJsj7kRHK+78EdFwfmGtff8e4/3hWfVpJohtple6022txDc+HhHYXlrCIYlVNsMsS9IZFH8IydpHKEkjgsraNnqYvLBZZ7eW1lKtvhkwShGQeRwRxwe4xValH3X/wBxv/QTSlFJNji25JFPVNTuP3VtpaYlmzuuZFzHAo6sR1ZueF79yBVc6NpQ09YYpZkuVl89b/rP52MGQtjkkcEY27flxt4qSivO9rI9f2ESbTNUneOSHVI9k8JA86Nf3cw7Mvce4PT1PWr2sajd2OmiXS7P7bPuUCHO3IPU5rLrbH3F/wB0fyrooScm7nLiaaglYxdIs9N1nT57vUmXUbm7XyrkyIV8nBz5Sr1QKefXPzZ6U3QtYvX1I2KbtQ0yMsqam3VsD7p7MQeN44P1rF1m3n1nWBdaAkj2UeY9U8iXyxfqOkanHJU9SNuR8u7HFdZpl3Z3mnxyadtECjYEVdvlkcbSv8JHTFdNjjuX5SrkEHHHpTMD+9+lB+6tJTELgf3v0qWAAbsHNQ1LBnnBx07UnsCJ6KKKkoKKKKACiiigAooooAKKKKAOT+IF5NY6dpk9paQ3VwuoRmJJiwAbDHI2kc/XI9qyfFtxpmm+HvtGkafBM+uSJcziRnw6AAlzhgR1A4IGWro/FVo10dIYPEiW+pRSyGWQINoznGep56Vzd94Y1BNK1OK6NuiJtt9OLzBf3Rl3nJPA/hXH+wKI/r/l+tgf6f5/kaesw+FhdXh1G0uZUbb9t8p5TArEDBdQ23djHOMjirM9/oGlahcW6wXMs/2NBMY1kk/cchSTn689ayfEHhzV9UGqwtayXbXBBtJGvNkEa7QMGPPLZB5KnqORWxa6Rff2hf3EsIQXGnRwKC4J3gNkcfXrS6f12H/X4ohXT/CuoKyxRSMltZKW8qaVA8BBIDYYbxweGzWNZ3elXWq3ttFZiDRUs4vNeWGUtIgHy4beNmOMcEmrdnomt6VBIkNglybnTktziZVEUigj5snkc9s1FbaNqdla3drHNDBfT2cEcSCdQ7FB8wHcexp9X/XcOn9eRqaTD4cGqSSRW91DexW5LPfSSlnhPqXY7l+ucVnyzeHLXTbi6tNMv541tpWgSUzNAw28hAWKqCO4A4otfDF9JrFzL9hktbe7sHtmluLvz5Q57sSxyOeME/hWlHDrL+G30aTTEiIs3ga5a4XYTsIBUDJ598YpS+F/13/r5hHdf12K+kWWg6rb2EElrdQ3Mdn5iqZ5kYRMcFS2/LLkfdJIx2qTRr3w1a3dnFotrP5slmqxBEdtsG9gM5PADbuevNR2VnrFneWV/Hpol/4l4tHiE6Ao6sSGznBU57ZPtR4U8P6jpd3by38SJs01LdtrhsOJHYj6YYc05bv5/r/XzJXw/d+gun32g2FloDxRyTTNbyrYC3hkyV+XeApY/wCz94np1qjqU2lz29jLotsk5nubiQQCSeK5EpJ8wq8ZLJg5DLjHI+lXfD2iXlunhmRxGyWNnPHMySBgGfZjBHX7p6VQjtJ/DWvRajceQXluL4C3edULRySiRXUsQueBkEg4PtQ/i+/8/wBf+CV0M6zNpHpMS6WIWuZNejEgnilK20pUD+8rORgZLHkkkiuruNT1LTNYs7HV5rS9t75ZFJt4GhePapJJBdsjAx2xkVzEFi+rWt1d38VrFbS6+k7rLKvltGqKDhjgN6cdwcZrsrKy0IR3A0GLTxM0RUm12ZwfXFDvy/12Quv9d2ZwvvDt34Ygj+y3P9nqUW1UJIrue3lkHdkeoOaWOTwxHot9HNC6xiQC6jui7Ts5+7ksS5Poc/SmroN/b6HoLxwrJd6UQz2/mAeZ8pUgN0zz9Kr3vh3VNSuLvVDDHb3DTQyQ2ruDuEfPzMMgE596b3f9dgJ1HhuLTbz7ZaXqIdiyC+Mzyt/dCs7FuvTB4pIT4ZitL77RDdIwVfPW+kmebb/DtLsWAz0wetS65Yan4i09Vk09rM20yTRxm8CvKR1G5Pu+x3VDDoHmi8mm0GWRpIRFs1DVHmaVc5IGS4Uehz19OtIBUHhuG1u2u7S/jyiB2vmmeRhn5QjuxYc9ACOaiuNK03UdLv7Sx0u9mvZET5NRuJ1ZgD8v7xmLbQcnaD/OnQaLqBjvY30+eXTZYVQadqF95pZgeSrZbbxjAz1HbrSR23iDTLfULjSredIzCiwWuoXwm2OD8zhixwoHbdyR2oYIg060u9P8RNot1cJdS3Fg0iOZ7mWOLkKVeGSZgQc8HI6GmaNpdzY+OIrO2ltLqKxtybiRopz9mDfcji3zOqkgZOAMAD1FanhIRo0xS1kluJfmur+S5hlaR/Q7GOB6DGAKn8KxCB9TNzPA9/dXss0sccquyJu2oDg8YUKKfX+v66/gLp/X9dDoCQvUgfWk8xP7y/nTsZ60mB6CkMYzr5ifMOp7+1O8xP7y/nSOB5icdz/KnYHoKAE8xP7y/nTZXUxnDDt3p+B6CmygeWePSgBfMT+8v50eYn95fzpcD0FGB6CgBPMT+8v502J1EKZYdPWn4HoKbEB5KcdhQAvmJ/eX86PMT+8v50uB6CjA9BQAwOvnN8w6Dv8AWneYn95fzpAB5z8fwj+tOwPQUAJ5if3l/Oms6+YnzDv3p+B6CmsB5icetAC+Yn95fzo8xP7y/nS4HoKMD0FADJXUx/eHUd/eneYn95fzpJQPL6dx/OnYHoKAE8xP7y/nR5if3l/OlwPQUYHoKAGROohTLD7o707zE/vL+dJEB5KcfwinYHoKAE8xP7y/nTY3XL/MPvetPwPQU2MDL8fxUAL5if3l/OjzE/vL+dLgegowPQUAMZ181PmHQ96d5if3l/OkYDzU47GnYHoKAE8xP7y/nTZXUpww+8O/vT8D0FNlA2dP4h/MUAL5if3l/OjzE/vL+dLgegowPQUAIZEwfmX86bG6iJPmX7o708gYPApsQHkpx/CKAF8xP7y/nR5if3l/OlwPQUYHoKAGRuvzfMPvHvTvMT+8v50kYHzcfxGnYHoKAE8xP7y/nTQ6+cfmH3R3+tPwPQU0AeeeP4R/M0AL5if3l/OjzE/vL+dLgegowPQUAMkdSo+YfeHf3p3mJ/eX86SQDaOP4h/OnYHoKAE8xP7y/nSM6bT8y9PWnYHoKRgNp4HSgBEdPLX5l6DvS+Yn95fzojA8teB0FLgegoATzE/vL+dNjdQG+YfePen4HoKbGBhuP4jQAvmJ/eX86PMT+8v50uB6CjA9BQAwOvnN8w+6O/1p3mJ/eX86QAec3H8I/rTsD0FACeYn95fzprOvmJ8w6nv7U/A9BTXA8xOO5/lQAvmJ/eX86PMT+8v50uB6CjA9BQA13Ty2+Zeh70K6bB8y9PWlcDy24HQ0KBsHA6UAHmJ/eX86PMT+8v50uB6CjA9BQAyN1Cn5h949/eneYn95fzpIgNp4/iP86dgegoATzE/vL+dNDr5zfMOg7/Wn4HoKaAPObjsP60AL5if3l/OjzE/vL+dLgegowPQUAMZ18xPmHfvTvMT+8v50jAeYnHrTsD0FACeYn95fzpsrqY/vDqO/vT8D0FNlA8vp3H86AF8xP7y/nR5if3l/OlwPQUYHoKAE8xP7y/nTYnUJyw+8e/vT8D0FNiA2dP4j/M0AL5if3l/OjzE/vL+dLgegowPQUAMV181/mHQd6d5if3l/OkUDzX47CnYHoKAE8xP7y/nTWdfNT5h0Pen4HoKawHmpx2NAC+Yn95fzo8xP7y/nS4HoKMD0FADJXUpww+8O/vTvMT+8v50koGzp/EP5inYHoKAE8xP7y/nQZE2n5l6etLgegoIG08DpQAyN18tfmXoO9O8xP7y/nSRgeUvA+6KdgegoATzE/vL+dNV18x/mHbvT8D0FNUDzH49KAF8xP7y/nR5if3l/OlwPQUYHoKAGF185fmHQ9/pTvMT+8v50jAecnHY/0p2B6CgBPMT+8v502R1Kj5h94d/en4HoKbKBtHH8Q/nQAvmJ/eX86PMT+8v50uB6CjA9BQA1nTafmXp60I6eWvzL0HelYDaeB0oQDy14HQUAHmJ/eX86PMT+8v50uB6CjA9BQAyN1Ab5h9496d5if3l/OkjAw3H8Rp2B6CgBPMT+8v500OvnN8w+6O/1p+B6CmgDzm4/hH9aAF8xP7y/nR5if3l/OlwPQUYHoKAGSOpC/MPvDvTvMT+8v50kgGF4/iFOwPQUAJ5if3l/Okd08tvmXoe9OwPQUjgeW3A6GgBFdNo+ZenrS+Yn95fzoUDaOB0pcD0FACeYn95fzpsbqFPzD7x7+9PwPQU2IDaeP4j/ADoAXzE/vL+dHmJ/eX86XA9BRgegoAYHXzm+YdB3+tO8xP7y/nSKB5z8dh/WnYHoKAE8xP7y/nTWdfMT5h371zs/j3w/b3EkMs8geNijAQt1Bwe1RH4heHS6n7TJxn/lg3+Fc31qgvtr7zrWCxL1VN/czqfMT+8v51BdBJomhkVZIpEKujAMrA8EEdxXP/8ACw/Dn/PxJ/34b/CtFNattQ0Z9T01ZLmNEcrGiYeQrn5QD3PQU1XpVNISTfqTLDVqfvVINLzRk3Gqt4MtXbV7ktoMY+S7lO5rQdAkhPLL2DdegPqbECXev3EV5qKtBp8TCS1sm4MjDlZZfp1VOgOGOWC7Kmi48UFdV1VfL8pisWlyjm0bHJlHeXB+ig4XOSzRzXL+FdVtdP0+GbUbO8kULZQDdJYAtgyc/wDLAeh5U8LkcJV2TZFjx1q17pnh+OeylVJDcqhLRq3BVj0YEdhXn3/Caa9/z9x/+AsX/wATXd/EGGKXw3Es1ykC/akO5lYjO1+OAa82+w2f/QWt/wDv1L/8TXgY+dVVvdlbTvb9T6jLKdF4e84Xd30v+he/4TTXv+fuP/wFi/8Aia09B8Wazc6mY5rpCoglYYt4xyEJHRfUVz32Gz/6C1v/AN+pf/ia1PDtnapqrFNShkP2eUYEcg/gPPK1yUqlf2ivP8f+Cd1alh/ZytBbfy/8A1JNUv5tUjv57oyywrthV4kKRE9WUbfvHpk5OOBjJzbPibViMG6Uj/rin+FU/stv/wA/8X/fD/4UfZbf/n/i/wC+H/wrq9pW/m/H/gnH7LD/AMi/8B/4BLo+pX1hc+TbXTLbzTBvI8tNkZJ52fLlQeuBx6AVia54t168kurGTU5FtvNZWRIo13qD90nbnB7889O5rctba3F5CRfRE+YvGx+efpXNX9laHUrknVYFJmfIMUnHJ/2airVrqKan+P8AwS6NHDObTgtv5f8AgFmPx14ihiWOG/WONBtVVtogFHoBtqtH4s12DU5b6DUWilnUCZUhjCSkdGK7cbgONw5IwDkAYr/YbP8A6C1v/wB+pf8A4mj7DZ/9Ba3/AO/Uv/xNc3tsR/O//Av+Cdf1fCf8+1/4D/wD2PS7e31rw5aT6rbQXUl1ar55liUiTK8gjGMH0rJuZLHwTbO+vCJtCjx5eoTLue1BOBHMTywyQFk6nIDc/M+npd2un+C7aaGOS9NvYh1jgX5psJkKoOOT0GcdapaJJH4mK6xqy8xsUg0yQf8AHicYPmDvMQeT0UHavVnf6ymouCb7HxFVyVSSjtdkttoq61eRX+qWMdtZwsHtLBowGZh0lm9x/DH0X7zZbb5exLa28aqqW8QXJOPLHWudbUD4W1m00nT4ZtRsbyRRHaQjdJpqlsF+T/x7jsDyhGF3LhY+nlYPgg1TUbaERlO+rOZuLA6BcS3thbJPp0jGS5swgJiY8mSL69WTofvDByGrwXFv4zt0k0lo10J/vXcShWux3SM9VXsW69QMdQW90/irVLmw1CGXTrSzkYNYzjEl8A2BIcf8sfYcseGwPleTWiPC7HVNKXzPObbLpcQ5u2xwYh2lwPowGDjAYRyo05n3Ojs7W3t9kdvbwxIi7VWOMKFAHAGO1Zmp+HG/tka7ppSS+jAAt5kTy5FAwQDtyrHs2Tjp04rU0+Y3NvBO8TwNLGHMMgw0ZIztPuOlY+ratd3HiBdAiSfTYpUDHU3AAlz1ihP/AD09z0HTJ6aQWhlNu5Cddh8Ux3Ok6JEnnITDqLXEYYWRI5RlPDPjoOR3PHB2tF0S20PTxZ2rSSRh2cNLtLcnPJAGfqcn3qhqGi2mlWK32lSRaZPZR8St/q5U7pL3YE9/vAnI7g3fD+rTa3pCXtxpt1prszL5F0AG4ONwx2PUe3YVZF2Qarpv9oLHJDN9lvbclre5VclCeoI/iQ4AKnr7EAjHk8cWtjex6PqsYj1+UfudOiwxuuvzRk4BXgnJxjBzjFW/EuuXGjC2S1tGk+1MyNeuubez6YeXBBxzwB1IwSo5EkXhnTTp8kN1m8luDvmu5DiWR+MOHXBUjA27cbcDbjArG7NrIk0zTp0um1LVnSbUZE2AJzHbR5z5cYx6gFmPLkDOAFVdWfT7O+t3jvLWGdJk2SLJGGDqRgg56jFc5our3ba5Podwkt+lrGT/AGuigRMQQPKkxjEwB52jacZ+UnYvR3109jpNxdRW0128ELSLbwAGSUgZ2qDgZPQZq4t3ImlY5y5u7TwVbMfEDo2ioQIdRmG54MnCxynq3OAsnJPAbLfM9u10g6veR6hq1olvbRHfaWBUZDdpZfVv7qdF6nLY2M0SNPEoXWdWUMykpDpzjIsTjDCQHrNg/Meig7V4LM8QvZfDOuWujWUM+pWV04CQRfNJpqk43MSf9R6Z+Zeg3LgJpdmVkdGwEACwqqKecKAK5WOxk8Iz3GoWe66spsveKyIJYuSd6FQMqMnKfiOc56ucZI5xXIWl0/izUZ7bUoZdOtbOQ5064GJbrBwJGxkeV3AHU/ex0OUm7m0UrCySp4/s4ntZQNDzvju0UeZcN0BjJHyqO7dT06Zrp4E8mzSDO5YkVBlVHQY6AAD8ABXM60//AAijHUdKjM6ztiTSYR81w396Edn9R0I64PNdLbSedaJKyNEZEVjG4+ZMjOD7iiN7hJKxlahp08N4dT0YRi6wBPbsAEulHQH+647N+B4wVow+Iv8AhI2lsvDhEU0L+VfXDxLmyfum0jBl9AcqOpz0LtS1O5vPEB0BBPpkDqGOoNx9oBGTHAez+pOCB93J5WTUdItNIs11DSpYNNms48bmBEUyD/lnJjkg9m5YE5GclW3MDX03T7bTLWK1tI9qKc5Y7mZiclmY8sxOSSeSTUmraV/aAintpzaahbZNtdKu7ZnGVZcjfG2BuXIzgEFWVWWp4f1OTWdKhvbjT7rTJJGINtdqBIuGIzwSMHGR7GmeJteudGa0gtbRj9sLI2oyrm1scYw82CDg7uAMZIwWQfMJY0V/+EtY3v8AYn2MDxJ5fmfYPM+Ty848/wAzH+pzxuxuzxt3cVraVpX9nrLNczm7v7kg3N0y7d5GcKq87EXJCrzjJJLMWZqn/CK2QsPLE1wL3zPP/tPcv2nzsY8zdjGccbcbNvybdny0zwzr1zrP2uG6tGH2Qqi6hEuLa+znLw5JOBjkHOCcBmHzFDNDWdIg1vTjZXUkscbOrloiA3ynPBIO3p1GCOxB5rAk8S2Pge0gsPFVxBZwLiGyu1jCR3GOibVGFkx2AAPUY6Db1/VZtF0eS9t9NutTkQqBbWgBc5OM8kcDqfYVT0jTbfUbf+1dRkt9TuLtMb1G6GJP+ecYPQDuTyxGTjhVAIYtEl1rVoNb1RTZtAQbW2RULBQc5lJByT2Ufd653cjpK5aO+m8O69baJaxT6nZ3DDYsfzSacp/56EnmL0/iHTkYx1NAHKxad/whbT31vm502Qb7wsiiWDH8alQAUA6rj5eo44psscXxAtIpIJNmh4Lw3SKpkuSQQGQsDtTk84y3Q/LkMafdv4vvpY9Tt5tPtrN/+QXcACWcg8SSYyDHxlVGc9T2AdrUx8ISfb9Jge6S5Y79HgA3zP3eEdA394HCkc8H7wB0yQokCREBlRQBkDt7Dj8qyNQ0iW2vW1XRY0NwwAubRsBLtQMA5/hkA4DdCPlbjaybMTmSFHKMhZQSrdV9jXN6hql1qPiN/DoW40q32hmv2O03i7cmO3YHhh0ZjhlH3Rk70AI4Ncj8UebaeGGERhkMN9eNEN1k4+9EFYEGYehBVeCd3Ctv2Ol2Wm2MdpZwBIYwQAxLsxJJYszZLMSSSxJJJJJJNZOqaXa6JZrqmkPb6ZLZRBCG+WG4jHSKQAE9T8rAFlY8BgWR9HQtTl1nRYL+40270uSXdm0vFCyx4Yj5gCRzjI56EUAQ6roMN95VxZlLS/t8m3uAgIGeqOv8aNgZX2BBDBWGUPEcUt4dFh06EeIlTe9kxGyNM484vjmLPfGSeMZ4q54l1660qa0tbW0dReblbUpVzbWWMANLznnPyjgEjBKjkPbwtZJp4WOaaO8RzMNSLAz+bjmRmxg8cFcbdvy4C8UuVdiuaXcsaVoNvp0cjzbbq8nIa4uXQAyHsAP4VHQKOnfJJJdrWh22uad9jumkij3ht0O0Nx6Eg4+owfeqvhnXrnWo7lbqyeP7KwRbxBi3vOvzxZOdvHIPQ8AsOTZ8Q6vNomkteW+m3WpOGVfItgCwBP3jn+EdSeTjsaLJbCbb3Mf+3YvC622k63En2iQ+Tp5t4govSBwiqOFfHUdO444FrTPDjDWDrupFUv5AQbeBV8pFIAAyVyzDHL5BPToAKXT9Fs9VsXvdVkh1Se9T5pU/1cadki7qAe/3ieT2Ai0nV7uDxA2gSxz6lFChI1RANseOkUx/56e469Tg0xG3dxRyxtDLGjxSIVdGUEMDwQQe1czPqf8Awhds76xc7tCj+5eTHc1oOgSQnllzgB+vQNk/Mek1GY29rLOsTztFEziKMZaQgZ2j3PSua0XHicrquqjZ5TFYtLkHNo2OTKO8uD9FBwuclmpElmCG41+4ivdRQwafEwktbJgAZGHKyy/TqqdAfmOW27OihbrnA6dsVyE10/hXVrXTtPhl1GzvJFC2UAzJYAtgyc8eQPQ8qeFyDhOvgA+bnND2AmoooqSgooooAKKKKACiiigAooooA5D4iWKalp+k2Uv3Z9TiQkdshua57xXqEuveGbWKQ/NYxLNeD0mD+WF/76Dn/gIrpPiDeTWGm6ZcWtpFd3CajGYo5SwG4BjkbSOfrxWR4tk0zS/D7XOk2UU765Kk8wkZ8MgwS3BBHUdOMtRHr6/orf5/Ib3Xp+ruWfEXiLUbT+0p9Pu5ybAqFit7ZWhHygt5ruvXnorDjHUmrd1f6xea1fRWupGzgttPjuUSOFGJc5OCWB+Xjp19xSazB4XW5vF1JbopIVN4sRlMCsQAC+35QcY5PtVme+8PaTqFxA/2h7g2aLNsSSUiEZAJIzx15pdP67Av6+9FfR/EV/fx3kk8iL5emx3CKqjCuVOT+Y71iaVd3K3mo63c6iTcCxgYGaJCgLD0VN3HYA8981vppnhi9V1gMu23sl8zypZFDwEEqGwfm7+tY1nc6Td6te2kMAh0dLOLzZJYJi0igfLh9wCY4xwSaf2v68xLb+vIu2fiPULXU76Gd7u6gisDdRm9gSJywzkAKFO36jPvUt1BrF34MuNQl12TE9hJJJCtvFtXKZAQ7cj05LfgeasaVB4dk1WSaL7WLyO3IkN60oZ4T67/ALy1nzXPhy1024ltodQuIltpTBE4nMLrt5CZ+XGO46Cpl8L9P8/6+Q4/Ev67F/w5eXcN9Z6dLdvPANLSf94qBtxYjqoHYAVS8O6xrGtajZRz6i0cP9npdSiOKPMj+a64JKnCkLzjB9CKsaRZ6JqkFhHsvIbtLLcFMkqN5TH7pJOSuQcA0/RrrwxZ3VnHo6ztNJZqkKpHI+Id7YJ9AGzkmrlu/n+v9fIlfD936FPTNU1fU7fwxBHqH2X7fazy3MkUEe47NmNoKlVPPoRgnjoQ2x1TU9bv7bRLm6SN45bvzrxYELyLDII1ChlKAncCTt7cAZq5p954f06y0CRWeaX7PKth5EEuXU7d+Eyx/u9STwaoanLpjW9hdaHHHcGe5uJFi82eK581iTJtZFZlwc7lK46cjHKe/lr+ehXQoXd5qEsItdRZdRax8QQwQrHEke9NoIGOFzzz2z6CuhuLG8utYtNRh0v+yUsUkd3doy0uVICAISMZ5OfSubszappER0ySCW6m16PzfOjlZbaUqBjkozkYGScZJPA6V1dxqepabq1pY6zJZ3lvfrIm62geF4iqk5ILvuGAR2xRry+f/wBqhdf67szrTVNYfRtFEmpu13rDgNP5Me23AUk7F29SB/Fu5/Ki+8Qarpk95pYuluJlmgjhvJY1DIsnHzBQFJGOOB9Kti98N3Xhi3VVuBYRFFtWEcquzfw+WcbifpSp/wAIx/Y1953meX5g+1fad/n7/wCHO75s+lN7v+uwCa5d6t4d08bdSlvmup44YnktUMkOfvHCABvYbfzqBdS8RKl9BYR3l4FhWSC4vLRYXDZwy4wqsccjj65qUHw5/Z159sN7tGzzPtvneaP7m3d83XpinQP4cFnfNNLeAqqif7Y8wmUfw43fMOemO9ICumqaqbe9h02/urq+jhRxaX9kkUyAn5mQgKrcZwCDyOvaprWW21SO+0/WtTup7ZYUkmt9QthbyIM5zuQIChx0x689qSNvDaQ3cl0b5H8tQ73vnCXbn5Qhbnr0x3qC607TdU0zULbT7O9u7+SNB5d/NNEzLu+X5352A5OB1oBGdqnmtBq3iHQLX7FZ22lywRSKuxrpuzgf3VA4J659K0re2k0vVvDz38Fk6zM0FsbRHSS3JiLYZtxEwIUgkqvODj0isTPomtyabrk63kTae9xlJ5tiIuAyvG7sMc8NnseKb4LVL64s72XUrGaRYN62SRys1tuHRGaZgMdDhenHFNeX9b/8ET2/rsjum3Y+UgH3GabiT++v/fJ/xp5IHU4pNy+o/OkMjYSb0+Zep/h9vrTsSf31/wC+T/jSOw8xOR1Pf2p+5fUfnQA3En99f++T/jTZRJ5Zyy/98/8A16k3L6j86ZKw8s8jt3oAXEn99f8Avk/40Yk/vr/3yf8AGnbl9R+dG5fUfnQA3En99f8Avk/402ISeUuGXGP7v/16k3L6j86ZEw8lOR0HegBcSf31/wC+T/jRiT++v/fJ/wAaduX1H50bl9R+dAEYEnnN8y5wP4fr707En99f++T/AI0gYec3I6Dv9afuX1H50ANxJ/fX/vk/401hJ5ifMvf+H/69Sbl9R+dMZh5icjv3oAXEn99f++T/AI0Yk/vr/wB8n/Gnbl9R+dG5fUfnQBHIJNnLL1H8Pv8AWnYk/vr/AN8n/GklYeX1HUd/en7l9R+dADcSf31/75P+NGJP76/98n/Gnbl9R+dG5fUfnQBHEJPJTDLjaP4f/r07En99f++T/jSRMPJTkfdHen7l9R+dADcSf31/75P+NNQSZfDL97+7/wDXqTcvqPzpkbDL8j73rQAuJP76/wDfJ/xoxJ/fX/vk/wCNO3L6j86Ny+o/OgCNhJ5qfMvf+H/69OxJ/fX/AL5P+NIzDzU5HQ96fuX1H50ANxJ/fX/vk/402QSbOWX7w/h9/rUm5fUfnTJWGzqPvDv7igBcSf31/wC+T/jRiT++v/fJ/wAaduX1H50bl9R+dADSJMH5l/75P+NNjEnlLhlxtH8P/wBenllweR+dJGw8pOR90d6ADEn99f8Avk/40Yk/vr/3yf8AGnbl9R+dG5fUfnQBGgk+bDL94/w//Xp2JP76/wDfJ/xpI2Hzcj7x70/cvqPzoAbiT++v/fJ/xpoEnnH5lztH8P196k3L6j86YGHnHkfdHf3NAC4k/vr/AN8n/GjEn99f++T/AI07cvqPzo3L6j86AI5BJtGWX7w/h9/rTsSf31/75P8AjSSMNo5H3h396fuX1H50ANxJ/fX/AL5P+NIwk2n5l6f3f/r0/cvqPzpGZdp5HT1oAagk8tcMvQfw/wD16XEn99f++T/jQjDy15HQd6duX1H50ANxJ/fX/vk/402MSYbDL94/w/8A16k3L6j86ZGww3I+8e9AC4k/vr/3yf8AGjEn99f++T/jTty+o/OjcvqPzoAjAk85vmXO0fw/X3p2JP76/wDfJ/xpAw85uR90d/rT9y+o/OgBuJP76/8AfJ/xprCTenzL1P8AD7fWpNy+o/OmOw8xOR1Pf2oAXEn99f8Avk/40Yk/vr/3yf8AGnbl9R+dG5fUfnQAxxJ5bZZen93/AOvQok2j5l6f3f8A69K7Dy25HQ96VWXYOR09aAExJ/fX/vk/40Yk/vr/AN8n/Gnbl9R+dG5fUfnQBHGJNpwy/eP8Pv8AWnYk/vr/AN8n/GkjYbTyPvHv70/cvqPzoAbiT++v/fJ/xpoEnmt8y5wP4fr71JuX1H50wMPObkdB3+tAC4k/vr/3yf8AGjEn99f++T/jTty+o/OjcvqPzoAjYSeYnzL3/h/+vTsSf31/75P+NIzDzE5HfvT9y+o/OgBuJP76/wDfJ/xpsgk2csvUfw+/1qTcvqPzpkrDy+o6jv70ALiT++v/AHyf8aMSf31/75P+NO3L6j86Ny+o/OgBuJP76/8AfJ/xpsYk2cMv3j/D7/WpNy+o/OmRMNnUfePf3NAC4k/vr/3yf8aMSf31/wC+T/jTty+o/OjcvqPzoAjUSeY3zL0H8P8A9enYk/vr/wB8n/GkVh5r8joO9P3L6j86AG4k/vr/AN8n/GmsJPNT5l7/AMP/ANepNy+o/OmMw81OR0PegBcSf31/75P+NGJP76/98n/Gnbl9R+dG5fUfnQBHIJNnLL94fw+/1p2JP76/98n/ABpJWGzqPvDv7in7l9R+dADcSf31/wC+T/jQRJtPzL/3yf8AGnbl9R+dIWXaeR09aAGRiTy1wy9B/D/9enYk/vr/AN8n/GiNh5S8joO9O3L6j86AG4k/vr/3yf8AGmqJPMf5l7fw/wD16k3L6j86YrDzH5HbvQAuJP76/wDfJ/xoxJ/fX/vk/wCNO3L6j86Ny+o/OgCMiTzV+Zc4P8P096diT++v/fJ/xpCw85OR0Pf6U/cvqPzoAbiT++v/AHyf8abIJNoyy/eH8Pv9ak3L6j86ZIw2jkfeHf3oAXEn99f++T/jRiT++v8A3yf8aduX1H50bl9R+dADGEm0/MvT+7/9ehBJ5a4Zen93/wCvTmZdp5HT1pEYeWvI6DvQAYk/vr/3yf8AGjEn99f++T/jTty+o/OjcvqPzoAjjEmGwy/eP8P/ANenYk/vr/3yf8aSNhhuR9496fuX1H50ANxJ/fX/AL5P+NNAk85vmXO0fw/X3qTcvqPzpgYec3I+6O/1oAXEn99f++T/AI0Yk/vr/wB8n/Gnbl9R+dG5fUfnQBHIJMLll+8P4f8A69OxJ/fX/vk/40kjDC8j7w70/cvqPzoAbiT++v8A3yf8aRxJ5bZZen93/wCvT9y+o/Omuw8tuR0PegBFEm0fMvT+7/8AXpcSf31/75P+NKrLtHI6etLuX1H50ANxJ/fX/vk/402MSbThl+8f4ff61JuX1H50yNhtPI+8e/vQAuJP76/98n/GjEn99f8Avk/41U1m6e00K/ubdwssNvJIh4OCFJHFeUf8LC8R/wDP6n/fhP8ACuLEYynhmlNPU9DCZfVxcXKm1p3PYAJPNb5lzgfw/X3p2JP7y/8AfJ/xrxz/AIWD4jzn7amf+uCf4VLb+P8AxFJcxI16hVnAP7hPX6VzLNqD6P8AD/M7HkmJS3X3v/IwdX/5Dd9/18Sf+hGqdbOq6rKmsXii3syBO4ybVCfvHviqv9ry/wDPtZf+Akf+FfOzUOZ6/gfVU3PkWnTv/wAAoV614B/5E+3/AOukn/oVeaf2vL/z7WX/AICR/wCFel+Es6l4JEcgSITebGTFEq4BJGQMY/SvQy1R9s7Pp/keXm7l9XV11/RkXiP7S2o/8Un5Q8RBAC0ufs4j9LjHOP7uPmz043Vd8M/ZRDOv74anuBvvtWPOL46tjjb/AHdvy46cVTjnh8CwS/2nIv8AYzNvOoy43Qse0x7gno//AAE84LSf2bL4l1CDVLpXsLeAqbVFQCaYBw26XIOFO3hOo+8cNgJ9CfKlb4k/8ivF/wBfaf8AoD15dXrnjqcw+Ho28uJ/9JUYkjDj7rdjXnv28/8APrZf+Aqf4V89mEYuvq+h9XlU5LD2S6sxa1/DP/IYb/r3m/8ARbU/7ef+fWy/8BU/wrS0O+ZtQf8A0e0X9xKcrbID9w+grjpQj7RanfWqTdOWnTuFFWvt8n/PG2/78J/hR9vk/wCeNt/34T/Cum0e5y3n2/Ejs/8Aj+g/66L/ADrldR/5Cl1/12f/ANCNdpa37m8hHk2/Mi9IF9fpXNX+qyrqVyBb2ZxM45tYz3PtWVZR5Fr1NaDn7R6dO5kUVf8A7Xl/59rL/wABI/8ACj+15f8An2sv/ASP/CuW0O/4HZefb8f+AeveHv8AkWdN/wCvWP8A9BFY3iL7Y2pn/hDvIHiIIokafP2UR9hcbeTwTs2/Pn/Y351tOi/tHwdbQSERC5sVRjGi/LuTGQCCO/TGPasxLuDwLbyjVpUTRmcyLqUuN0TseVnPfJ4WTvwrYIDP9hT+Beh8FWv7SXqy74a+xi2nWHzxf7wb/wC2Y+0GTHV8cYwPl2/JgfLwAK3P4B9TXNDS5vEOqQaveo+nxW5X7JCEUTSqHV902QcAlRtj6r94neQI+m3fIOnU9qszMDxN9mMMCjzTqm4mw+zY84PjqM8bf7275cdap+HPtK6gf+Es8k+IihAaHP2cx+lvnnb/AHs/Nnrxtp402TwxfTapbB762nLG7RkBmhBYtuiwBlRnlO/3h8wIdkk0PjuGI6bKv9jK28ahFjfMw7QnsB3f/gI7kMDrIf8AWioNcOnf2TKNZ2m1OAQc5J7bcc7s9Mc5p+nwi1t4LZW3LDGEDEAE4GM8AD8qzNV0CY6wNc09/PvIsYtJ8eU4AwcHGVf0Y5x06GrhsZT3MfTRqK6lCfGm42IkH9lb+i/3ftPbzvQ/d/4Fmu4rlpdeh8Uwz6ToiLJN/qr83CAix9Vde8novTuTjrtaNpMei6eLSGeadQ7PvnYM3J7kAZ/HmrICYxrDIZyoiCkuXxtC9857VwbLr/mf8U58vhL/AJar8wvdvf7L2EfT73zY3bMfJjqPEGgrrixE3DQSW+4xjy1eNiSCPMU8svyjK5GfqARSPjWzsriPS9VjEGusMRaZEQz3P+1CTjchwfmOMAHdtwcYnQa+kmwOk2/9keWLMJiIRDAA9Prnr3zWwn+rX6CuX0fQpbbU5NYvpFS9uQ/m20AHkR7tvC5GSw2DL8biSSAAqrv3tmuo6TPZyO0a3ELRF0AJUMMZGQRnnuCKqG5E9jm/EX25tVf/AIQnyR4gCKLhrjP2Xy+wnxyWwTs2/Nn/AGN2dTwz9hFnKtqJheB83ou8faDLjrJjj6bflx93jFZ63tv4Dt5U1mVY9HaQyR6nIeUdj9yc9yScLJ/FwrfMAXlj0ebXtWh1q/WTT1hK/ZbdVAlkUMG3TZB6kcJ/D1J3HCaGRvXHVa5zxN5BSBYPMOr5JsfIx5gbuTnjZ/ezxiupKhuozXKrpX/CJ3U2pQh76ymybsuoM1uMk7kwBlBnlO3Uc5Bhxu7mikkrFbw3563zf8JP5f8AwkRT5zHnySn/AEwzzs9c/Nnr2rqR9xq52VLfx5DE+nuq6Mp3pqEWPMuG6fuieierd+g4ya6RIFtbOOJORGqoCQMnAx24oUbO4nJNWMvXDp39kyDVwDbkgADO4v8Aw7Mc7s9Mc1zeljUV1SA+NOYhJ/xKicbV9PPxx9o9x8v93ndWtqWiTJrH9uaeRc3SYzaTBRG64AOw4+V8Dhjn0OBgrXl1yHxZbz6VoqpJyYr+WaMEWR7oVPWX0XoPvHsG2MjqF++v1qedoVt5GuSghCEyGQjaFxznPGMVmaPpyaRZJaRSyzKHZt8xDOdzE8nHPXqefUmmeIfDq675EgumgmtgxiDRiSJ2LIw8xOC6ZQZXcM5zkMFZZY0cwEut2Cs3/CCY4jIPn5/n9jx2+/n/AKY8V30DRNbxtbFDCVBjMeNpXHGMcYxXO/8ACXZuP7I+xf8AFSbN39mGX5duced5mP8AUZ/5abc/w7d/yVc8PeHV0FZm+1NPLcBTKBGI4kYMzHy0HKLlzhcnGOpJZmQzZrh9VGuNqc7fDg2SsX/4mBvwxti3fy9vPnep+7/e5xXVavpUes6ebSaaaBS6vvgYK42nPBIOOnUc+hFYS+IbDwVZw6d4ouLewhT93Z3e0JHdDsuB92T1Xoeo6kKAaXhr7ALGRbISi4D/AOli5/1/m9zJ7+mOMdOK2a5qDRptZ1iLW9QV7Dyiv2e2QLvZQc5mJByT2Ufd9cnjpaAOe8UeUfIWy3f24Mmx8nG4HuXzx5f97PbpziofDHmreSDxHs/4SQp+/K/6op/0wzz5Xt97P3uaZHp58GzTX6F7zT5Rm7kkUGa2xzuBAGYx3XHy9RkZAbPHH49iiltJfK0ZAWhvoseZcsRjMZIO2Pnk/wAfT7o+YA6yszxAdN/slxrAJhZgECZ8wyfw+Xt+bfnpt5rRijEUKRgkhFCgnviuf1DQp7fWzr+m5u7pT81lMVCum1VPltgbJMLkMTg8qSBhkAMzSBqS6tbnx0QW8zGkEY8tR0HnY+X7VjgkfJ/zzx8+e1rlZtYt/GdrPpWhbZYixh1G5ljyLIj70exhzOP7pGE+82cKj72laamk6ctnFNNMiu7B5m3OdzluT3+9jJ5PUknJIBPdGBbSU3hjFuEPmmTG3bjnOe2K4RUuxIPtKzf8IR/yzRgfPB/2+/2X0H3s9f3eBXS+IPDo1p4J0uWhntlJiRkDwu25WHmL1ZcoOMjrnghSKp8WedMdIisx/wAJDsy+nPJ8qL080vjmHP8AFjJ6bd3y0AdFEY2hQwFTEVBQp90jHGMdqfWP4f8ADyaDHNi5eeSfBk+RURSCSQij7q/McLk4+uSbOs6RHren/ZJp5oF3h98DANx7kHH4UActqI1FtSmbwWWFgXP9q+Xj5j3+zZ4871P3cf7WK6nRDpx0mEaNtFqBhQvUHvuzzuz1zzmsWLXofC8MGka2ixzn91YfZo8C+9FRe0nqvTuDjpZ0rQJl1c63qD+TeTbi1pBjykBAABOMs+By3GfpQBs3H3h9K5DxH9qbUf8AikvJHiIIAWmz9nEfpcbecdduPmz0+XdXVajCLq1lt2Yqs0bIWABIyMZGQR+Yrlo54fAkEp1OVBozN5h1GXG6Fj/DMe4J+6//AAE84LV0JLvhn7MIJ1/fDUtwN99qx5xfHVscbf7u35cdOK6GDPOCB0zkVyv9myeJdQg1W6V7C3gKm1jVAJZlDh90uQcKSoxH2+8fmICdXA3XOBQ9gJqKKKkoKKKKACiiigAooooAKKKKAMHxTYy3raQYghW31KKaXe4XCDOep569BzXM3nhjVTpepwTxxbYQttpuZlGYjJvOSTgfwrj/AGK1PiLYrqWn6TZyEhZ9TiTIOCMhuawPFuoy694XtI3+9aRLcXgHaYOIwv8A31vP/ARRH9f0X6Df6fq/1NHxDoGs6kur24sprlrhgbVxdLHbqu0D5lzkvkH+EjpyK17XSb46hf3Ett5a3GmxQIGdSd4DZXg+456VneIvE19YtqElhdSu1jtxBb2m+MDAJ82RlAU89FbOMdSatXWo6xd6zfQ2d+tpBbWEdyqiFWJcgnBJB44+tTpb+uzD+vxRSstH1vSbeRI9M+0tc6alv8k6KIpFBGGyenPVc0y10PV7SxvIY1iiu5bO3jjQyplig+YDng+h6Vo6R4jvtQjvJJmRfL06O4RVXhXKkk/TisLS7q4Oo6hrl5fRm4SxgdWnhXYhYdtqlvoB1qnu/wCu4Lb+vIv23h3UZtauZWsbm2t7vT2tjNdXSyyq57thjxzxgn8K0Y49Zk8MtoraP5TCzeBrh7iMRk7CFKAEscn+8FxVOy8UX0GpX0U7XN1BDYG6ja7tRbszDOQFwDt+oH41NdJrV14NuNQk1nAmsZJXhS3TC5TICN1Hpk5/ClL4X/Xf/ghH4l/Xb/gCWdrrFle2V+mkyS/8S4WjxCeING6sSGJ3YKHPUZPHSk8JaBqWmXlvLqFusWzTEgbEitiQSOxHB9GHNWPDl7eRXtnp01yZ4RpaT5dFDbixHYDsBVLw/resa1qFnHLfCKI2C3UoSFcyN5jrjkcAhe3NVLd/P/27/gkr4fu/S36E/h/Q761Hhl5ol22NnPHORIrbWbZtxg89D0qjb2V14f8AEMV/NFHK8lxfD7KJ41kaKSUOsibmCnoMgkHB9sVNpeq6rqFr4Zt7e7jtBf2s0tw8cC5+TZjaCMD73pio7XUr7xDe22iXj2/mRSXZmumtkcuIZBGu1WBUE7gTx2460a82m+v56lP4df67Gfa6dcazDd3FxbRRwyeIEmkQzLtEaooPzcAnscZ5zjPWu0t9K0iJJ20qG3M7RMoZH3EZHrniuJvru8ltRZajHHqAsNfht4ooIUTem0EDaSFzz3IFbzafcS6xa6hY6K2iR2SSNK0hhDTZUgIFiZgRnnJx04qdOXy/+1Qvtf13Y5dD1C20LQJI7fzbrSiGktRIo3/KVIDHjIzkZOPeq994f1XU57zVBarbzNNBJDZyyKWdY+fmKkqCc8cn60601fV5NH0bzL/N3rDAeb5KbYAFJO0Y5JA755ovfEWqabcXelmaO4uFmhjhunQDaJOPmUYBIx7VTvzed/x0DoWdcs9V8RaeoGmS2RtZkmjjkukWSYjqAUJC+x3fgKhTQ5Ln7bPPoN1KXgWIJqGphpJRnJACl1XHUHcOfTrU+uX+qeHdOBfUGvWuZ0hic2m54s9TtQfN7DbVZNZ17ZfQWEN7f7IVkhnubBrds5wygMqhjjkflS9P60Dt/XUWPStTlivYpdOuptNeFFWw1C9RpC4PJR1LbeMYyRyO3WlRPEenw38+mWd2Y/JRbe11G6jkZXz8zg7yNoGOC3JHakTWdSezvU0y+uL2+iiR/sd3YeROgJ+ZlBChuM4GMZHWp7Oa31qG+0/U9VuJ4RErTQXdqbSWMdck4XKnHp680AJoUD+TeeVp876hcRnzb6/eCRJHxwrCORiF5+6BjFTiC+1TU9H8+wOmHTXM0mZIyJP3bJtjCMTty2fmA4A49Mywezg1q68Q6da/YtDs7No3kjTH2xgQdyqOoUDAbvnjiqPh7U4bv4lR3tzqMElzfaa+IEmDLB+8XbEMdwoyfU5prVpf11sJ6J/12uejEA9Rmk2L/dH5UNux8pA+opuJP7y/98//AF6QxGVfMT5R1Pb2p+xf7o/Ko2Em9PmXqf4fb607En95f++f/r0AO2L/AHR+VMlVfLPyjt2pcSf3l/75/wDr02USeWcsv/fP/wBegCTYv90flRsX+6PypuJP7y/98/8A16MSf3l/75/+vQA7Yv8AdH5UyJV8lPlHQdqXEn95f++f/r02ISeUuGXGP7v/ANegCTYv90flRsX+6PypuJP7y/8AfP8A9ejEn95f++f/AK9ACBV85vlHQdvrT9i/3R+VRgSec3zLnA/h+vvTsSf3l/75/wDr0AO2L/dH5UxlXzE+Ud+1LiT+8v8A3z/9emsJPMT5l7/w/wD16AJNi/3R+VGxf7o/Km4k/vL/AN8//XoxJ/eX/vn/AOvQAkqr5f3R1Hb3p+xf7o/Ko5BJs5Zeo/h9/rTsSf3l/wC+f/r0AO2L/dH5UbF/uj8qbiT+8v8A3z/9ejEn95f++f8A69ACRKvkp8o+6O1P2L/dH5VHEJPJTDLjaP4f/r07En95f++f/r0AO2L/AHR+VMjVcv8AKPvelLiT+8v/AHz/APXpqCTL4Zfvf3f/AK9AEmxf7o/KjYv90flTcSf3l/75/wDr0Yk/vL/3z/8AXoARlXzU+UdD2p+xf7o/Ko2Enmp8y9/4f/r07En95f8Avn/69ADti/3R+VMlVdn3R94dvcUuJP7y/wDfP/16bIJNnLL94fw+/wBaAJNi/wB0flRsX+6PypuJP7y/98//AF6MSf3l/wC+f/r0AKUXB+UflTY1Xyk+UfdHalIkwfmX/vn/AOvTYxJ5SYZfuj+H/wCvQBJsX+6Pyo2L/dH5U3En95f++f8A69GJP7y/98//AF6AEjVfm+UfePan7F/uj8qjQSfNhl+8f4f/AK9OxJ/eX/vn/wCvQA7Yv90flTAq+cflH3R29zS4k/vL/wB8/wD16aBJ5x+Zc7R/D9fegCTYv90flRsX+6PypuJP7y/98/8A16MSf3l/75/+vQAkirtHyj7w7e9P2L/dH5VHIJNoyy/eH8Pv9adiT+8v/fP/ANegB2xf7o/KkZF2n5R09KTEn95f++f/AK9Iwk2n5l6f3f8A69ACoi+WvyjoO1O2L/dH5UxBJ5a4Zeg/h/8Ar0uJP7y/98//AF6AHbF/uj8qZGq4b5R949qXEn95f++f/r02MSYbDL94/wAP/wBegCTYv90flRsX+6PypuJP7y/98/8A16MSf3l/75/+vQAgVfOb5R90dvrT9i/3R+VRgSec3zLnaP4fr707En95f++f/r0AO2L/AHR+VMZV8xPlHU9valxJ/eX/AL5/+vTWEm9PmXqf4fb60ASbF/uj8qNi/wB0flTcSf3l/wC+f/r0Yk/vL/3z/wDXoAHRfLb5R0PalVF2D5R09Ka4k8tssvT+7/8AXoUSbR8y9P7v/wBegB+xf7o/KjYv90flTcSf3l/75/8Ar0Yk/vL/AN8//XoASNV2n5R949ven7F/uj8qjjEm04ZfvH+H3+tOxJ/eX/vn/wCvQA7Yv90flTAq+c3yjoO31pcSf3l/75/+vTQJPNb5lzgfw/X3oAk2L/dH5UbF/uj8qbiT+8v/AHz/APXoxJ/eX/vn/wCvQAjKvmJ8o79qfsX+6PyqNhJ5ifMvf+H/AOvTsSf3l/75/wDr0AO2L/dH5UyVV8v7o6jt70uJP7y/98//AF6bIJNnLL1H8Pv9aAJNi/3R+VGxf7o/Km4k/vL/AN8//XoxJ/eX/vn/AOvQA7Yv90flTIlXZ90fePb3NLiT+8v/AHz/APXpsYk2cMv3j/D7/WgCTYv90flRsX+6PypuJP7y/wDfP/16MSf3l/75/wDr0AIqr5r/ACjoO1P2L/dH5VGok8xvmXoP4f8A69OxJ/eX/vn/AOvQA7Yv90flTGVfNT5R0PalxJ/eX/vn/wCvTWEnmp8y9/4f/r0ASbF/uj8qNi/3R+VNxJ/eX/vn/wCvRiT+8v8A3z/9egBJVXZ90feHb3FP2L/dH5VHIJNnLL94fw+/1p2JP7y/98//AF6AHbF/uj8qQou0/KOnpSYk/vL/AN8//XoIk2n5l/75/wDr0AEar5a/KOg7U7Yv90flTIxJ5a4Zeg/h/wDr0uJP7y/98/8A16AHbF/uj8qYqr5j/KO3alxJ/eX/AL5/+vTVEnmP8y9v4f8A69AEmxf7o/KjYv8AdH5U3En95f8Avn/69GJP7y/98/8A16AEKr5yfKOh7fSn7F/uj8qjIk81fmXOD/D9PenYk/vL/wB8/wD16AHbF/uj8qZIq7R8o+8O3vS4k/vL/wB8/wD16bIJNoyy/eH8Pv8AWgCTYv8AdH5UbF/uj8qbiT+8v/fP/wBejEn95f8Avn/69ACsi7T8o6elIiL5a/KOg7UjCTafmXp/d/8Ar0IJPLXDL0/u/wD16AH7F/uj8qNi/wB0flTcSf3l/wC+f/r0Yk/vL/3z/wDXoASNVw3yj7x7U/Yv90flUcYkw2GX7x/h/wDr07En95f++f8A69ADti/3R+VMCr5zfKPujt9aXEn95f8Avn/69NAk85vmXO0fw/X3oAk2L/dH5UbF/uj8qbiT+8v/AHz/APXoxJ/eX/vn/wCvQAkirhflH3h2p+xf7o/Ko5BJhcsv3h/D/wDXp2JP7y/98/8A16AHbF/uj8qa6L5bfKOh7UYk/vL/AN8//XpHEnltll6f3f8A69ADlRdo+UdPSl2L/dH5UxRJtHzL0/u//Xp67v4iD9BigCja6nbXV/cWLRvBdQHJimUAumeJFwSGU+o6dDggipp5rews5bm9kjhgiDO8jkAKvqTWb4n+xLZRSXBnF6r4sTaAG4Mp/hjB4OcchvlwCWwASMXSDrMmrW6fEZbJLrdu05bAubN2HPJfnzxycHjHKZIfABvXfmaz4Vu/s9nNBLdW8qRRXChHOQQpIz8uRg4OCAcMAcgeSX3hHXNNeD7ZY+XFM/liYzR7EY9Ax3fLnoCeM8ZyQD7lUVykElrKl2sbQMhEgkA2lcc5zxjFcWIwdPENOd9D0MJmFXCRcaaWvc8dPw/8SAZNioH/AF3j/wAag0jwnreoT+da2Je3hmC+f5qbHIPO07vmA6ZHGeBnBrrlluzIBcPL/wAIQTiOYk+cfTcev2X0b73c/u/mrvYljSFFgCrEqgIEGFAxxjHauZZTQXV/h/kdjzvEvovuf+Z47r3g/XoLi9v/AOznlg855CY5EYhCxO7Gc8Dnjn2qKDwLr91bpPb2kcsUihkdLiMhh6j5q9qrhtSbUYtSnTwYGaxVydUEYzsPf7N2M3cj7uP9rApvKqDd7v8Ar5CjneJirWX3P/M4aPwjrk2pyWMFj5ssK5mZJkKxZ6And1Pp1r0nwzY3Gg+F0h1OMxyxGR2RCHYjJPAXOT7CtrRF04aRCdHKtasCQwJJY9y2ed2euec0t/8A6xfpW+Hy+lRnzRbObFZpXxEOSaVr3/rUw4dPk1qUXmvRosAObfTnIZYx/ek7M59Oi9Bk5YrDFcaBcxxW++70mVgixqd0lmxOBju0R/NPdc7NCiu/2SPN9qyh4s0u71nRUt9OjWaVZ1cjeBgbWHc+4rgLbwzrFzf3FkLIxXVvgvDJKgYofuuvzYZT6jvkHBBA9a0/rJ+FUPFH2NbSCSQzDUVcrp/2QKbhpSPuoDwQQPmDfJtBLYAJHBXwFKrPmk2elh8zrUIckUrf15nm2oeF9X0u1NxeWoVdwVVWRWZ2PAVVByzE9AOa1tF8Ia5Bcedc2PkhoHG1poyVZkIAOGI6nHHFdH4b+2Sap/xWQgHiJEJjSAk2oi6FrfdyeuHLfODx9woT1lZRyyjF3Tf9fI2lnGIkmml+P+Z5bLo2owanFY3FqYpJxmF3kTZKe6g5+8OuDjPbODi4fCmsKpLWygDkkypx+tdxrK6e2kz/ANsGMWijLs5xtx0IPUHPTHOa42OTxA0qDxZsTwsxAhcbhdEfw/ax0VT/ALPPTfjmq/s+l3f9fIn+1a/Zfj/mUtG0jUNQnFxbWjG2imAE5dQsmDyV5yQPXGD2zWFrfhPXLSS6vXsC8HmszNHKjFVJ+8Ruzgd69ojVFiVYgojCgKFHAHbHtVU/eP1qKmX0Wkm3/XyNKWa1020l/XzPIIfA+u3EKSwW0UkbjcrrcRkEev3qrReFdauNSlsrey82SAZmdZo9kZPRS2773fA5A64yM9hfNfxX0yeEA50pXP8AaXlDLIe4tR0L/wB4dB/D8/FdVo62C6TB/ZBRrQjKMhzuz1JPXOeuec1j/ZdDu/6+Rv8A2ziey+5/5jNPVtK8OWyXikSW1qvmJGN7ZVeQAuSx46DOapwaa+sSi98Qxx+XybfTXZWSEf3pOoeQjr1Vc4XOC7atx/rvwH8qir2IUYqKR4E60nJtlCCO40G6it4d93pMzBEAO+WyYnAHq0R9esfuhzHuFl2D5l6nuKpU8/6lf94/0q/ZIn2rMyWK41+5kjuQ1rpMTFTGx2yXjA4Oe6xD839l++k1hJokpvNBjRoCc3GnIQocf3ouyuPTo3Q4OCNGij2SD2rLtnMs4jkTIDqGCsNrDI7g8g+xrH1TWbm48RL4eto59PEkYdtSlQBJB3jgP8UnrnG0cjPbSsv+PkfQ07W1046TKdYKrar8xYkgqexXHO7PTHOaXKo6BzOWrM680K10i0N/o8kWnXFqhZpJT+7nUckTHqc/3uSOvPQ3vD2str2jpfPp15pxZmXyLxAr8HG4YJyp6g8ZHYVzWmtqMupQJ4zDLZM4OlhxgP8A3ftPYTdwPu/8CyK7igDH1WW/hWODTLTzrq4JCO4PlQgdXcjsM8KOWPHAywqL4Qsnt3F7G13dyHc97IQJt395WH3MY4C4Aro6KjlRfOzC006nBdNp2pxvOUUvBfoo2zoMDDgcJIM8jow+Zf4lTWnuUtLR5ZA7CJCzJGhdjgZwFHJPsOtT1Wm/1pofu6oa97RmTBpjaxIL3xJFGRz9n01iHjt19X7PIR1PKrnaucF2dbC50K8itU8y80qZgkRGWks2PRT3aL36p3ypymjRU87H7NFsEHoc1ytnfP4wvrm2u4LjTrKzkKSWFyuye6IPDsATiI44wfm74Aweng/1f41ieKPIWOCSDzBrGStgIMeYzdwc8bP72eAOa0WqM2rMq6w48Gx/2hpcLTW0jhZNIt1BeZj3gX+//s8A+oPNdCJvPsY5mR4fMVW2SjayZGcEdiK57wz58l+58UeWPEaJ86Rk+Ssfrb55KepPzZ69q6G+/wCPb8RQ3ZXHFXdjEv5b2/vDp1izWkCgG5vTwcHokXqx7t0Xtk/dhl0CKxVbjw6YbS8iXG1mxHcj+7LjJ5/v8sDzyMqb9FYe3fY6Pq8e5Npt79tto5nhktZC214ZsBkYHBHHBGehGQeoOKbqurSwiK20pY5bu4JCyygmG3UYy8hBGcZ4QEFjxlRudUh/1yf7w/nWeeppSru2xUMNFu1yT+wNL+z7heyf2lu8z+1Ny/aPMxjOcY29tmNmONuKu6Vq8syy22qrHFd25AaWLPkzg5w6E9M45QklTxlhtds2io+sS7Gv1SPc1de1k6JosmoR6fealsKgQWMYeRsnGcEjgZyT2GetUtO0e11e2TUtaNrqk1ygK7RvghU/wxZ/ViAWPPHCjct/+PWL/cH8q4zVDrkeqTp8Ols3YPnUFviwtlY/88yv/LY9SPu/3sEjPWtUee9HYvrqM3h3XrTRFjudTtbs4i8kb5bEespJ/wBV6N1B4wRyOorG8NCwNg8lkZWuGf8A0s3IxP5o6iQdiOwHGOnFbNMRylhet4yup0vYLjT7K0k2tpt0uyecg8PIATiM9VAJ3dT6UaxMPBaC+0yCS5tJn2vo9soMkjf3rdeBu9U4BGTkEfNa8UeWnkPZbv7cOVsRDjcx7h+3lf3s9B05xUPhjzXvJW8R7B4jRMTKv+rVD0MGeTGfX72fvcjFAHRpMrQJK4aIMoO1+Cuex96x7+5utSvm06ykeytUA+1Xv3XbIyI4ffH3pP4ei5Ykpp33/Hv/AMCFZ1YzqOLsb06SkrkE2iwaeq3Phg29ndxJtMLMVhu1H8EuASD6SAFlJzhhlW1tP1GO/s45/KltnbIaCdQroQSCDgkHkHkEgjkEgg1QqW2/14+h/lSjVbdipUUk3cdqt9doYrTSoQ91cZxPKp8m3UYy7nuRnhByx7qNzLU/4RixW3Dw3EqakG8z+0iQZy/qTjBXtsxtxxitKiumxy3ItKv7meOSDU4BBdwEK7xg+VMOzoT2PdTyp45GGMmpakLC0aSKCS6myFjhi6sx6ZPRR6k8Clqrcf69qzqS5FdGlOPO7MqR6Fa3sbz+IZIr29lHLKcLbj+7F3XH97qevHQT6deXdnef2dqLG6j2lre/UffUfwy4+649ejexyKKKw9szo9gu5eu7iOOJpidyohYhBuY49AOSfYVhQ6fJrUovNfjRYQc2+nOwZYx/ek7M5HbkL0GeWOk/+rj+h/nTKr2zRPsE+pQijn0C5jitw13pMrBFRTuks2JwMd2iP5p7qTs6K32tuwVbp0OazKuafnL4x2zn8acark7EzoqMbl6iiitjAKKKKACiiigAooooAKKKKAOT+IN5JYabplzb2iXc8eoxtFG7EfMAx4x3/SsjxYdL0nw/Jc6ZaLcNrs0c0oeRsFB8xYYPA5/Nq6bxPp9xqDaR9njDrb6lFNLlgNqDOTyeevQc1zF34X1iXS9St5LdWFuottNHmr80Rk3k8nA4Crz/AHaI/r/l+thv9P8AP8jT1m38Lrc3kOpT3apcFWu44hK0CsQAC5UFUOAOpHSrU974c0fULiGeedrlrREmCRSzEQjIDHapwOvzVkeIdC1vUU1e3WyuJvtDA2zR3MccG3aB84yGLZB6gjpzWva6VfHUdQuJbQxrcabFAgZ1J3gNleCfUc9KXT+u39IP6/FEa6T4auldLa4mCwWSiXyZXAeAglckfe79OaxrO40a71a9sYFaLSVs4vMmmt5wXVRlSHOAuOME5z2qzY6Trek28qJpTXJudNS3+SeMCKRQRhssOOeq5ptpoWtWunXscduiXElnbxxq0iHcyj5gOcZ9CeKfV/13Dp/Xkaek2/h651SWeGe8kvI7crL9uEqM8R9RIBuX3HFZ8134atNNuWgm1G5hjtpfJt3S48l128iM7drD3BOBzTbfw/qc+tXMr2V3BBdae9sZru5jkkVz6hWIA54xn3xWlFHq8nhd9FbRnhcWTwGdp4/LJ2EDbhixyfULilL4X6f5/wBfMI7r+u39fIh0ey0XVILBUlvYbtLLIUmWN/JJ+6SwGVyDin6PceF9PurOPSZZ3mktFjhVIZZD5O9sE4Xgbi2ScY79qjsrbWLK+sr4aPNJ/wAS4WkkQmiDRurEgk78FTnqCTx0pvhHQdT028tpdQtRDs0xIGPmK2JPMdivB9COelVLd/P9f6+ZK+H7v0/r5Emn3Xh3TLHQZftDyOtvKlh5EEzGVTt34QAsT93g89T61R1N9LS2sb7RGSbz7m4kQK86XJkckyBQiO/BzuUpx7Yq5oGh6haHwwbm3Cixs545zvU7GbZtHB5zg9M1Ts9PvdD8RRX0lukzvPfgWa3ESymOSYOsiBmAPQAjII3fhSfxff8An+v/AASuhm2f2NNJhbTZ4bq6n16MyGRZStvKVAwd21nIxznHJPA6V1lzqmoadqlpY6ybS4t78OnmW0bxtGQpPILNkYB9MVy9ppl1ra3krWgSNvEKTSosyjaiooY7gQCR0O0nnPWu1j0TTbdZpLGBWuDEyK7Sl2GR0BYnFJ/D/XZC6/13ZlC78M3PhiBUluBYWxQW0whmVy38Plnblz/u5pY4/DEmi30k0ztGZAbqS6DrOrj7uQwDg+gx9KiTRNRttC8PulsZLnSyGltFkUF/lIIBJ25Gc9ce9V7/AEDVdTubzVBZiCRpoJIrOWRdziMkncVJUE545NU93/XbUC0reHJdNvDd3d6ypsMhvRMkqf3SquA30wOafbSeH2sr6STUL47FUTG8aaOWMfw4VgGGe2BzRrtrqniHT0C6ZcWRtZ45kjkuYxJLjqBtLKPYk/lUC6HJdm9uLvR7+VngWIJfX8ZeQA5wuwkDB5BJHPpSAfC/hsx3c095fCURKHkvVmimVM/LsDqGIz0wDk1Wu7HTNW0vUINOjv8AUNQkjRTFevLbyFN3HMgU7Ack464IqWPTNUnhvYbmwvZ9NaFAlpfXUfmlweqOjEDAxjJHI7dadGfEthDfTafZXkyeUi21tqFxCziTPzNkPjaBjgtkkUMER6W+paL4hGmX0jX8j2LT26QzsB8pA2FXJAySAGyB1qe0uLpPG1gdWht2vruxkQLas2bVQVYq+SQwJwNwxyOnPEmhW11ALqYabdf2rPGS99fSQsjMPupiORiq5PQCmxWl3qevadfDTP7LmtnZ72YSRn7QChXYNjEsMkHLAYwO9Pqv67/1/wAOLo/67HV0ZHrSEBvvAH60nlp/cX8qQxHI8xOe5/lT8j1qNkTenyr1Pb2p3lp/cX8qAHZHrTJSPLPPpS+Wn9xfypkqIIzhV7dqAJcj1oyPWm+Wn9xfyo8tP7i/lQA7I9aZER5Kc9hS+Wn9xfypsSIYVyq9PSgCTI9aMj1pvlp/cX8qPLT+4v5UAICPOfn+Ef1p+R61EETzm+Veg7fWn+Wn9xfyoAdketMYjzE59aXy0/uL+VMZE8xPlXv2oAlyPWjI9ab5af3F/Kjy0/uL+VACSkeX17j+dPyPWo5UQJwq9R296d5af3F/KgB2R60ZHrTfLT+4v5UeWn9xfyoASIjyU5/hH8qfketRxIhhTKr90dqd5af3F/KgB2R60yMjL8/xUvlp/cX8qZGiZf5V+96UAS5HrRketN8tP7i/lR5af3F/KgBGI81Oexp+R61EyJ5qfKvftT/LT+4v5UAOyPWmSkbOv8Q/mKXy0/uL+VMlRAnCr94dvegCXI9aMj1pvlp/cX8qPLT+4v5UAKSMHmmxEeSnP8IpTGmD8i/lTY0QxJlV+6O1AEmR60ZHrTfLT+4v5UeWn9xfyoASMj5uf4jT8j1qONE+b5V+8e1O8tP7i/lQA7I9aYCPPPP8I/maXy0/uL+VMCJ5x+Vfujt9aAJcj1oyPWm+Wn9xfyo8tP7i/lQAkhG0c/xD+dPyPWo5EQKPlX7w7e9O8tP7i/lQA7I9aaxG089qPLT+4v5UjRptPyL09KAFjI8teewp2R61GkaeWvyr0HaneWn9xfyoAdketMjIw3P8RpfLT+4v5UyNEIb5V+8e1AEuR60ZHrTfLT+4v5UeWn9xfyoAQEec3P8ACP5mn5HrUYRPOb5V+6O31p3lp/cX8qAHZHrTHI8xOe5/lS+Wn9xfyprIm9PlXqe3tQBJketGR603y0/uL+VHlp/cX8qAByPLbnsaFI2DntSPGnlt8q9D2oWNNg+RenpQA/I9aMj1pvlp/cX8qPLT+4v5UAJERtPP8R/nT8j1qKNEKnKr949ven+Wn9xfyoAdketMBHnNz2H9aXy0/uL+VNCJ5zfKvQdvrQBJketGR603y0/uL+VHlp/cX8qAEYjzE59afketRMieYnyr37U/y0/uL+VADsj1pkpHl9e4/nS+Wn9xfypsqIE4Veo7e9AEmR60ZHrTfLT+4v5UeWn9xfyoAdketMiI2df4j/M0vlp/cX8qZEiFOVX7x7e9AEuR60ZHrTfLT+4v5UeWn9xfyoARSPNfnsKfketRqiea/wAq9B2p3lp/cX8qAHZHrTGI81OexpfLT+4v5UxkTzU+Ve/agCXI9aMj1pvlp/cX8qPLT+4v5UAJKRs6/wAQ/mKfketRSogThV+8O3vT/LT+4v5UAOyPWkJG089qTy0/uL+VIY02n5F6elABGR5S8/win5HrUccaeWvyr0HaneWn9xfyoAdketMUjzH59KXy0/uL+VNVE8x/lXt2oAkyPWjI9ab5af3F/Kjy0/uL+VACMR5yc9j/AEp+R61EUTzl+Veh7fSn+Wn9xfyoAdketMlI2jn+IfzpfLT+4v5UyRECjCr94dvegCXI9aMj1pvlp/cX8qPLT+4v5UADEbTz2oQjy157CkaNNp+RenpQkaeWvyr0HagB+R60ZHrTfLT+4v5UeWn9xfyoASMjDc/xGn5HrUUaIQ3yr949qf5af3F/KgB2R60wEec3P8I/maXy0/uL+VNCJ5zfKv3R2+tAEmR60ZHrTfLT+4v5VC9zZROUkmgRh1VmUEUm0txpN7EshGF5/iFPyPWqb3diQMXFt1Gf3i077Zp//Pzbf99rS5o9yvZz7FTVr+e0kjEDABgScjNZ51q8IwXX/vkVZ1iM3SpLYhJ1VW4jkQbj6DJAzWNpwOp2ontgMAlXjd1V42HVWUnIIriq+153y3selRVBU0p2v5mh/bV4P41/75FXtN1C4ufN81gduMYGPWsC+LWMsELxmW4uH2RQROrO3q3XhQOSxwBwOpAO5pdrLB5vmhRnGMOD6+hp0fa865r2FiPYezfJa4+2sFg1Ka/lka4upcqskmP3UeeEQdAOnuepzVi8hi1Czktb2JZoZBhkYde4PsQcEHqCM1JsPt/30KNh9v8AvoV6Oh5JFp8c1pZpby3Ul0YwQJZsFyMnAJHUgYGepxk81BqNguqSQi8kZ7WMlnteNkzcY39yBz8vQ55BxV1VOe3Q9x6Umw+3/fQo0AcZWZSGwQRggjrVLTLEaV5sVrK4tnYGO3OCsPqF7gH06Dtirew+3/fQpQhz2/76FGgEGowyX1q1sLmS3ViA7RYDFe657Z6ZHNPtkjsrWO3tY0ihjG1EUYAFSMp3Hp19RSbD7f8AfQo0Apx2C2+rPfWsjw+cD58K42St2Yjs3uOversmHClwCcdxSbD7f99CnFTtXp+Yo0Aj2p/cX8qNqf3F/KnbD7f99CjYfb/voUAKh8tSUAHI6CqVpYLbahcX8sjXF3MSvnS4zHHnIjQdFUcdOpGTk1d2nYenUdxSbD7f99CgCtqVnFqlsIbkEFW3xSodrxOOjK3Y/wD6ulWbd5kgRJZTM6oA0hUAuQOuBwM+1Gw+3/fQpVU5PToe4o0ApTWC3WqR3t1I0wgAMEDAbI3/AL+O7e56dqutIXQo4VlYYIIyCKTYfb/voUbD7f8AfQo0AqaZZDS1kht5pDbM2Y4G5WH1Cnrj27dqi1zSxrNibVriW2G/d5kBw3GeM/jWiFO4dOvqKqaldSWNuZIbaS6ldwkcUQzuY9Mnoq+rHgfXAKsh3Zhw+IIPD0MelavAkF0o2WUVsnF+OwiX+9/eU/d6k7fmqfSNEni1V9YvXEFxPuL2UBzDHux+bfLy3GSelOXwwl8puNeZLm+blZEbaLX0EXdcevU9/SrGnS39td/2dqaNMdpaC9RfklUY4fHCOMjrw3UdwCyC7NV1UtkqpOB2pu1P7i/lS3Aljt3lihedkQlY4yoZyB90biBk9OSB71Bp93Dqlkl1ZMXibIwwKsjA4KspwVYEEFSAQQQaYiban9xfyqOYhEXCr1Pb6VFeX0dnd2toUea6unxHBFgttGN0h5GEUEZY8ZKqMsyqbM1vK6rtXOCc8j2o0E1oVvM/2V/KjzP9lfyqrY3Ivri5t1jeG5tX2ywS4DgH7rjnBVgMhhkdR1DAP1GZdKszc3mVXIVVX5nkY8BVUcsxPAAqtCbMuW8h83gKOD0FY+q6RdHV11qyf7TcQ4K2UxAjbAxlT/C/PDGte0hm2LJLC0JZMlHZSUJHQ4JGfoSKxNR1i5uPEX/CO2aTWMjRiRr+ZAI3U9UhJ4eQdx/COeaxne+hvTtbUZceIYvE1vJpWjok8rjZe+enFj6rIv8Az09E/HpjOzoti2kWItBdTXI3lvMnOWOT3NZdx4fg0e3N9o0kNjcQqWmkmkAjuAOT5x7n/b6j6cVd8Oaz/wAJBpMd+LG7sAzsvlXkflucHG4Dup6g9xzWfvGnumqZnz1/Sjzn9f0qlqF9Hpstv9rSRIZ38v7RgeXGx+6HOfl3HgHGM8EgkA3fKf0/Wl7w/dDzn9f0pHbLc46Dt7VTiv47jVptPt0eZ7dN1xKgHlwscbY2bP3yDu2jJAwWxuTdZu2eCCSVIXneNNwhjZQzkD7o3EDJ9yB70e8L3R272H5UbvYflVewvbfU7KO7sZRJDJnBPyspBwVZTgqwIIKkAggggEVHd6jDa3ttZ4aa6uW+SGIgsqD70jc/Kg7k9yAMkgEsx3iWZZ3iVdmBnOeKzbG2+x3M108rXF3OfnnlA3Bc8IOwUeg+taM0TuF24OM/xCovs8noP++hXRG3Lqc0r8zsVdSgGpwqsrGOWJt0M8fDxN6qf6dDVtZ5WtdszCRlABYqBuPrxSfZ5PQf99Cl8l1ifO0Zx/EKVS3K7Dp351cj8z/YT8qPM/2E/Kjym9U/77H+NHlN6p/32P8AGuHU9H3R0UmZk+VfvDtVEzcn93H/AN81fiiYTIcr94fxj/GqhsLjJ+Qf99r/AI0pKVtC4OCbuyPzv+mcf/fNHnf9M4/++ak+wXH9wf8Afa/40fYLj+4P++1/xqLT7GvNT7ou6hpo1jR0tWuJrYNsfzIDtYYIPB7VkQa7YeELWPTPEtxa6ZHGNtrdORHFdj0GekvqnVvvDPIXT1rWf+Ed8PG/fT73UPKCKYLGHzZDkgZwOw6k9gCaqWmhWutwJqGvraaq86holGJbeFTyPLz1P+31PbA4r0FseRLcit9JuNZ1iLXLpZNNCFfJtlGJJUByDN7+i9V785A6GV2RhtrnBqk3hzW7LRZEudTgvG227Qr5ktovrN/0yHQOehwDnOa6KcZYYx07mlLYcd9Tk4raTwhcy37u97Yyj/SZ3XdLbAdxjrGO4H3evIzhLo/8JwI3sZhFpcWTFqMP352IwfKP/PP1b+LtwMltheN40knWeGewsLaQxy2F0vlXEzA9ZFzlYz1A/iHPTijVZB4Itze2EDz6ezbTpVqoaUsf+fdB1PcoOMAkYwcxdmlkdMxKWaoTv2bVyR14qv5n+wn5VMzebZLIR5e8K22QhSMjofQ1X2/7cf8A38X/ABrGd7m9NKw7zP8AYT8qltX3XCgqvOeg9qg2/wC3H/38X/Gp7RcXSfMh68Bwe31pRvzIqduViappT3RiubCc217b58pzkxsDjKOvdTge46gis3/hKY5G/s2Gy/4qHGG0xn/1Y/56l8f6n0kxz93G/wCQT+IvEMuk3ljp9taSmfUSyR30kZ+yWzAgDzX7Ft2EX+NvlyM5oPhS2SP7RFPIurA7zqZwZWb0PYp/sfd/Hmuw4C7pelGySSS6na6u5yGmlPC5HQKucKo7Dr6kmm3D7bhxtXg9xVbw34hfWzeQTWcsUtjIInuVQ/ZrluctC/8AEARg/wB05XnGatXEbG4cgr17uBWVW9jajbm1IvM/2E/KjzP9hPyo8pvVP++x/jR5Teqf99j/ABrn1Or3RzSfu0+Veh7e9N8z/YT8qe0TeWnK9D/GPX60zym9U/77H+NN3EuUPM/2E/Krdi27fwo6dBVTym9U/wC+x/jVuxj279209MYINVTvzIipbkdi5RRRXUcYUUUUAFFFFABRRRQAUUUUAcf8RrFdS07SbNiVE2pxIGBwQSGwawfF+oya94Ws424NvEtxeAdpVcRhf++t5/4DXT+OdRtNKsNPvL20mu/Jv42jSF9pDgE59wBnis3xNDoOgaNc3JtprldauEZ1jmwW/iyCeijk/j70R/X9Fb/P5De/y/zuO8ReKL6wkvnsJzJ9h2/uIbRpEIwCfMlICoeegOcY45q1d6prN1rF7DYXUNtDbWMdyAYQ5Zjk4ye3FP1XSfDZu5rTUtVFq2pEO9k14sfnNgAMFPJPA6elW5V8P6RdS/btUgt55rdLZxc3SKxUAheDjk8/Wlrb+u3+Yv6/Ip6T4kvdQju5JBGgj06O4RQvRypJ+o4rA0y6uH1S/wBevrq2aeOxhdDNANqFh2IBI+g610reGtEbdFDeyw+XarDMsVyAWh7b/brzxWRaP4bu9ZutCsJIZ4zbRiWYX65CoMqUA6kdSe1P7Wn9bj6f15E9h4qvYtQvYrozXMENibqN57Q2zMRnICnBx7kCpbr+3rnwhc6g+qxIs1jJK0SQD93lMgK2fwyat6Tpug32oSXtjq39qzpEbeZhdrMCh/hYLwP0qnKfC9jZ3kba8J4bOCQPZDUFPlKRgrtBz7DPrSl8L9P8/wDgBHdf12/4JP4cvr1Luz024uBPENMSfcUCncWI7ewFVNB13WNb1Czie6ihiNgt1NthBLt5jrt9gQtWdK03Q9WtLGfT9UlaVbXYrQ3atI0JP3Wx1AIIz255qfTLfwzoktqbXU7ZWa3S1gEl2p8xN7Fcc8ksWHviqlu/n+v/AACV8P3foZul6vql7Z+Graylt7MX9rNJMyQDC7NmNq9B979ahh1C78S3Ntol7HZtPFJdGa5ltlkBEMnlgqjcAncM+nNa9jHoGlafpN3PfWtqlpbyLbs96pQoxUMdxwG528+/vVHV7PTrK0tdU0+6tEtmnlnF62oLBhpTk7ZCCpUnPH0x0pO19dtfz0K6aGJfXN1cWKWGp20F4lhr0NvHBbwoiyJtBA2khec/St7+zJBrNrf6Voh0SK1SRp2YRJ5wKnCbY2IPODk9MVl21vY6dpcMySRarPd6zHMi296GEcpUbd0mDngZPA68cV1D63NFfQafrVgLRb0MkUsdwJFyBkg8DHGaNbef62Quvl/wWZNrrWsSaRpBku4zd6wwCv5I2wAKScD+I4HelvPEmp6bNdaZI8U92s0McNyVCjEnGWUdxir+zw3PoK20Wq24ttNCkXEd2m63OOCXzxx69aWHSdAvNGuZxeJe29wwklvzcqxyvQ7xwMe1N2u+36AV9a1LVvDunBp7xbx7mZIYXW0JaMnqdiZLewAqvHr2ueXfQ2dtd37xwiSGebTpLbJzhl2uFDEDkY69KuwWug6lpdzKNb/tGBSC90b5XEJXkEMvyqR61JY2+kXen3Nzb69LfwsNr3S34YRBeeCpCjHX+dL1DsZ0Wu6m9nfLYXbX97DEj/ZJ7BreePJ5IRsbuM49SMZqexnj12C+07UtVkliEatNFLavZzRjqc5Aypx1HvzUllbeH72G7u7fXft7LGElvEvlZoFHONy4CjvzVK7stC1LQ9QntL+5192RIpDZXKzSkA5WP5eAMnJyOmc0MEN0jTLXUdfuLrQbc2Gim0e1ea3Pli6ckDegH90AgP3zxmk07TrCTxXYHwpbJDZ6ZvjvbyLhZztIEWf+WhBO4nnBHXNSWSs93JoesPqNn9os2MYN0jIYxgNhlUFWGR+dO8J3GnXGpTWOi3uoSWemxRmMuVEMqtuA2jaNyjafmHBNNb/15i6f15HYNux8uM+9N/eeq/lT6KQyJvM3p93qe3tTv3nqv5UP/rI/qf5U+gBn7z1X8qbL5nlnO38qlpkv+rP4fzoAP3nqv5UfvPVfyp9FADP3nqv5U2LzPKXG3GPSpaZF/qU+goAP3nqv5UfvPVfyp9FAEQ8zzm+7nA7fWnfvPVfyoH+uf/dH9afQAz956r+VNbzPMT7vftUtMb/WJ+P8qAD956r+VH7z1X8qfRQBFJ5mznb1Hb3p37z1X8qJf9X+I/nT6AGfvPVfyo/eeq/lT6KAIovM8lMbcbR2p37z1X8qIf8AUp/uj+VPoAZ+89V/Kmp5mXxt+96VLTI+r/71AB+89V/Kj956r+VPooAibzPNT7vftTv3nqv5UN/rU+hp9ADP3nqv5U2TzNnO37w7e9S0yX7n/Ah/MUAH7z1X8qP3nqv5U+igBh8zB5X8qbH5nlJjb90dqlPQ02L/AFKf7ooAT956r+VH7z1X8qfRQBEnmfNjb949qd+89V/KiP8Ai/3jT6AGfvPVfypo8zzj93O0dvrUtMH+vP8Auj+ZoAP3nqv5UfvPVfyp9FAEUnmbRnb94dvenfvPVfyol+6P94fzp9ADP3nqv5UjeZtPK9PSpKRvun6UAMTzPLXBXoO1L+89V/Klj/1a/QU6gBn7z1X8qbH5mGxt+8e1S0yPo3+8aAD956r+VH7z1X8qfRQBEPM85vu52jt9ad+89V/Kgf65v90fzNPoAZ+89V/Kmt5m9Pu9T29qlpj/AOsj+p/lQAfvPVfyo/eeq/lT6KAI38zy2yV6elC+ZtHK9PSnP/q2+hpV+4v0oAb+89V/Kj956r+VPooAij8zacbfvHt707956r+VEX3T/vH+dPoAZ+89V/KmjzPNb7ucDt9alpg/1z/Qf1oAP3nqv5UfvPVfyp9FAETeZ5ifd79qd+89V/Khv9Yn4/yp9ADP3nqv5U2TzNnO3qO3vUtMl/1f4j+dAB+89V/Kj956r+VPooAZ+89V/Kmx+Zs42/ePb3qWmRfc/wCBH+ZoAP3nqv5UfvPVfyp9FAES+Z5jfd6DtTv3nqv5UL/rX+gp9ADP3nqv5U1vM81Pu9+1S0xv9an0NAB+89V/Kj956r+VPooAik8zZzt+8O3vTv3nqv5US/c/4EP5in0AM/eeq/lQfM2nlfyp9Ifun6UAMj8zy1xt6DtS/vPVfypY/wDVJ/uinUAM/eeq/lTV8zzH+727VLTF/wBY/wCFAB+89V/Kj956r+VPooAiPmeav3c4Pb6U7956r+VDf65Pof6U+gBn7z1X8qbJ5m0Z2/eHb3qWmS/dH+8P50AH7z1X8qP3nqv5U+igCNvM2nlenpQnmeWuCvT0p7fdP0pE/wBWv0FACfvPVfyo/eeq/lT6KAIo/Mw2Nv3j2p37z1X8qI+jf7xpzHCkj0oAb+89V/KmjzPOb7udo7fWszVLa6uvKnsLo215b5MZOTG4OMq69wcDnqOx6g53/CYL5n2EWzf2/jH9l7vnx/z13dPI/wCmvTPy/f8Akp2Fc6b956r+Vcfrf/IZuM+o/kK29Ltrq182e/ujc3lxgyEZEaAZwqL2Ayeep7noA3VdGtNUilSZWjkkwRNE5VlYYwR/h0PeuevRlVikjrwteNGblLscvRVw6hYaNi08SwRRXJ+W2ljB23x7LGuc+Z/0z69xkZxa0/RDc3f9o6nB5BwRDZK52xA93IOGb9B2z1rj+pVO6PR/tKl2ZZ0v/kGR/wC81YfiEzW+oI/hxUfXpEz5DHEUsY4zMR91R0Ddc8DPOOxGnwSafJBGoiDqygrn5SR161z1rb2/gsSnWGV9PlIZ9WmbBjOMYnYnhewboOhx39KmuSCi+h41Z+0qOa6kHhoQyJPPMzvq2Ql75wAkjbqEA7J3XHBHPNdJbfdf8Kw30j/hJ7+HUoFfTrWHAhlAKy3S7g3zDIIj44B55zx0PVLBGudqgZrTmMuUr0Vm3MF1ol3Le2yzXunysXnthmSWEnq8Y6sO5Qc/3eylsusLqzC18LyQ3LuivJfqd8NsrKGU5HDuVIYIOxDNgFdyuVY1V6/gf5UlOsNPi0+zjt43ll2ZzJNIXdySSSSfUk9OB0AAwKrappc1x5Vzp1wbe8t87NxJikBxlHXuDgc9R27glwsT0DqKx/8AhJ7d2/s+K0Y69j5tLLfMg/56Fv8Anj/006H7v3vlrS0rS5LRJJb64a5u5yGlbJCLjoqL0AGfqe/sXCxO33j9aSjUNOS/tGh82WB8hklicqyMOQff6Hg1jnxDFpGLPxIFivW+W2MQJF+fSIdS/qnUdenILhY2KU/dWqWnWF3Pd/2jqpaJypENmknyQqf72OGY+vQdvWl1a8ks5o0hC4K55Ge9ROooK7Lp05VJcsS3RWL/AGvc+kf/AHzR/a9z6R/981j9bpnT9Rq+Rtj7h+o/rSVT028kull80L8pXGB9aoz/AGvQrqW7hWa902VzJPbgNJLbknJeMcllzyU6j+HPC1rGrGSujCdGUJcrNqlXqfoa58as3idfL8OXSHTTxLqsDBlk9UgbkMexcZCnI5YELvW8aW8CQxA7I0CLuYscAYGSTk/U81XOtiOR7i0Vl6jbXsV0NR0pt8qqFltJHPlzqPT+6wycEde/tA3ii3uIUi0uL7RqMpKizb5XhIxu83+4FyMnvkYzkVZBtr94fWhvvH61T0qyls1d7u4a5upmDSuSQoPYKvRQPzPereo6at/aGJZpbeQEPHLExBRh0OOhHseDSuAtFY58RQ6URZeIUEWot8tukIz9vP8A0xHdvVf4ep+Xmrmm6fdS3R1HVmKTMpWK0jkPlwKex/vscck9Og9y47GtH/q1+lcr4ia7tdW3eD0il8QTIHntpWK27xfdDzkfcPGEYfM23GCqsU276e4VZYbaQQuUIRym7YSODjvj0qlpkQ0u2aOD53kfzJppOZJnIALMe5wAPYAAYAArF1Ip2NlSk1cd4XW0e1nuI3ml1FnEeoNdKFnSVRny3UcKAGyoX5drBlLBtzblc9d27T6lBqEEn2a7iwjyov8ArogcmNx/EOSQeqkkjqQdE3kvlq3GSSOn0pe1iP2Mij4oFvHBBcI0iaqGKWBtwDLI5GSgB4ZSBlgflAG44xkU/DZubnU2fxWscfiCJCy28bEwxxHjdAT94HozH5gTg4BGbNlbtbX099PL9pvJsr50i/6uPORGo/hHAz6kZPQYdqcI1SBFlPlyxNvgnj4eFv7yn9COhHBo9rEPYyN2T/Vt9Kxdbj099JlbV2WO2jw5kJwY2HRlI5DZ6Y57Vbtbido1juHWRgmGfbt3HHXHasTVdGuTrCaxbEXbQlWWwlJCHAxuXJwH54OP8a1hJSV0ZTi4uzMnT5NQutRt4fGCtHZs4/s4OMC4I5Xzx0WXuE6H6ggduv3h9a5m61u28SWsul6RFHdTONl2JlO2yPpIOokHUL16HgYNbGi6c2lWK20l1LeHeW82Ykscnoeasg1poo54JIrhEkikUq6OAVZSMEEHqMVwRu9fXK+HA1x4VB+a8BZ7tU/i+zLg+ag7MfmIzsD/AC7t7xHo82uRRql2YREGzCwJjnyVO2QA8qduCPf6gsTxbBb27RX0LW+oRMsf9noN0krMDt8ocb1YKxDcABW3bdrYmw7mxpEenx6RbjRzG9kyb4nifesgbndu/iJJyT1JOakm/wBaawNF0m7tdUl1W5lED3PmM1hCSYYmcqSR2LHaSzY5LEjHOdq7EstvKkEghldMJLt3bGI4OO+PSmgOV19ry11Zj4PSOXW5UD3NvKxFu0fQPMR91uMKR8zbcYKqSul4aWzazlngeSW9d9t69wuJhKB9xx/DjPAHy4IIyGydDTtPt9LtTDbqWLMXllkO55nPV2Pc8D6AADAAFR3OlpLqUOoW7m2ukwsjoOJowfuOO/U4PUEnHUgsRfP3R9TSVPEqunzAdaxJUm8OzSTt5t3pLsXkBJeS0zyWHdk9R1HbjilcdjUpk3+ob6isoXf/AAlIC6JOF0g/f1GFs/aB/dhYdR6uOPT1rcaCOK2WNF+VQFG4k8D3PJqZ6xaKhpJMzaKq6hZ3VreHUdLUzkgCeyd/llA7oScK36HvjrVUa/FrObXw0EluB8tzM6nbYnusg/56j/nn1HU4GM8nIzt9ojXh/wBcn+8P51bqtpthFYW0UCtJMVOWlmcszsTkkn69hwO1Q6pZT3XlT2Fwba8tyTGSSY3BxlHXPIOBz1HUHqDUVZESldl+isD/AISyLd9gFof7ex/yCt3z4/567unkf9Nemfl+/wDJWjpdlPaiWe/uDc3dwQZSCRGgGcKi54Ayeep6nsBRFzZT7i/SuK1OTWbTVLiH4fQWtzh838N05S3hc8/uyB/rTnJXpzk4JGeg1mzk1PTzaR3ctmSyN5sJwwwQeDWVp2sQ+HLRdL1nyLAW8bNFP92K4UcswJ/j6llPJ5IzzjoS0OdvU0vDK2LWDz2jyS3Mj4vJLgYm80dVcfwkZ4Xpg5HBydK4+8PpXMQ2F3q+tRa3IH0xFK7IACslwoOQZhkfgp5GefSulZywBIBNJxbQ4ySdznPEwjiME9kWGtnKWSxD5pe5Vh3j7knp1HOMw+GzJcXssviAKviCNMSQg5SGM9PJz1Q4+91JGDgjAbBZv4Tupb+6LX1pKuJ7pwWltVBz6k+UOpx06nIyQl4q+NPKfS5VhsYdxi1SE/NKSMEREHlDxls4bHHQGo9my/aI6G+/48z/ALw/rWXW0sS/ZVikAcKAMnPOB1rGv9PuLO8bUdMiNyGA+0WLP/rAON0ZJwr47cK3fB5rnqU25HXSrJR2Eq1pv/IQj/H+RrMGs2+uZtfC4jllB23N0ynbYnujqefOH/PI4K9WxkBtzTNOg023jhh8yQxgnzZnLuxOSSSfUk+w6AAcVMabUky51lKLSRoXUUE9pLFeJHJbuhWVZACpUjkHPbFcIt1duQtzPN/whZOEvmY+aw7Bm6/Z/SXqRyfk+euo1Kw/tWSFLuVms0yZbUD5Zzxjf6qOfl6HvkcG+0pdSrBWUjBBHWurnRwcjJooo4YUigRY4kUKiIMKoA4AA6Cs26/4+n+tN0yy/slZIbaZjaEgw27DIgHdVPXb6Dt0HHFO1OwTUbdojJJBJkMksTEMrDoff6Hg1E7SWhpT9x6kVFZZ8Qw6Ti08RIkV6flt/LUkXx9Ih3f1TqOvTmrenWN1Pd/2jqv7qQqRDZxudkKn+9j7ze/QdvWsuRm/tEXH/wBXH9D/ADplW5oIprcxSJ8jqVOGIOD6EHIrAN+PDClNfnT+zB/q9TnYKIvRZmPA9A/Qng4JGTkEqiNSrmn5+fHtn9aw4I59euI7p0ls9MjYPDF80ctyRyGfuqdwvBP8WPu10dsqru2qB06VUI2kRUneLRPRRRXScoUUUUAFFFFABRRRQAUUUUAc74vtJbw6KsUEkyrqkTSbELbUw2ScdB71yd/pep3ei3ttNY3Lf2TGLO0/dk+cDIDvUd8IqDP+9W78R7Ealpuk2ZYr52pxIGU4KnDYP51h+MdSk17wtZRngwxLc3gHaRXEYT/vvcf+AUR/X9F+lxvf5fq/zJvE0OoXUOvWsVrdRvMymOG3smf7SAgwxlOVGORt4PHHJrVgsGudY1O6kspCJdIijR5ISCThsryOvTIpniDxXfaa981lJHILLbmBLZ5NwwCd8nCp9OTVq61jWZ9XvINPltYIbaxS5HmRF2Zjn5eo4461Olv67MF0/rqjG0wXWk20y3Wn3zNc6THHEI7Z3y6ggqcD5Tz3xTLGy1C30jUSdMmkZrC2URSRN8xA+YY4JI9BW9pXia71GO7kdI0EWnx3KKAeGZSTn1HFc/pt1cTaxfa/fyWTzQ2MLxmaDAiLD+Fskj8BzVPd/wBdwW39eRNb2+oXXiC7eL7bJ9o0toYp5LJrdA4zhQCMrjPU/hV+NoJvCI0tNHuvt0NjLGoeyYCJ9hBw7AA5P90nNOsfFl2moXsN3m5hhsjdJIbVrcsRnIAY5I98CpLuXX7nwjc6g19axpNYySmNICGi+TI2tu5PvxSl8L/rv/wQj8S/rt/wCtp9zJZapY3stjfGF9KW3G20kLCVWOVK4yvXgnA96h8Fadcw6laT3djNCV0hY90sRXa3muSvPfGOPpWr4d1C9W6s9NuZY5k/sxLjeI9pLFiPU9gKqaF4h1jW7+zhMltDG1it1MRCSWJkZSo54BC9e1VLd/P/ANu/4JK+H7v0K/h7S51fwebqylU2lnc7zJER5LnYBnI+UkZ/WoNLsp9K12G+vLC5NjDd6giCO3dzCzzZRwgBOCoYAgd/ermlazqd1ZeG7bThZWY1C1mkl2wfLHs242KCP7x4qp9qufFGoWWnTrFBqFu92JL6JpEISKQRnbsZT8xKkjdjj6Ua82nn+epT+HUzraxfUPtf9nWt1axt4kjk/dxYeJdikuRg7eueRxnmu3fw9EjNd3F1d6hcRROIPtDKfLJGCQFUc9u9cPcs7aaNN1Gxt7iOy8QRQmKGPd9oBUMSwcncx3c5Nb6aWIdatb7QtD/sSK2SQ3LeWkQmXacKVQ4bnByemKnTl/r+VC+1/XdkUenz2vhnwy72czW9iyvdWywlnHB52YySCc4xmq+pafd6hcalqFnY3H2GS5t5GgaIo84T77bCAfTqMnFaFrr2sS6TpLSTW32vV2AjIhOyAbSST83zcD2pbvxPqWnTXWnTCCe9SWGOGcLtQiTuy5OMY6Zqnfm87/joHT+vMj8Rj+27DzdJsLlDDPE9xJJYsrSop6BWAZ8dcdKrtpqao+o3N0+pTLJAiOYtNNvkq2QQr8uR9OnFams6tq3h7Tw11Pb3UlxMkMDx2zDYT1JQEk49qrJ4j1kJfQ21rJqEkUKywz/YZIATnDLtfqQOeDzS9A7f11KjxTapHfRX1vcXVqsEey+j01oLhWVshdrjLgEA8DHtU8GsX1i9/etp8+prFAiwzpprwTO2SNhUjcQOuQMDNTJ4g1NrK9+xzxahdwxo4tjZvBMmTydjH5gBkjHXGKltLj/hIbe+06/1UPF5amVUge0mjB5IIb+EgYyPej0D+vyF8OCK51aTUdQa6m1WWPb+8spoooI852IXUDr1OcmrtlBMvjnVp2icQyWdqqSFTtYhpcgHuRkfmK5SVY7EavrHg+2Wy0210yVDJENsdzMPuuq9Dtwfm7571pJYWuhav4Yk0qNYpL53hu2Trcr5LPuc/wATBlB3HJ5PrT3/AK9RPZ/1tZnaMoYYYA/UUnlR/wBxfypWJA4GfxpNz/3P1pDGNGm9PkXqe3tT/Kj/ALi/lTGZt6fJ3Pf2p+5/7n60AHlR/wBxfypksaCM4RR+FP3P/c/WmSs3lnKfrQA/yo/7i/lR5Uf9xfyo3P8A3P1o3P8A3P1oAPKj/uL+VMijQxKSinj0p+5/7n60yJm8pcJ29aAH+VH/AHF/Kjyo/wC4v5Ubn/ufrRuf+5+tADBGnnMNi4wO31p/lR/3F/KmBm85vk7Dv9afuf8AufrQAeVH/cX8qY0aeYnyL37U/c/9z9aYzN5ifJ696AH+VH/cX8qPKj/uL+VG5/7n60bn/ufrQAySNAnCL1Hb3p/lR/3F/KmSM2zlO47+9P3P/c/WgA8qP+4v5UeVH/cX8qNz/wBz9aNz/wBz9aAGRRoYUJRSdo7U/wAqP+4v5UyJm8lMJ/CO9P3P/c/WgA8qP+4v5UxI0JfKL970p+5/7n60xGbL/J/F60AP8qP+4v5UeVH/AHF/Kjc/9z9aNz/3P1oAY0aeanyL37U/yo/7i/lTGZvNT5PXvT9z/wBz9aADyo/7i/lTJI0CcIv3h296fuf+5+tMkZtnKfxDv70AP8qP+4v5UeVH/cX8qNz/ANz9aNz/ANz9aAEMUeD8i/lTY40MSZRfujtTiz4PyfrTY2fyk+T+Ed6AH+VH/cX8qPKj/uL+VG5/7n60bn/ufrQAxI0O7KL949qf5Uf9xfypiM3zfJ/Ee9P3P/c/WgA8qP8AuL+VMEaecRsXG0dvrT9z/wBz9aYGbzj8n8I7/WgB/lR/3F/Kjyo/7i/lRuf+5+tG5/7n60AMkjQKMIv3h296f5Uf9xfypkjNtHyfxDv70/c/9z9aADyo/wC4v5UjRR7T8i9PSl3P/c/WkZn2n5O3rQAiRRmNfkXoO1O8qP8AuL+VNRn8tfk7DvTtz/3P1oAPKj/uL+VMjjQhsov3j2p+5/7n60yNmw3yfxHvQA/yo/7i/lR5Uf8AcX8qNz/3P1o3P/c/WgBgjTzmGxcbR2+tP8qP+4v5UwM3nN8n8I7/AFp+5/7n60AHlR/3F/KmNGm9PkXqe3tT9z/3P1pjM29Pk7nv7UAP8qP+4v5UeVH/AHF/Kjc/9z9aNz/3P1oAa8UYjb5F6elCxR7R8i9PSh2fy2+Tt60Kz7R8nb1oAd5Uf9xfyo8qP+4v5Ubn/ufrRuf+5+tADI40KnKL949ven+VH/cX8qZGzbT8n8R7+9P3P/c/WgA8qP8AuL+VMEaeaw2L0Hb60/c/9z9aYGbzW+TsO/1oAf5Uf9xfyo8qP+4v5Ubn/ufrRuf+5+tADGjTzE+Re/an+VH/AHF/KmMzeYnyeven7n/ufrQAeVH/AHF/KmSRoE4Reo7e9P3P/c/WmSM2zlO47+9AD/Kj/uL+VHlR/wBxfyo3P/c/Wjc/9z9aADyo/wC4v5UyONCnKL949ven7n/ufrTI2bZwn8R7+9AD/Kj/ALi/lR5Uf9xfyo3P/c/Wjc/9z9aAGLGnmv8AIvQdqf5Uf9xfypis3mv8nYd6fuf+5+tAB5Uf9xfypjRp5qfIvftT9z/3P1pjM3mp8nr3oAf5Uf8AcX8qPKj/ALi/lRuf+5+tG5/7n60AMkjQJwi/eHb3p/lR/wBxfypkjNs5T+Id/en7n/ufrQAeVH/cX8qQxR7T8i/lS7n/ALn60hZ9p+T9aAEjiQxrlF6DtTvKj/uL+VNjZ/LX5Ow707c/9z9aADyo/wC4v5UxY08x/kXt2p+5/wC5+tMVm8x/k9O9AD/Kj/uL+VHlR/3F/Kjc/wDc/Wjc/wDc/WgBhjTzlGxcYPb6U/yo/wC4v5Uws3nL8nY9/pT9z/3P1oAPKj/uL+VMkjQKMIv3h296fuf+5+tMkZto+T+Id/egB/lR/wBxfyo8qP8AuL+VG5/7n60bn/ufrQAjRR7T8i9PSkSKMxr8i9PSlZn2n5O3rSIz+WvydvWgBWSJRllQD1IFNzb/APTL9KjvCxtzuXHI71n1SVyXKxpJ5AB3GPqccinfuTkR+XuxxjGay6mtP+PpPx/lT5RcxR1zXotDktoJYmlubzK28e9VDNuRQGJPygtIo3YxkgfeZVamPC9+ty+sreY12RVV3BIt2jXJWApnlAWYhvvgsTnB211Nxbw3dtLb3UUc8EyGOSKRQyupGCpB4II4xXB/b73/AFBup/8AhDOn9r+YfP2/3N+c+R2+0Z3Y74/fVNyrG/oevRa5JcwRRNFc2eFuI96sFbc6kKQfmAaNhuxjII+8rKtvWdSh0XT2vb0N5KsiHZgtliFGBnk5PQZJ7AnitK3t4bS2it7WKOCCFBHHFGoVUUDAUAcAAcYqSi4WOPXRZvE62+rX8r2+1fN01bWYEwbhxIWU4clT05XBxz1qxYa466yuhaoq/wBpAZDxMuyRcEhsE5UkA/LyepGRkijqU2oaZqVxb+DI/Pg3ltRjA3LZs3JaIdDIc7jH053cE/N0mgw6fHpMb6TJ58MxMjTs255nPDM5PO7IwQcYxjAxgFwsWpJks7OSacgLGrO2WA4Az1JA/OubWSHx7aMrN5eh7sPGH2y3DDBwSDlFBweDk8HgdeluPvD6VyXiJprHUVn8NosuuzIM2hOI7hBxulP8IHQP17c9nYC7JrZ8Lzw2Orzm6t52CWlxvXzOoG2QEjpuHz9DwDyRnpgwPQg/SuV8MrDOJ7yd2k1ZiI7zzV2vCRyIwv8ACgzkY4Oc5Oc10lv1alYLmE2uPr2oXOkaJL9me2ZlvLolS0YDMv7sZOSSrDceFIIOWBUFxYf8Inby6hpLf8S+JDLe2k82AQBlpldzgP1LbjhjySCSxs+JktEtIbuSWSC/hcrYywJvlaRh/q1X+MMF+ZTxhdxK7Qy4ulzarqeq20Pj61t7CVXElhZ28pkt7h1+bczkDdIuNwjPA27xuK5RDOp0rVLfWdOW9s9/lO7oA42sCjlDkdVOVPynDDowBBApa54kg0W4trQxmW7vMi2j3qqs25VAYk/KMuozjGcDlmVW2aiure3u7OW3vYo5reVCkscqgqykYIIPUYoAwF8N3kNzJrMN9nXJQolbJFvIi5xCU/ujccN97JJzg7au6D4jtte+0RwI0c1qQs6F1YK2WBAIPzDKEbunUdQwHLrfXshFvcXMx8Ht8qaqZD50i9kZ858nt5+ckd8fvD3kMMVtBHBbxpFFEoSONFCqigYAAHQAdqAKWtaza6Dpxvb7d5QdU+TGcnpgEjP0HNZA0aXxGYNX1C4e2mRd+nC1lz9nDD7xYcOWGMjlcevWunrh7+fUNN1Ce18HIZrEOTqAVdwsieSYR0Z+cmPoOvU4IBtad4i3az/YWpKo1NFJZomHluoAIYc5BIP3eo69MGpNdtbiVhLbwPNsjPyoRkn0GSOataHDp8OkRHSXE1vLmTzt25pWPVmPUsT1z9O2K0KicFOPKzSnUdOXMjjbCGXU7NbmzjZ0JKkHCsjA4KsDyGB4IPIpt4k1lcW1vJBI9xdNtihjwzMBjc2M8KuRljwMgdSAbXiJriw1TzvCsaTa9cIGksmbbDPGOA8pH3MYwH6nG3BA+W54YW2miuLx5Hm1V2Ed8067ZImHIi2/wIN2VA4IbdltxY4fVYdzq+vVOyJtLsri3Wbzoyu4rjkc9ayf7Wl8RX11pWiyG2Fq7Je3JZC8YDumIxk5JMbjceFII5dWVeurD8Tpax29vemV4NSicx2EkC7pXdhkxBeN6sFyynjCbiV2B11jTUVZHPOtKcuZmUbf/hBbOIW4dtBTZCtu0heS1JIVRHkkupOBs5bJ+XPC10NhOt/p9vewDMVxCsqHcrcMuRypIPXqCR71ieHnutQ1YS+LYo7fXbdC8Fij7oYYz8pkiY/fJztZsZXdtwA2X6ur5Ve5HO7WOZ1LXWi1hdD0+NW1OVAyea6iNQQxyeckgKTtxk444BIZ/wAIzc2X+m6bcu+qdZ5J2+S7/wBlh2A/hx933yc7WtwafPpE39rssdrGPMaUvsMRXkOG6qwPII5zXIJfa9dOtv4oj+y+HHIVL4MUnuFP3ROoA8kN3I69DtzxdzOxv6BrsGvrN9mRke2YLMpdWw3PQgnI4PPQ9uhxe1zXLTw/p/22/wB3lbwnyYzkgnuR6f16Amr8UUcMKRQosccahURBgKBwAB2FOouM5n+w59ekh1fULlrW7jUmwFrJkWqtgkkjiQtgZB+XA49as6Z4jE2sNoeoIq6nCpaQxMDGwAU5HOQSGB24yM88FScO8nv9NvprTwgrSaUjkXzRrv8AsB/iFuvR29U6L2z92uq0WCwg0iD+yGWS1kHmLKH3mUtyXLdWJPJJ5zSAZqEcy+bNFA821NwSPG58DoMkDJ96qWEi6nZJdWX7yJ8jJGCpBIZWB5VgQQQeQQQea3a5PxC91p+rNL4RijuNduEV57F32wTRj5RLKw/1bALtV8ZbbtwQuUydJN3NlWklYuXlwLO6tbV0eS5umIihjwWKgje5GeEXcMseOVHVlButbyiJQVwck8ke1VvDCWklvcXqyyXGpSuI7+S4TZKkijIiKc7FUNlVHGH3AtvLtrXHVaFRiDryM/7PJ6D/AL6FH2eT0H/fQq1RT9hEPrEuxFBC6yZYADB7isjUNfI1j+w9NWM6k6hg0rr5aKRkt1ySB/DjJ69Oa3V7/Ss7W4bCbSZTqziK3ixJ527a0TDoynqGB6Y+nfFP+HoiX+81ZlDRZvDMM2oabcmYEtPfxXEwCznq0iknEbfkp7+tbGi6tba5YreWW7yt5T5yA2QecgHj6HmuWsJ7/UdQgtvF6GGyLg2AZdovSOVMw/hfjIj6HryRgduv3h9aPaMPZooapqaacI41Q3F5cEi3tkYbpCOp9lGRljwMjuQDn/8ACNz3X+nX18y6v1hnhb5LYf8APNVJ5Q/xA/ewDxhdu8epoo9ow9mjM03U5Jbo6dqaJb6kiF9gb5J0BAMkZ7jJAI6qSM8FSdVlOe3Qd/am0r/e/Afyo9ow9mg2n2/MUbT7fmKSij2jD2aLEIxH+Nc2urf8Je9xp2mP5FnGTHezFlLkEkbEAJ4OD8/TqByDjpIP9X+NYnidYYBBeWztHrCkx2XlDLzk8mMr/Ehxk54GN3BFWnfUhqzsVZZl8C2qBmebRBiOJGk3S2xxwqljl149cj3HToVmW6sop4vuSqrr8wPBGeoOPyNc/wCG2mvtRa48SokWvwp/x6Bsx28Z4zEf4gehfr246V0k/wDq/wAaT2CO5zV9rzPrLaFpYj/tHG4vK67I1wCWwDliMj5eDyCcAgmt/ZEnhS1m1DTrhpoRvuNQhuZwBKeWeVSSFRupI4U+3WtTXYdPl0l31WTyYYSJFnU4eFxwrIeu7JwAOucYOcHnNOm1DUdSt4PGMfkQ7w2nxkbUu2XlWlHQSDG4R9BjcMkfLibnVaNqlvrVil7Z7vKaRkG/AbKsVORnIOR0OCO4B4qrrmuxaJLa28kLS3V4SttHvVQ77kUBiT8oLSKN2MZIH3mVW1l++v1qe4t4by1ltruGOeCZDHLFKoZXUjBUg8EEcEGqikyZSaOWHhe/S5fWVvMa7Iqq7gkW7RrkrAUz9wFmIb74LE5wdtXNC12LXJLmCKIxXNmQlxH5isFfc6kAg/MAUYbsYyCPvKyrgf2heEeSbuc+DOg1gyt55X+55nXyO32jO7HOcfvq7y3t4bS2it7WKOCCFBHHFGoVUUDAUAcAAcYquREc7MzWdSh0SwN7eh/KDIh2AFssQBgZ55PQZJ7A1lQ6TJ4ngjv9WJFtIgks7aCbiMEZWUupwz9CCDhe2TzXWVxOpT6xpmpXFv4BtIL4by17bXEnlw2ztySjAffOcmPpzngn5tLmZaj1ibR9UttG1phPPcEC1uEZQZVzj51JG0+44PbniukMb7RxWd4ajsmsZLq2le4upnxeTTLiXzB/Ay/w7c8L0AORnOTs0XCxxqXx8ZpPY6efK09f3d7IWUyOD/AoBOAR/F3HT1pbic+B7ZftLPNo33Id8m6WAgEhMscuuAec5AGTwCRoeJxHbtBeWLFdbwY7NIxk3HcxuO6dyT93qOeDD4aMl7fSXPiBVTX4U2va5ylrG3/PL+8rY5fqSMHGMAuFjchzLbrIg4cBhyDwR7Vg3mtyz61JoOkKg1FRl5JmUpEm1SWAByxG9fl4xkE4BUt1NZniGHTpNJaXVZTbx27iSK4Q4khk+6rRkAneS20AA7t23BDEGHFN3LUmlYwW0iTwdZTahp8ry2SB7jUIbmcDeSS8k6sxCoxJLEcIf9nknc0i/i1jT1vbRX8l2kQbxhgVZkII6qcqflOGHRgCCBz+lTajqWrW0PjWIW21xJpluBiO7ZfmEknUCZcbhFkhcbgWK5TtaXKh87Mm8v4rC6tobtXjW5by0mI/diQkBUJ7FicDPBPGckA3PKf+7Ut3b291ZzW97HHLbyoUlSQAqykcgg9sVwq317IRb3NzN/wh7fKmqs5E0g7IzdfJ7ed1I74/eE5EPnZ1VjfR6k8/2NXkigfyzOAPLdhkMFPfaRgnpnjqDhmt6rBoVj9tvg/lb1T5ME5PoCRn8Oa1YYYraCOC3jSKKJQkcaKFVFAwAAOgA7U+jkQudnIDQbjxEYNWv5ntpUXfp4tZQRbhh94kcOSOo5XH51Y07XXbWP7D1KNV1NFJYxOpjdQMhhzkEg529R16c1nX8+oabqE9r4OQy2Acm/CruFkx5Ywjoz85MfQZz1OD1GhwafDpMR0hxLbS5k87duMrHq7N1LE9SaORBzsdeSCzsZbmYYjgjaR/mA4AyeSQB07kCubWEeOrYmUMmiLJ/qg+2WeRGzliDmMKwBxw2QM46V2Vcr4ia4sNU87wrGk+vXCBpLJm2wzxjgPKR9wjGFfqcbcED5TlQc7I21WXw1eW2m6zI1ylywSzudyh3+dVxICRgguvz9DkDhiqt1MUZGd6+hGax/DC28sNxePI82qSMI75p02yRsoyItv8KLuyoHBDbsncWO6c8YGeaaik7g5NqwUUUVRBj+KNbk0HR/tFvALi5mmjt4IycAyOwVcn0yarQQeKbS+t5Lm/sb61c4uYxAYTEP7ytk7sehxV3xDokev6Q1nJK0Lh1lhmUZMcincrY74IHFZjaV4m1K4tY9W1K0trSBxJJ/Z+9ZLgjopJ+6p7gZz0oQMkg8caZPeRRrDdrbTzG3gvmiAglkH8KnOeoIyQASOtUx8SNMNgt8un6mbWS4+yxSiBcSy7iu1Ruz1HUjHvVeHwTqQjstMub63fSbG8N3EQhEzncWCN2wCTyKlh8E3EXh3StNN3EXsdR+2M+04Yb2baPf5qat/X9eof1+f/AADrLSdrm1jme3ltmcZMU2N6exwSPyNTUUUgCiiigDmPHF/ZaXYade6hBcTrDfxvGtuwBDgEgnPUYzxWX4ltNB0DRry5kjurhNauIyyxSjP975cjherfia1/GNq93/YiLE0qjVITIFUnC4bJPoK5LUbG/vNEvLae1nP9jRrZ2/7s/vcyD5x64jVBn3NEevr/AJf8AH+n+Z1GqaFoks9zaXuryWqakweSyFykYlbAG4Ajd2HAODjpVtrXRtMuZmu9TSOae2S2f7ROikqAQDjjk5Ncn4n+1zx69bRQvDJIylIorNpZLkBBhvMYlVHUYAB4OOTWtDYreazqdzLaNIJNIiRHkiOScNkDI69OKnp/XZ/8MP8Ar8V/w5ePhXSsGK31G5t9tosE4hnQGSLtuyCR35GKyraHw/catdaDZyGdTaxLLOLtPkCDKlR1JGMk1U0yWXSraYXtrdbrrSY0hCwsxZgCCvA4PPfFR2NrdW+k6i5055WNhbL5bowzx83TBOO4Bqnu/wCu4Lb+vI6bTdG0m71GS+h1iTVZxCbeYm4jkVkP8LKoAH4Y981Vlg0Kx0+7il8QTT2lpbyK1kLxMRIRgjCgMfQBiax7Vb258QXZt5JZTcaW0UMqWZt4w4zhQDzkZ6sfpV6N7Cfwj/ZsWmSHUIrCWMK1ocxPsIPzEY5PoeaUvhf9d/6+YR3X9dv6+Rd0zSNL1K1sbmw1i681bXyxJFPGZHhJ+62FxwcjIAI55qxpWnaBocts1rqSbvsyWsIluUO9d7FcepJJH4VkabepY6pYXstvci3k0pYFK27k+YrHKEYyDz34qHwVYSrqVnNc2ckZTR0QGWMjaTK5I579KqW7+f6/18yV8P3fp/XyNvTrLRtMstIuZbyO3Wyt5EgMt0hUqxXcS3AbovI9ao6pptpYQ22paZcKsZnmnF8t7HEymY7iFLqUZSexz0GOlVPD+muzeDvtVmx+zWVyW8yM/u2OwDOeh61Bpls2l63Bd6haS/2bDd6gkYELMIXabKNtAzgqGAIHf3ofxff+f6ldBYLO00zTIp5ZG1K4u9ZjnjWC7VyshUbQ79D0ycYHPHGK6htccX0On6vYPZfbVZYpBKrqSBkgkdDjP5Vw9taG8Fz/AGXDcWkTeJY3UxxANGNikttYEDrnkd67iXw+u83l7fXmozwROIPtHlgRkjBIWNFBOOMnPtUv4bv+tEL7X9d2RGy0KXQorWHU0WHTQpS6juU3wEdCW6Dj1GDSR6Fot3pVzK96b1bhhJLfmdS25fukMuFXHsAKxYrF7Twv4akktH+yWrLJdwCIk9DglcZOGOar6jaT30upX1haTHTHubd3iEZUzhfvsEIye3bnFU936/5a/wBdgOhj07StR024eXXZtRjBVjcm7QiAryCNgCqffGT3qW0srK5srmdPEN3eoy7WuVvVAixzx5YCg+pI578VjeIjBq+mmXQ7RgIp4nuZDZMPMQHptO0vj0qubGHUzqVzNd3EkTwIkhs9MaAblbKthydxHcY6cUgNu10/Sbtbq8TX5r2YRiN7xLuMNAoO4DMYCjnnkHPfIqvLo2i6vp99LN4glvQ8axz3a3ERMcandt+VdoHXORzWawOqQ38N5H59ukEZXUrTTjDKrBshSjZ3AEAkDjrxWt4cuJrrWLrzYbe5iWFAt8li1uzHnMZDZJx1445otcCtomp6fdaXqtw+o39xpenq8Mkd1FEqOgQMSFWNTjB49aboYt7bUtLN/FqCebG0el/bJkcRjbkrhQCGKjq244BGeubNnpyXTeLLa+t5Wtrq4K7VXBkQwIDt9e4+tZlpb3Or6xoIW+uLyHTZDMzPZG32L5bKN5P3nJIHy4A+b2prVr5f8ET2fz/4B3tFIyhhhgD9RSeVH/cX8qQxH/1kf1P8qfUTRpvT5F6nt7U/yo/7i/lQA6mS/wCrP4fzpfKj/uL+VMljQRnCKPwoAlopvlR/3F/Kjyo/7i/lQA6mRf6lPoKXyo/7i/lTIo0MSkop49KAJaKb5Uf9xfyo8qP+4v5UAIP9c/8Auj+tPqIRp5zDYuMDt9af5Uf9xfyoAdTG/wBYn4/ypfKj/uL+VMaNPMT5F79qAJaKb5Uf9xfyo8qP+4v5UAJL/q/xH86fUUkaBOEXqO3vT/Kj/uL+VADqKb5Uf9xfyo8qP+4v5UAJD/qU/wB0fyp9RRRoYUJRSdo7U/yo/wC4v5UAOpkfV/8AepfKj/uL+VMSNCXyi/e9KAJaKb5Uf9xfyo8qP+4v5UAI3+tT6Gn1E0aeanyL37U/yo/7i/lQA6mS/c/4EP5il8qP+4v5UySNAnCL94dvegCWim+VH/cX8qPKj/uL+VADj0NNi/1Kf7opDFHg/Iv5U2ONDEmUX7o7UAS0U3yo/wC4v5UeVH/cX8qAEj/i/wB40+okjQ7sov3j2p/lR/3F/KgB1MH+vP8Auj+ZpfKj/uL+VMEaecRsXG0dvrQBLRTfKj/uL+VHlR/3F/KgBJfuj/eH86fUUkaBRhF+8O3vT/Kj/uL+VADqRvun6UnlR/3F/KkaKPafkXp6UALH/q1+gp1RpFGY1+Reg7U7yo/7i/lQA6mR9G/3jS+VH/cX8qZHGhDZRfvHtQBLRTfKj/uL+VHlR/3F/KgBB/rm/wB0fzNPqIRp5zDYuNo7fWn+VH/cX8qAHUx/9ZH9T/Kl8qP+4v5Uxo03p8i9T29qAJaKb5Uf9xfyo8qP+4v5UAD/AOrb6GlX7i/SmPFGI2+RenpQsUe0fIvT0oAkopvlR/3F/Kjyo/7i/lQAkX3T/vH+dPqKONCpyi/ePb3p/lR/3F/KgB1MH+uf6D+tL5Uf9xfypgjTzWGxeg7fWgCWim+VH/cX8qPKj/uL+VACN/rE/H+VPqJo08xPkXv2p/lR/wBxfyoAdTJf9X+I/nS+VH/cX8qZJGgThF6jt70AS0U3yo/7i/lR5Uf9xfyoAdTIvuf8CP8AM0vlR/3F/KmRxoU5RfvHt70AS0U3yo/7i/lR5Uf9xfyoARf9a/0FPqJY081/kXoO1P8AKj/uL+VADqY3+tT6Gl8qP+4v5Uxo081PkXv2oAlopvlR/wBxfyo8qP8AuL+VACS/c/4EP5in1FJGgThF+8O3vT/Kj/uL+VADqQ/dP0pPKj/uL+VIYo9p+RfyoAWP/VJ/uinVHHEhjXKL0HaneVH/AHF/KgB1MX/WP+FL5Uf9xfypixp5j/IvbtQBLRTfKj/uL+VHlR/3F/KgBG/1yfQ/0p9RGNPOUbFxg9vpT/Kj/uL+VADqZL90f7w/nVe/uINOsZLqaFnjjwX8qPewXIBbA5IA5OOcA9akXyLi3jmtvLlikCukkeCrKeQQR1BFAE9IwLIQGKkjAYdR781Se+s01WPTlXzLl0MjKiZ8tP7zH+EEjA9T9Diae8s7ED7TcQW4IJHmOEz+dJtLcaTbsjNtdRuNPuo9N11w5lOy2vdoVbj0VgOFf26HtjpRd6jcXt2+maEyiSM7bi7K7ktvYf3n9ug7+lZF/e6Z41tprCe8tk0GTKTsZgr3g7qpzlU/2hgntjrTdPutL8D2sVjZ3du+gR/LEBMHks8noTkl0z3OWHfI6Lnj3K9nPszpNRka101efNZSqlpOre5xjn6Vjf2lJ/zyi/I/41p311b6lYFdPuYbk5DfupVbj14NZH2C5/55f+PCuStOpze5e3kd+HhR5P3iV/Mk/tKT/nlF+R/xqzp1882oRIY4wCTyM56H3ql9guf+eX/jwq1plnPFqMTvHhQTk5HoazhKtzK9zWpDDqDta9h3inRtQ1ZbU2l3us4dxvNKdQI9RU4wjSdVAwePutna2VJFWP8AhJNO/sn7Th93m/Zvsez9952M+Ts/vY59NvzZ2/NTtb8Q22iPbwzRvLcXeVtolIHmPuVQpJPy5Ljk8fiQDl/8Incf2t/wk3nxf8JL5Pk78H7P5Gd32bb/AHc8+Z9/dz9z91XonkFrwto2oaSt0bu722c202elIoMenKM5RZOrA5HH3VxtXCgCte/t57uzeC2umtHcgGZFBZVzztzwDjODzg84NUtE8Q22tvcQwxvFcWmFuYmIPlvuZSoIPzYKHkcfiCBc1DUIdNs3ubgOYoyN/lruKjPLYHOB1PtQA6xsbbTbKO0sohFDGPlUEnJJySSeSSSSSckkknk1Xi0lbXWHvbKZoEnybm3AykrYwHH91umSOo69ARdjnimiSWGVJI3UMrqwIYHoQe4qs2q2o1VdOVjJcFN7hBkRr2LHtnt60ASXe4oRGVVyp2swyAfXGRms7TNMi02OQ5M91O2+4uZPvyt7+gHQAcAVo3TbULqpfapO1ep9hVOwvYNTs1ubRtyEkEHhkYdVI7EelUhMgvtLS5vYb62f7LexYXzlXPmR5yY3GfmHcdweR3B0lfapKgCqV9qEGntAk25pbhwkUUY3M57kD0A5J6CroRipwM8ilLYcdzlcXWgeILnV9duTqNrM7CC6eML/AGZGxz5e0cbOmZOpwN3Cgi/4hvobyD+xktUv7u5QOsO8oIgD8szOvMeGGVYfNuX5eQSIJNXm1u+udJ0RvJlgYpd3LqreQNxX5FOQzHacEjaO4JBWqNj4Wtvh5Yzz+Gbby9LyZ760kmLHIHMySOSQQAMqTtIAI2nO7H3ja0TotCg1HT9HgtdX1RtWu4w3mXrwLE0uWJHyp8owCBx6VneJ9N1LVGtXt7kS2UO43eksoCX4OMKz9QBg/L91s4bKk1qaTfw6vYJe2e4wSF1UsME7WKnjqOQeDyO4B4qlrWuxaNNb2zwvLdXeRbRKQA7blUAknjlhyeO3UgEvILRFfxRYvpPnhTIZHNuLMp+9MuOYinrjk9sc5xzUPhfTtS0mK4F7ebraVlNrp4UFLBRn92r/AHmHI68LjC4AFUh4Ru4tUbxHHIjeIWj8qRuRA0Oc+QB2APPmfezyfl+StTRNcg1wzpbxuk1qQs6MQdjZIIyDzgqeRx+oB7wWiS+IbbUtS0qS10nU20u4LAidIw5Kg8rz0yOMjkdRzVTSdZstN02SzuIYtLawjzLAx4C5++rfxgnv1JPPJq9rOpwaJYte328QhwpKjJyTxxWFP4ak8VPa6tqmbeW2bztLWIhvs7EcSN2ckfwnKge/IPeC0SbSLXUJfEEmsQTPp2mzqxbTDGD9oc9JmzzG3svXq3Na2q6ldW6hLYxq7ocM6Fgp7HGRn6VR0/XGfVv7F1GIJqaKWYRHMbqBncOcjPoeR9Oas6xa3DhZIYHl8uMkqgBJ74HvWdRz5dDaiqbmubYzNMuZdMhk2bZriZvMuLmVcyTP0yx+mAAOAAAMAU27uLibUodRtnS2vI8I8iJkTRZyY3GeRySD1Uk44LBixik1KzS5s42kibI9CCOCCDyCDwQabeLJZTW8MsMjTXL7IokG5m9Tj0A5J6D6kA8nNW8zv5MN5GzBq9xJBI7CPKsoGB659/aqFr5sWqTaldSLdXjho4ndMC3iJz5cYz8ucAserEDJwqKtm3sLpLeVWhYEspA+gb/Gqtm5vbi5t4o3We1fZNE42suc7Wx3VgMg9Dz3BA1UqtluYuNDmexJqjHVYEWX91NC/mW9zFxJA+MblP0JBByCCQQQSDoafqF1J5UVy0cjhPndEKhmA5IGTjntk1nXwOm2b3V6DFDH1Y85JOAABySTwAOSTirmmwXDNFNJbyRB0ztkADLkdCPWqg6nMrkVI0eV2tcztatNQGvQ6tLI2o6bbqpGlBAPKkBJ89f77DjCtwMZHOK0LzxDYnSY5l23sd4NkECLuNwT1Xafxznpg5qvqWuNBqq6NYQiXU5UDRrIwWNVOfmJ68bScDk9u+M228Bpo2pz6/o3z67cjN5NMx2Xg7rtyRH0GCoHQZ3c579Dy9TT8L6fqek28yX9950Mrg21ntBWyT/nmr/ece56dBxir/iLTtR1TSTb6Rqj6ZPvDGVEDF1HVM9V3dNy/MOo5qtoet2+urKbVHV7dgsytj5W5yMg89OvSr+s61aaDYfbL8sIdwTKDJyc9vwpMaKOl6tp2n6VJbXEKaUdOQCa2PRB0DL/AHgx6Eck8deKraJpt+dem1eOaTTtMuFY/wBklAfMkJB89j1jY85VeDnJ+Ymop/Db+Jri11nVX+y3loTLpaxEMLUkfeftIWHBB4A6YPzVoaZ4hE+qto1/GItUiUtIsZ3RkDB3A9eQwODyO/YlDE1bVLy3mmgtGiRtnyO6FtpI4JGRnntxWZplzJpdu6RbZZpn8y4uJRmSeQgAsx9cAAAYAACgAAAXtZtbk3U9xDbSTKqbgsYBLYHQD1rPsYZNSs47qyQywyA4YcYIOCCDyCCCCDyCMV505VuZ2uevThh+RXtewlzPPLqsOpWrpbXaARyuiZFxEDny3GecZJU9VJODhnVtKTV7hreOQrGSWYdD2A9/esu7WSzuLa3lhdp7p9sUSDLNj7zY7KoOSegyO5AN59Puvssa+SdwdiRkei/4UlKtbqU4Ye62F/tif+5F+R/xo/tif+5F+R/xrPs999LcRQxus1s+yWJ8Ky+hx6Ecg9D+Bp18jabZtc3imONcD1LE9AAOSSegFLmr+ZXJhvI17DUZbi68t0jAKk8A/wCNLPpaXeqx3d6/nRQYa3tiMJG/dzz8zemenbnmoNJtbgTJNLA8QaPOHwCuR0PvVz7fANUOnuTHcFN6BxgSDvtPfHcV20LuPv7nm4nlU/3e3kSXlpbahZyWt5AssMgwynP5g5yCOoI5B5FN023mtLVILi5a7KNhZZBhyvYNjqcd+M1PIRFG0krKiICzMzABQOpJqHTr2PUrZbm3VxEzHYzrt3gH7wB7HtW9onNeQG4YMflXr70faG/ur+v+NU767jsLiBLoMi3EnlpKR8gbsCe2e3qePSrXkSf3f1qrRJvMd9ob+6v6/wCNVbvUZYrkoqR4Cr1B/ug+tMS7jl1WTT4g0k0KB5ioysWcYVj2Yg5A6457jMeqW9wjSzpbyShIw22PBZsKOAM9aaULktztoL/a0/8Acj/I/wCNH9rT/wByP8j/AI1TskbUbOO6sv3sMgyrA/gQR1BByCDyCCDUd0WtLq3tpI2ae5bEcSYLEDqxHZR3P07kVfLT8iOap5nT6ZcNc2hdwoO4j5a5+xguPDesTXXiK6Ooi7cpFqjoE+zIWysJUcIvT5h9443dq3tJieGyKyrtbeTj8qx21T/hLDcabpTGG1QmK+uGClgMkFEXnk4PzHgdsnpjK19DZXtqN8QRyeIbj7Bocptr+0bJ1VAD9hYjkAHh2I6oflx17V0cMTpaxR3EpnkVAHkIC7yBy2B0z1rl4Ut/h3p0VrGp/wCEfj+SBd26S1J52ZJy6nsSSw75HTqYZknt45k+5Iodc+hGaQzmdV0u6tfEQ1q6eTU9MhAMdgIxmyYDBmQDmQnnryozt6nNjWLzTtSsI7C0gj1Sa+jEkMSSEKq54lZxygBGQw+bI+XkcSX/AIizqzaJpSo+p7Q26Yjy41wDvODlsZHyjk+w5rPg0JPBi3eqaS/npcObnVY5nAMz4+aZCcBGwOU4TA4CnOVZDuza0DS73TNHhttX1N9Wu0LFrt4ljLAkkDavHAwM98ZNU/FOjahqy2ptLrfZw7jeaU6gR6kpxiN36qBg8fdfO1sqSK09J1e11rT1vLFiYWZlUsME7SQeO3Toeara34ht9EktoJY3lubwlbaJSB5j7lUKST8uS45PH4kAmga9Rp8S6cdJ+1fvC3m/Zvsez9952M+Ts/vY59NvzZ2/NUHhbRtQ0lLn7XdbbSYqbTS0AKacozmNX6sDkcfdXG1cKAKqf8IncjVv+Em+0RHxL5Pkb8H7P5Gd32bb12558zG/dz9z93WponiG21triKKN4ri0IW4iYg+W+WUqCDzgoeRx+IIDESa/YahqWjy22kaq+k3TFSt0kSyEAHJGG45HGeozkVW0C6tbW1OlPbJp1zZoWkty+Qy55lVzy4JOSx5yfm5PN7VtWttF09r2+LCFWVSVGTycDjv17c1zd/4UsviBb2934pgL2SETWFrFMVMZI4lZ0PzMR0XJUA8gnoATRW1zrniKDWdFuG02yjYCeURg/wBpoOilT0Udn+96cHnq656HXJNJ1G30bXGEtxOQtrcRgATrnGWX+Fh3xwe3pXQ0AcnpsFx4a1SWXxHdHUXvH2R6tIgTy1J+WFlHCLzwRwx68mna/FL4juvsegTmzvrNiDrCKG+yMfvIoPEhPGVPyjjPIGHHUR4yjuNO04mLTwDFfTNjewPWNBzjI/i9OnPIjjaD4eafFaFSdAjHl22DmS2OCRGc8uvBwxyR/FnrQB1USskKLI/mOqgM5GNx9cVzOpWN7Y+JTrt9LJqmmxAGGzEQzpx27WlQDmUnnJOWUEheGYHpo5BLEki/ddQw/GsO+8QNJq8mh6OqnU1GWef/AFcKYUlyActjcPlGDnqQCDQA3W76y1WxTTLOKPVJ76JZoUSUqsaZyk5kXlACAVZfm3LleRkX9Fs7/TdDhttW1V9XvIw3mXskKRGXLEj5E+UYBA49M1hwaGngaG71HSS01rM7XeqxzOA8shGXuEY4CtgcpwmANoQg7ug07UrfWdLW9sSzQyF1UsuCdrFTx1HIPB5HcA8UDW5U1SwOrNFDdzE2K5M9qFwLg8YVz3TrlejcA5XKm80m+Mo6KyMMFSMgj0qpdX0Vld20F0Gj+1MUjkK/Jv4whbsT2z1xjrgG35b/AN01jeRtaJS0qybSY5LeCYtZgj7PAwz9nHdFbP3fQfwjgcYAfr+n6jqmjtb6Rqr6Vcsyt56RhyVHVOememRyOopLK+i1CW4W0DSJbv5bSgfIzdwp746H0PHrU2raxa6FpwvL8sIgyoSoycn2q436mcrdChpOp6fpumSWdzFHpT6fHmaBm4C5++p/jBPfqSeearaPpt/J4gk1iCWTTNMnDFtMMYP2hz0mbP8Aq2/2V69W5qKfw6fFklpq+qsbaW1bztLSJg32ZiOJG7OSP4TlQPfkaGneIfM1b+xdSjEeqIpZhEcxuoGdwOcjPoeR+tWQa93FLNZzRW05t5njZY5goYxsRw2DwcHnBrnvDytoM39l6y3m6hdMX/tJhj+0GA5J/uuAPudAB8vA46G6uEtLSa4l+5CjSNjHQDJ61y9zbW/xF02S2u48+HJDtkj3FZLtlPQkENGoYdiGJHYZBAFngn8R65baj4euzp0Ns6rPqKIH+3xq2TAFPDJ1xJ1BJ2cMxPWVza6w3hu4ttK1lzOkzLHZXSBQ0g3Ku11GAGG4ZYAKe2CQtdIQDjIzjkUAFFFFAGR4i8QxeHbOK4ngkmEkmwBCBjgnv9K49/ilcb28vSo9ufl3SnOPyrY+I0fmaNaj/p4/9lNedfZvavCxuJr063LB2R9Ll2Dw1Wgp1I3fzOui+KU3mr5+lKI8/MUlJOPbIrrfDniOHxHbzSwW8kAhcKQ5BzkZ7V5J9m9q9B+HEfl6fe+8q/yowWKr1KyhN3Q8xwWGpUHOnGz06sm+Ih1OHQUutN1WWwSG4h8xIEw8uZVGN+eBg8gDJ9as+LppPs+lWn2ia2gvb5ILiWCZon2FWOA6kMuSByCD+db9xbQXkJhu4I54iQSkqBlJByDg+hGahudJ068huIbvT7WeK5x56Swqyy46bgR82MDrXu9Lef8AkfNGP4Juri40e5juJpLhLW+nt4JpXLs8aSFVyx5Y4HU8mujqK2tbeyto7ezgjt4I12pFEgVUHoAOAKlpsRx/xGtGv9N0q0SR4mn1KJA6HBUkNg/nWJ4w1WbW/C9iqEo0cS3V2FJG11YJs/773H/gFdL44vrDTLHTr3U47qRIL+N41ttud4Bxuz1XGc45rL8SWOgaBo17cT/bJo9ZuULCB1LDnd8mRgL95j16mlH9f0X9fIb3+X+dyfxD4tvNKkvGtZLVhZ7f9H8h5XkGASS4YCP8QfWrN1reszateW+mmzihtrJLrM8TOzFs/Lwwx06/pS6n4b0m4mure51i4tYtSIeWyWeNBI2ANwyu/sOA2DjpV0adpen3Ez3OpETT2yWr+fMikqAQDjA5OT/hS1t/Xb/MX9fl+hT0rxPdajHdyNDFGsVhHcooBPzMpJBOeRxWBpl9d3GsX2u3zWEkkNlDJGJISojLD+Fix2+/HNdAfCOnBfLtdUvLYLaC3nEMseZYh03ZU478rtrMt7PQptUutBtJLicNaxLLOLiLEYQZUjuTxk8EU+un9bj6f15Fmw8X3I1C9huzFdQwWZukmht3hzjOVwzHPTrxT7u58RXPhO51D7VYRRy2UkuxIXDw/LkYbf8AMffA9atafoGnT6i98NZuNUm8k202+aJldD/CyooA/DHvmq0lhpFhp93HP4huprK2t5FNmbmPESEYI+VQzYHA3E0pfC/67/8AACPxL+u3/BJvDupX32m0027eGVf7NS48xIypLFiMcsewFVdD8Saxrd9Zwj7HDG9kt1MxhZiSZGUqvzjGQvXnHoam07Q7C/tbG5sNbvhKlr5Qljlh8ySEnO1vkxxyMgA9eas6Ro+i6FLbvbahuYWq2sYlnQ713sQegySSR+FVLd/P9f8AgEr4fu/T/gmbpmuandWfhy302KwtDqNtNLIfJYpFs242oGH94jGfx45qfbrrxPfWenyRw2+pQvdCW8ikmjCrFIIztEcisdxK8FsDHfitvTNN0rTrPSLh7poBYW8kcImuIyCr7dxYjg4wORxzVDVdKg0+O3v9Lkmw1xPOL6G8hR0Mx3Mo8xfLZCexyRgfWk7X18/+AV00MC5mf+zRYahYwOlnr8ULx2yM/wBoBUMWbeSWZs85J/HrW8lkI9btbzw/pEmkxW6SNdFofJWZdpwpUfeOcHPbFZ8Njb6XpcVxdtcX1xdazHcRRwXMbv5hUBQ7n5ecZOMAZwOBXUf27uvItO1XT7jT2vFZYnd0ZWIGSMqTg4yeaNbab/8AAQuvl/wWZlr4h1iXSdKeRrL7Zq7AQgQsEgGCSW+fLcDpxS3finUdOkutPuI7ea+jlijhlRSkbCToSpJIxjpmrx0vR5NCgs4tS2JpwUxXcc6eZAQOGzjb09Rg+lNTw7pNzply819Jem4YSSX7TJvDL90gqAq49AMU3u+36ARaxrOreHtP8y/ksriSeZIoJI4XQKT1LLuYkD2PNVV8VamEvooIY9SlhhWWKaC1kiU5OCCrEkkdcA8+1X00iwv9OnNzrtzqIBVhdNcRjyCvQrsVUB9yOe9S2mnQTWdzIfEV9fBwAbn7Ui+Tj0Eaqg+pBz34pAZyeJNSOnXktrPZ6nPDGrCGK2khkjyeSY2YlgBzwRnGKu6Pql3qZuoV1OxmkWMFWjtXieJj/ejZjke+RTLXSNPn+1Xf9v3N7cGMRtei4iV4VByAPLVV688g575HFT6VaafbT3OpnWW1ObywklzNLF+7QZOP3aqo6k5Iz70eoehjaMJdMsPF32zVJpJIZ3Zr2YDcp8hDuAHAAJ4A6dKqeH4W0/WfD5kszprXFvIksu/Jv32Bhu9+C2W56j1rX0efSdat/ET6dDPfRT3BSeOQhVmPlKMJnGFIxyfrmqGmK1t4q02wv7bV7iaGJ3tVuri3dLRANpc+Xgk4O0Ftx5OO9Nbr0X5f1+ons/V/n/X6HcMSBwM03c//ADzP5in0UhkTM29Pk7nv7U7c/wDzzP5ih/8AWR/U/wAqfQAzc/8AzzP5imys3lnKEfjUtMl/1Z/D+dABuf8A55n8xRuf/nmfzFPooAZuf/nmfzFNiZvKXCE8etS0yL/Up9BQAbn/AOeZ/MUbn/55n8xT6KAIgzec3ydh3+tO3P8A88z+YoH+uf8A3R/Wn0AM3P8A88z+YprM3mJ8h796lpjf6xPx/lQAbn/55n8xRuf/AJ5n8xT6KAIpGbZ9zuO/vTtz/wDPM/mKJf8AV/iP50+gBm5/+eZ/MUbn/wCeZ/MU+igCKJm8lMJn5R3p25/+eZ/MUQ/6lP8AdH8qfQAzc/8AzzP5imozZf5P4vWpaZH1f/eoANz/APPM/mKNz/8APM/mKfRQBEzN5qfJ696duf8A55n8xQ3+tT6Gn0AM3P8A88z+YpsjNs+5/EO/vUtMl+5/wIfzFABuf/nmfzFG5/8AnmfzFPooAYWbB+Q/mKbGzeUnyH7o7ipT0NNi/wBSn+6KAE3P/wA8z+Yo3P8A88z+Yp9FAESM3zfJ/Ee9O3P/AM8z+Yoj/i/3jT6AGbn/AOeZ/MU0M3nH5P4R3+tS0wf68/7o/maADc//ADzP5ijc/wDzzP5in0UARSM20fJ/EO/vTtz/APPM/mKJfuj/AHh/On0AM3P/AM8z+YpGZtp+Q9PUVJSN90/SgBiM3lr8h6DuKXc//PM/mKWP/Vr9BTqAGbn/AOeZ/MU2Nmw3yfxHvUtMj6N/vGgA3P8A88z+Yo3P/wA8z+Yp9FAEQZvOb5P4R3+tO3P/AM8z+YoH+ub/AHR/M0+gBm5/+eZ/MU1mbenydz39qlpj/wCsj+p/lQAbn/55n8xRuf8A55n8xT6KAI3ZvLb5D09RQrNtHyHp6inP/q2+hpV+4v0oAbuf/nmfzFG5/wDnmfzFPooAijZtp+T+I9/enbn/AOeZ/MURfdP+8f50+gBm5/8AnmfzFNDN5rfIeg7/AFqWmD/XP9B/WgA3P/zzP5ijc/8AzzP5in0UARMzeYnyHv3p25/+eZ/MUN/rE/H+VPoAZuf/AJ5n8xTZGbZ9zuO/vUtMl/1f4j+dABuf/nmfzFG5/wDnmfzFPooAZuf/AJ5n8xTY2bZ9z+I9/epaZF9z/gR/maADc/8AzzP5ijc//PM/mKfRQBErN5jfJ2Henbn/AOeZ/MUL/rX+gp9ADNz/APPM/mKazN5qfJ696lpjf61PoaADc/8AzzP5ijc//PM/mKfRQBFIzbPufxDv707c/wDzzP5iiX7n/Ah/MU+gBm5/+eZ/MUFm2n5D+Yp9Ifun6UAMjZvLX5D0HcUu5/8AnmfzFLH/AKpP90U6gBm5/wDnmfzFNVm8x/k9O4qWmL/rH/CgA3P/AM8z+Yo3P/zzP5in1n6qmpKsVzpUiu8OS9pIAFuFPbd1Vhjg5xyQRyCoBbLN5q/J2Pf6U7c//PM/mKzB4i046b9veR12P5LQFD5olP8Ayz2dd/t+PTmpdKGpSmW71QiHzgvlWKhSLdRnlm6s5zzg7RgADgswBojkc1xWq3N/ompzW/g2EXSufMv7XG6OxLcmaMDGXOcmEEbj8w2ksX2Nc1K6VJ7Kyk+yynaouQoZkBxuKg8bsE4JyAcEqwBUwWGo2+mWa2tjYiOJSTzKWZmPJZmOSzE8liSSeSaxdemnZs6Y4arJXSNHQLewh0tZdNnN2twfMku5G3SXD9CznA54xjAC42gKAAOI+K//AB9aZ/uSfzWt5Ls22sm+sF8hJ8/a7bOUmOOHH91xgAsPvDggkKVm1Pw9ZeMoYZ757i3aDcieQ698c8qa5cVbE0XTpvV/5nZg74SvGtVWiv8AkeMgYGBwKOvWvQLXwDplpfLp2t3V6JZGxbXauipcDsCNvyv6joeo9AXngHTLm9bTdEurxrhD/pFy7o0dsPf5fmf0X8TxXi/2XifL7z6D+2cJ5/cVfhtxc6hj/nmn8zXe1lW/hyw8GWUtzaSXV00u2NvPkXn3+VRUX/CSJ/z5t/3+/wDsa9rCzjhKKpVXqfP4ynPHV3WoK8dPLobVTWn/AB9J+P8AKuf/AOEkT/nzb/v9/wDY1c0rW1u9UhgFsULk/N5mccE9MV1LGUZOyf5nG8BiIrmcdF5o6K5tbe8t5ILuCOeKRCjxyIGVlPUEHqD6Vwv9pX3m/YPtc/8Awie7y/7b8w+dj/njv6+X/D9pznHGd/76t7xVpOqan9kexu99lBvN7pO0KNSU4whl6pjBOPuvna3yk1Z/t7Sv7E+05/c7vs/2Xy/3nmY/1Pl9d3+zjpz05rY5jTtrW3s7eOC0gjgijQIkcaBVVR0AA6AelRTcyNmsjwrpOqaZ9re+u9llPsNlpO0MNNUZygl6vnIOPupjavygVb8Q6ZqGp6PNBouqtpN45UrdCFZdoBBI2txyMjPUZyKmSuiotJnKalc32jajNbeEo/tFux3X0W3ctgTyZIx3Y5yYuh+9xk7uk0O3sYNMR9NlNxHN+8e5ZtzzserMe57Y4xjAAAwItFuNOsdPks54Rpc1kpe4gkkzgd5A55cE87jySeeaqaVpd5deIv7YsLiTTdHkDeZYtECb1iMCY55ix7ct1Pao5Wac6OiP3RXLeIml0y+W68OxibWZxzYbtqXajvIf4MdpPw57dZcWrS2skcExhlZGCS7Q2xiOGweDg84rm/Dts2iXH9n6/MbjVLg5/tRlCi/I9hwhA/5Zjgdq2jorGMtXcXw0sNysuoXErT6q52XXmLta3P8AzyVf4VHb16kknNdJb9Wrlr6zm8QazDP4ZvG082sii51NY1kW4QH5oAp4YH+//D/DyTXXJGEzjPPrTuKxi+JIbSGzS+MzWd9A2LSeGPfIzt/yz2f8tFbHKd+oKlQy42lXOqa3qkNv46sYtLdD5lnp0U3mw3TLz5jPgbmXGRFjC43ncQpSysF1oXiK41PxHdnUrWeRhaXjRhBpkbHiEqONv/TXqeA2AFrQ8RXFrc240oWo1C8uAHit1kKbMHiUyLzGFPIcfNkfLk1IzbChRhQAM54FRXdpbXttJBewRzQyIUdJFBDKeoOe1VNAstS07Q7e11zVjrF9Hu82+NukHm5YkfInAwCF464z3rO8U6TqeoyWktpc+dp8Ac3uj7VUagDjA83qu3BO37r52twTQBhrqN9LMLCe5m/4RUt5a6yZD50o/wCeJfrs7efnJHGd37w9zb20FpCkNrDHDGihFSNQoVR0AA7VmSa7pTaJ5/8ArInPkC08v94z4/1Xl9d3t6c9Kg8LaVqmmR3R1G9zazFTZ6btDDT0AOYxL1fOQeeF+6vAFAG8yq4w6hh6EZriNRur/RtQmtPCSGex3ZvQF3jTSerRD+Inr5XQdfUHpPEVhqepaO9vomqnSrosp88RCTKg/MnPTcONw5HUc1W0bUdPstMktpYU0p7Fc3FvI33B/fDH74J/i6k9eaALmi2mn2+mxNpjCeOTMn2hm3vMx6uzdye/5cYxWjXL6NYX83iFtXs5307RpVbOmtECbpz0nOeYv90fe6nmt6/857OaG0m+zzyRMsc+wN5TEYDbTwcHnB60m7DSuc/4iefStRFz4XhW51q5XMmnF9sd0o43yH/lmRjAfv8AdIPG254YS3uIZdQkma51OU7Lt5U2PCw/5ZBP+Warnhe+dxLEljR8OSvosp03W287VZzubUmG0aiQPvDspA/5ZjhQPl4qG7Nzr+u2974auf7OS2lQXeorGJFvY1bLW4U8MOv7zqvIXq1LmQ+VnZVh+J47aG2i1DzmtdRgbZZzRJvkkZv+WOzI8xWxyntuBVlV11vP+Unb39a5OD7ToPiC51HxLc/2lDcSuLO/aMRrpsTNkW5UcBen77q3AfG1KOZBysn8PSXOran9o8V26Wms2q7odMD74rZDx5qN/wAtWOcF8fLnYAMsX6uuU8STNrEg0vRxs1WE701Bef7NJHEh/vNj/ln0cHDfKSa27WW4s9JhS9n+2XMMCia4KCPznC/M+0cLk5OBwM0+ZPQOVpXF1iz0+502U6oVjhQbzPu2NEV5DhxypHUEVyEWqa7fypZ+I4TZ6BI21NUV9kt6OyyIAPIDdyOvbbnjTurj7fqkc98vnWsADQ2mcIJM/ff++RxtHAHJ5OCL8uspPC8U9mkkbjayM2Qw9CMVpySMueJsQ28NtEsdvEkUaqFVUUAADoMCnsiuMOoYehGa5nSLyTTt1qrNLaFx9njkbLQL3Td/Eo7Z5A4yeMaXiPT9U1PSTb6Jqh0y48xWaURhvMQfejz1Td03jleo5qXFrcpST2Obvru/0e+msvCoaXTFb/TZFXf/AGWT18lf4/Xy+ideR8tdVo9pYW2mw/2YVlhcbxPv3tKW5LljyxPUk1S0nVNNs9KkhkiTSjYKPPtpD/qvfP8AED2YdfrVTQ9P1Btfl1W3nfTtGmRsaS0QJlkJB88k8xE8/IODncfmJpDOnrk/EMlzpGqef4TgW71m6XdNphfZFcqOPNdufKYYwHx8wGwhsKU6W/huLjTrmGyuvsdzJEyQ3AjD+S5BCvtPDYODg8HFYPhvOjyHStYO7Vpjve/YYGpkDmQejYHMf8AGF+UA0AWfDEdrNbS6gJ2u9RnbZeTTR7JEZf8Aljs58pVzwnvuJZmZ21rjqtczLDca/wCIbbUfDV1/Z0FvKgu9QWMOupRK3Nuqngr1/fdV5CZ3Pjpp8fLkH86L21YWb0RzniVIIIYtQila31OI7LR413NMT/yyKfxq2OR2xuBBAIp+Hnn1TUDc+JYVt9Ztx8mnh90dqp43of8AloT0L44+6AOdyWkM+g65Pd+Jbk6itzIwtdRZBGtnGzfLAVHCjp+86twGxhal8RKdZm/s7RGMOqQHcupLgjTyR949nJH/ACzPDDrxRzxHySOmXv8ASs7WraxuNMkOpv5MUX7wThtrQsOjq3Yj/wCtz0q5ZRyQ2UMV1MbmdIgsk20J5jActtHAyecDpVOfSkvdUS5vpDNBAAbe1xhEfu7f3m9OgHpnmpkuZ3RUXyqzOZ0+6v8AV7+G08VqYLPdmyBXYNRx0aUfwnv5XQ9eeAO2QYZQOBmobyztdQtHtryHzYn6qWxj0II5BHYjkU3Tbea0tUgurp7xkYhZnUKxXPG7HBbHUjGfQVPIyueJJcQQ3UEkFzEk0MilXjkUMrA9QQeorhn1bXLVmtdEV7rw8h2trLN5k9qvcIhB88L0EhzjqQ+07um8U6JqOpR2zafeH7LCzNeabtUDUEOMR+Z1TGD04b7rcE1btdT0o6O92JRbW9sNkqSDYYCONjL2PQY75GOtLlY+dCaTa2VppkKaXta2Yb1kDlzLu5LlySWJzksSSSc1ef734D+VYGg6PfDXJtTjnk0/RriNvL0dogSZCwP2gseYyQD+6HHO4/MWFbupWU91pl1BYXjWN1JCyQ3QjWTyXK4V9p4bBwcHg4o5WHOjlNelutJ1Qy+FIFu9VuRvuNNZ9sUq9POZv+WbDGA38eNpBwpTS8NxWslrJfRztd3s7Yu55U2yBx/yz2/8s1XPCds55JLFvhyJNJY6VqxI1V8ySXjHjUSBzKD2OOsf8AGF+UA1XNlPrniK31Lw7dNp1pDIou7sRhxqSA8xBTxgf89eo6LkFqOVhzo6yD/V/jWH4ljgs44r+zbyNVQ7LQRLk3BPJiZR95T3/u/eBBFbyIEXArlNPgufD+syz+J7v+0mupCtvqjRiNYEJ+WAoOEA/vj738XOK0Wxk9WSeHDLqt6914kiWHWoFx9g3bo7RD3jP8e7vJj246HpZgBFgDAHQVzfiOOXXbj7BoEv2bVLc5/tVVDCwJ9jw5P/ADzPB79q3j5lvp8S3EhuJUVVeTaF3tjlsDgZPOKJbDjujL1u10+bTZJdRk+zLCRIt0jbXhccBlb17Y5znBBBwec025v9Y1GG28Wx/ZoFO+xi27VvyORJIOzDGRF2+982Bt3pbJbvVlu75jPFDg21t0SJu7n+83oT0HQZJJs30VrqNo9teW/mRNzjeQQR0II5Ug8gggg9K5+ZHRyS7F6NQrAKABnPAqa5tLe9t5ILyCOeGRCjxyoGVlPUEHqD6VmaWZ7e3igu7hruRW2idlCsy543AcFsYyQACeQB0qLVY21byre4crYAk3NsvH2n+6jN/wA8+pZQPm4BO3crXGcUiJU5N6I57+0r0yfYDeTnwnu8sa55p84j/nj5nXy+32nO7HGd/wC+rura1t7K3jgs4I4Io0CJHGgVVUdAAOgFVPtiGHyjbr5e3bs7Y9MY6VS0pG0kS28DlrDINtbtybb1RW7p0KqR8vIB27VWvaRJ9lPsbjKrDDAEZzyK4rUrrVtF1Ka28DWEWqKTvurKWXyorNjyWRsHk5yYu/3htyd3Ra9ZanqmhvBomqnSLxyrLdCBZdoyCV2txyMjPUZyKh8P3NpBaNp32Yadc2oLTWzPu78yBzy4J53nkk84NaGQeHILJ7Jr2GZry6nbNzczLiQuP4Cv8AXoE7e5JJ2q5RLe61rxJBqugXJ02yjcfa5xGGGpqP4Ap6Af89OvYcE11dAHO+JUisRDf6efK1cfu7WONc/au/lMo6r3z/D19QYvDm/VLqS88QxqmtxLseyJ3JZoe0f94N3k/i6cAACHSoLnw9qrt4nu/wC0Z7pysGrtGIwqk/LAUHEeOxHDdTzT/EUU2v3X2Lw5P9j1O1JB1dUDiyz1XaeJCe6HgdTyBQB1Q46Vl69a6dLpjz6jL9kEBEsd5GQskD9AyHB+bnGMEMDtIYEg3Wke2tU8xvOcAKzY27jjk47VjvD9p1kX1+ftCQY+yW+MJAcfM5H8TnJAY/dHAAyxaHOKdmXGnKSujJ0m5v8AWtUgg8ZQi0EZ8ywtQNsd8V5EzjnDjGRASdh+YlyFKdoFCjCgAZzwKyr822p2bW17beZExBGJCrKw5DKwwVYHkMCCDyDUmkzXKW0NtfXH2uZcqbgoEaQAnaWA43YxkgAE5IVQQoFUi9BulNK9i5d21veWctvexJLbyKVkSQZVh3zXDrqN9LMLC4upv+EVLbF1kuRNL/0xL9dnbz+pHGd37w7nijStT1CW0mtLoy6fbhje6RtCjUAcYHmdV24J2/dfO1uCatSa9pT6KJ/9bFIfIFqI/wB4z4/1Xl9d3t/SrMzUgghtbeOC2iSGGNQqRxqFVQOgAHQU9lVxh1DD0IzWD4W0rVNMiuTqN5m2mZWs9O2hhp6YOYxJ1f154X7q8AVa1aS4uLd7W1uGtCzAPMgy4XuFzwrH15x6VMpKO5UYuWiOc1G6v9G1Caz8JJ51juze4XeNNJ6tEP4ievldB19Qeo0W00+302JtMYTRSfvPtBbe0zHq7N1JPeorJ7fTrRLaytVihToob8ySeST3J5NVbeH7Dqr3Ng3k284JntMZRn/vr/cb16g+mean2kS/ZT7G+QGBBGQeCD3rlPELz6TqIuPC0K3OtXC5k00vsiukHG+RufLIxgPjnG0g8bdye+l+znyAiSsp2M4LKp7EgEZHtkfWqWlxRaXE+A9xczHdcXUrAyTN6nAwB6KMADgACj2kReyn2G+Gora5t5b+aU3WpSsEu3mj2PEy8iIJ/Aq54X33EsWLHeJIxgZ5rAvIfN1KHUbJvsl4hVZHA3LcRZ5jdeM9SVbqp6cFlbYtrjz93y7duO9NTi3ZA6ckrsnoooqzM5nxxH5ml24/6bf+ymuH+ze1eieJoUnsolkkEYEmckE9j6VyZtsMQORng+teHjYXrNn0uXVLUEjH+ze1dr4Fj8uxuveQfyrCS1DOAxCg9SR0rqvDECQW04jlEmXGSARjj3pYOnasmGYVb0HH0NyiuO8VanqqandQ6bqL2CafpzX52RRt9oYE/I29WwvH8ODz1qbX9S1u68I6dcaBDdC8vHi8w2axGSJCpLEeaCg7DLA9a93pc+btqdXRWJ4Uu5LnRyl1c3txdQStFOb4Q+arg8qfJVUOPUCtugRzXjK3N1/YkYjaRf7Vh3gDOFw2SfauR1K1vb3Q7y3nt5j/AGJGtnDlD+9JkGHHr+7Vef8AaNdJ8RbeW803S7WCaSF59SiQPGxBBIbH61i+MNYn1jwvYCB2idYlurvYxG1lYJsOP9sn/vg0R6+v6L8lcb3+X6v8yPxU09wuuwqi28u5fLiS0aW4uMIMMHJKqvsFzweQTWsljDqGtancz23nBtIiCO6ZycNnGe9S+IPF13pMt2beSy22e3/RWjeWWYYyTuVgIx9QfWrF5rmsy6td22lrYxw21kl1uuI3dmLZ+Thlx069vQ1Olv67MP6/FGFpdydMt7j7fHOrXOkRLD+7ZjIwBBUe/I4qHT7eS10vUZv7OMr/ANn2w2sjDPHOduCcdwDXTaX4ouNRS6k8iKNYrCO5ReSdzAkgnPI49qwNM1C/udZvdcvXspWhsoZI4mjaMRlh2YuQPfjn2qn8T/ruC2/ryG2QupPEF59juBM9xpbJFJbWht4d4zhVyScjPUk/hV2M6RP4RNjFY7tSSwlTZ9mJeN9hzk44yfzq3p/jCY315BePbXkUFmbpZrWB4gcZyvzM27p1B/CnXd54luPCtzqAn06GKWyklCLDIJIPlyMNvw5x7Lg889KUvhfp/n/wQj8S/rsUtLvrbT9UsLuRHS2k0lYlZYjgyK5ymMfe5FV/BViW1KymubVgU0dApljI2t50hxz0PStzw7ql8bi0028eGYf2clwZUjZCSWIxyx7AVV0XxLrGt31nCi2UEb2S3czGJ2JzIylVG8YyF6nOPQ54qW7+f/t3/BJXw/d+hn6Bp3nf8IaLu1LLDZXJIkThG/d4znv1qHTIF0/WYJtUt2GlQ3eoRxBoyyQyGb5CR6FQwBx39609N17VLqy8O2+mQ2Fs2pW0skjPG7JDs2/dUMCfvYxkdc54wap1G88S3llp4SK11SJ7pZrqOSVURYnEZKqjqx3ErwW498Ua82nn+f6FP4dTIt7ZbtbkaSs1rC/iWJkeKMBoxsUlgGBAHOeRjmu4l8PAMby+1C81Ka3jfyPtHlgRkqQSBGignHHOa4ua5kGm/YdRtIlFrr8cMq2iyObgFQSzZJZi2enPpzjNby2yx63aXXh3T7mxhgSRrtpYXhSRdpwu1sbjux06VOnL/X8qF9r+u7KkViLTwt4akltsWULK97H5eSflOCwxkgMQag1C3kupNSutNt5TpDXNu0iRqQJQv3yFxyMYz61rW3iPWJdI0yST7D9s1dgLdBC4SAYJJY78vwOg2+nvTrnxVqGnNdWF1Bbz6hHLFHDJGGSKTzOjFSSRjByMn61TvzfP/IOn9eZT8RG01HTC/h6JAsc8TXci2jFGjHYgbS2O4BquLCDUP7Tml1TMDwIkn9m6Y8SKwOQx3M4YjuPStrVtb1bw9pxk1N9PnkmlSK3ljjeJVLdS6lm4Hs3PtVRPF1+sd9DGlvqk8EKzRTWcLohBOCCpLHK9cA8j0pen9aB2/rqUAqahDqFtdGCS3WCMjVNOsWiZSGyFZCWDYIBPbB6Ctbw1M1xq93E8NhdwiBAL61tGg3dcxsrFskdeD36UxPEuojTbye3n07VXhjVgtrFJG8eTyWiLMSAOeCCcYx3q7o2qXuqC6iTU9LuWWMFJbeB0aJj/AH4mc5HvuH0pi/r8hfDkTRaz4hzGUVr5Sny4BHkxjimeFYnubzWNYuY2WW7vGij3DBEMR2IB7HDN/wACrEtru+0LQPGU73017d2kzMs8oAO7yUPCjgAE8D0qzYQf2brWjTXlk9i10WiSaK78xrhjGWxcKVAydpIKs3zDrjqLp6L8v+AN9fV/h/w52jKGGGGaTyk/uj8qViQOFLfSm72/55t+Y/xpANaNN6fKOp7e1P8AKT+6PypjM29P3bdT3HpTt7f882/Mf40AL5Sf3R+VMljQRnCj8qdvb/nm35j/ABpsrN5Z/dsPxFAD/KT+6Pyo8pP7o/Kk3t/zzb8x/jRvb/nm35j/ABoAXyk/uj8qZFGhiUlR09Kdvb/nm35j/GmxM3lL+7Y8eooAf5Sf3R+VHlJ/dH5Um9v+ebfmP8aN7f8APNvzH+NADRGnnMNo6Dt9af5Sf3R+VMDN5zfu26DuPenb2/55t+Y/xoAXyk/uj8qY0aeYnyjv2p29v+ebfmP8aazN5ifu279xQA/yk/uj8qPKT+6PypN7f882/Mf40b2/55t+Y/xoAbJGgThR1Hb3p/lJ/dH5UyRm2f6thyO49advb/nm35j/ABoAXyk/uj8qPKT+6PypN7f882/Mf40b2/55t+Y/xoAbFGhhQlR90dqf5Sf3R+VMiZvJT92x+UdxTt7f882/Mf40AL5Sf3R+VMSNCX+Ufe9Kdvb/AJ5t+Y/xpqM2X/dt971FAD/KT+6Pyo8pP7o/Kk3t/wA82/Mf40b2/wCebfmP8aAGtGnmp8o79qf5Sf3R+VMZm81P3bd+4p29v+ebfmP8aAF8pP7o/KmSRoE4UfeHb3p29v8Anm35j/GmyM2z/VsPmHcetAD/ACk/uj8qPKT+6PypN7f882/Mf40b2/55t+Y/xoADEmD8o/KmxxoYkJUfdHanF2wf3bfmP8abG7eUn7tj8o7j/GgB/lJ/dH5UeUn90flSb2/55t+Y/wAaN7f882/Mf40ANSNDu+UfePan+Un90flTEZvm/dt949xTt7f882/Mf40AL5Sf3R+VMEaecRtGNo7fWnb2/wCebfmP8aaGbzj+7b7o4yPegB/lJ/dH5UeUn90flSb2/wCebfmP8aN7f882/Mf40ANkjQKMKPvDt70/yk/uj8qZIzbR+7YfMO49advb/nm35j/GgBfKT+6PypGiTaflHT0o3t/zzb8x/jSM7bT+7bp6j/GgASNDGvyjoO1O8pP7o/Kmo7eWv7tug7j/ABpd7f8APNvzH+NAC+Un90flTI40IbKj7x7U7e3/ADzb8x/jTY2bDfu2+8e4oAf5Sf3R+VHlJ/dH5Um9v+ebfmP8aN7f882/Mf40ANEaecw2j7o7fWn+Un90flTAzec37tvujuPenb2/55t+Y/xoAXyk/uj8qY0ab0+UdT29qdvb/nm35j/Gmszb0/dt1PcelAD/ACk/uj8qPKT+6PypN7f882/Mf40b2/55t+Y/xoAR40EbfKOnpQsSbR8o6elDu3lt+7bp6j/GhXbaP3bdPUf40AO8pP7o/Kjyk/uj8qTe3/PNvzH+NG9v+ebfmP8AGgBscaFTlR949ven+Un90flTI2baf3bH5j3HrTt7f882/Mf40AL5Sf3R+VMEaeaw2joO31p29v8Anm35j/Gmhm81v3bdB3HvQA/yk/uj8qPKT+6PypN7f882/Mf40b2/55t+Y/xoAa0aeYnyjv2p/lJ/dH5UxmbzE/dt37inb2/55t+Y/wAaAF8pP7o/KmSRoE4UdR296dvb/nm35j/GmyM2z/VsOR3HrQA/yk/uj8qPKT+6PypN7f8APNvzH+NG9v8Anm35j/GgBfKT+6PypkcaFOVH3j296dvb/nm35j/Gmxs2z/VsfmPcetAD/KT+6Pyo8pP7o/Kk3t/zzb8x/jRvb/nm35j/ABoAasaeY/yjoO1P8pP7o/KmKzeY37tug7inb2/55t+Y/wAaAF8pP7o/KmNGnmp8o79qdvb/AJ5t+Y/xprM3mp+7bv3FAD/KT+6Pyo8pP7o/Kk3t/wA82/Mf40b2/wCebfmP8aAGyRoE4UfeHb3p/lJ/dH5UyRm2f6th8w7j1p29v+ebfmP8aAF8pP7o/KkMSbT8o/Kje3/PNvzH+NBdtp/dt+Y/xoASONDGuVHQdqXy4/7opI3by1/dt0Hcf40krExnKlfrigCuL6yOptp7EJcBPMVWXAdfVT0OO+OlTkRJ5jybFRRksTgAY5rK1i0srrT2bUJPISH94twG2tCR/ErdjXMadeXuuX0dl4mU29mDm0+XYNUA6SOP4Mf88u/3umAKsK521heWmo2oubTLRFiFdkK7sHqM9R6HvUGs6/aaGIVuhI8twSsEUa5MjZA256AksOpAqdAFKhRgDAAHaprqztr2ForuCOZGUoVkUHIPUfoKTVgOZPhW8l1MeJnlhXxEqbY0yfsyxf8APA8ZP/XXG4NyBs/dnX0bxBbazJPBEkkN1a4FzBIOYmJYbcjg8qehI6etcu2qX8V2dLiupf8AhGg/ltrm795Ec4+zBu47ef2Hy/f+eu1s7G0sLdIrGCOGNECKEUDgZwP1P5mkM5/xDutJrm9likNum0s6IWwMAE4HYdSewBNQx2k80SyRRl43AZWXkMD0INdLN/rWriNVur3QNQe28JQC8ST57y12lk04Hnz1A5bPJ8gEF+q7fm3c8sLGTvc7Y42cYqNti05ZNSjsPLka5kUv5aqTtUfxN6Dtk9TXS6UrWmmuZ1ZNrMxGOcYqlodrZQ6es9hObv7T+8kvHYM9w395iPywAAOgAAxWzCAYiCMgnkGqhh403zJkVcVKrHlaOZnMPxAsntIwy6C3y3EnKyXB6+WndAO7cHsuOoS2SD4fWaWuCdABxC+S8tsx/hYnl1PZjlgeDkch/iLdos6Xvh6ISatKNq6ah2rfKP4W7JgdJP4e+RxSeHmk1u6e78SQC31aEY/spmDpZKf7p6SE/wDPTp2GOc7HKaOvBr/QUa1Vn8wo6jGDgjNcn/Zl7/z7vXaawoXTdqgABgAAOlc/WFTBRrvnbOqlmE8PHkikzL/sy9/593rQ0Kwuodbt5JYWVQWyT2+U1JVvSv8AkJw/U/yNTHLoQakpPQ0lmtScXBxWuhpaz4gtNEaCK4WWS4usrbwxLkyuCo2gnABJcdSB154rH/4RS8/tT/hJ/Nh/4STZs2ZP2Xyf+ffpn/ttjfu5xs/c10t3Y2t/C8N7bxzxuhRlkUHKnGR+g/IVxP8Aat/9r/sv7VN/wjO/y/7f3nzM5x9l3emePtPp8n+s/e10nCdTo3iC01tp4rdZY7i1wtxDKuDE5LDaSMgkFD0JHTnmrOqapa6PYNeX7lIFZVZgpbGSAOB9aktLG1sIUhsreOCNECKsagYUZwP1P5mpXjSVdsqK4yDhhnkdDQBydzoB8Zm31PVC9pHbkTaXHGRvjbtNJ1DE9ozlQOuSfl09P8QbtSXRtVRYtVAJIhBMcqgZ3qewOOh5B456nD1S8vtA1CSz8KRfard/mvItu9dLB581APvZ6+SOT94Y+bPSaLY6fDYxz2Li78394bxyHeZiMFi3r2wMAdAAOKANCaZLeCSWQ4WNSzYGTgDNctcrB8QbN7U5Hh9uJnyUlumH8Kkcoo7twxPAwOT0lyob5WAIIwQR1rkvEDSaLcrd+HIRPqswx/ZasES8A45PSMj/AJ6dOxzxh2Fcvwap/wAIsYNL1d/Mt2IjsbqNBmQZACOo6MMjkDBHPByK6bOelcn4egt7+J9QvJBd6i52XAkj2/ZyDnylQ/dAP4nqSa6W36tRYLmJc6y2t3Vxo2htsljZo7y6kjBFsuSp2q3DucHbkFR1bOArUbHw3bfD23muPDsEjaW2ZL+1llaSRcD/AF0buSTgfejJwQMrhgRJqeIrWzt7Qags40+9gY/Z7iKLezOxz5ZjHMgY9U6nqCGAYY2k3mp+I9QS38b6YNEZPnttKFwJ0u8c+a0gADY7RY+XG5t2U2oZ1em6lbatYJe2Ll4JGYIxUjdtYqTg9sg1U1jxBa6NLBBKkk11dZFtBGvMrZUbcngcsOpA6+laaIka4jVVBJbCjHJOSfxJzUN5Y2l/bvFe28c0boUYOoPynBI/QH8BQBza+FbuHUz4lSWF/ETJtkj3EWzRf88BxkY/5643FuT8v7sbOja/aa4JltRIktuQs8Ui4MbZI256EgqehIrlV1S/lvBpc1zL/wAI3v2Lrm4+ZKc4+zluw7ef3Hy/f+eu3tbO2soVitII4UVQgWNQMAdB+poAg1XVrTRbE3moOyQhgpZVLYJ6cCufufDr+LpLfVtTLWb2x8zS448EwntJJ2cn+4flA/2uR1ckUcq7ZUV1znDDPNcTqV7faDfyWPhdDcWRObz5d40kHq6D+PP/ADy7fe6ZBAN3TfEAl1IaPqUYh1VFJdIwWjcAZ3q3YH0PI6e9aF/KtvBJcSZ8uKMu2Bk4Ayah0ew0+3sY5bBluBJ+8+1Mwd5SerFu5P8A9arN0qv8rqGVlwQRkEUWvoNO2pyN1axfECza3lVh4fJ+chikt2wPQEfNGgPcYZiOwzusQak/hyW30nWTvSRlisbqNAPOGQoV1XhXGRkgBSORjlRX195tEvBc+GrcXWqXAy2kq4RLsDjcW6REf3yMH7pB4xb8PW9teQPqFxML6/kO24eSPYYWBz5QjPMYU9B17kk80vZoftGdCEYoeO4rnZ9Tk1+4udH0QlGiZor66kjB+zLuZSFVgQ7ttOMgqB8xzgI3TW/8VY/iK2tLS1XUYpxp9/CSttPFEXMjMc+UYxgyq56p1J5BVgGC5EPnZkWljF8PbNYLeN/+Ee3cbmLyWbse7HLSIxPUkspPdSAnQpJ9u0pbi3VilxAHTIwSGXI4/Gsfw9Lca7fG58VWosdVtvmj0cyCRLRegkDjiZm/vgYX7gAIYt1JRY7fZGoVFXCqowAPSjls7hzNqxx5YjUhYOjpcMm9FZcBx32nocdwOlWvsNz/AM8X/Kr+r2dld6e/9oN5ccX7wTh9jQkfxq3Yj1rkYNY1rUbhLDXLdrHRHbbHrCuFbUB2UoMGDd3Y/e/h27hi/bvsR7BdzY09/t1y/wBlR5FglCO4U7d3cA9Djviui1fWLPQ7H7XqDskO4LuVC3J9h9KbbwRWsMcFvGsUUYCoiDAUVdkijmXbNGsi5zhlyKXtHMPZqBytx4bl8UXFvrOpsbK6tTv0uNMN9nz/ABSjOJC3degHQhvmrT0zxCtzqJ0m/j8jVYlLSxJloyBj5lb0O4EZ59RxWBqF9faHfSaf4a3Tabn/AEybbv8A7H9Sg/5aZ/ufwfeOV+Wup0mwsLWyibT9squC/wBoLb3lLdWL9ST60AW7u5jsrOa6nz5cEbSPtGTgDJ4/CuYvLOD4h2bQXSsPDm7+Fikt66nqGGGjjUjsQzEdlBEnVuiyRskihkYYZWGQR6VyniGW40K/+0+FbUX2q3XzSaMJBGl2vQylzkQsv98jDY2EElSoBat9YfQbm20fXW8xpWWKxu44wPtK7lUB0UYSRdw3YAQj5l25KJuTgnbisfw7bWd1atqUlwNRv5iFubiWLy2jZTnyhGcmJUPRDyOrFmJY7Fx1Wi19Bp21OXn1JvEklxpOjkpGhMd9dOg/cjJUqit95zg4JG0Dk54U17a2h+H9mtvGjHw+D8jFi8lqx7En5nQnucsD6jG234ht7aygTULaQWeoRHbbtHHuMzE58ooMbwx7de4IIzVXw+82t3bXXiW3FrqsA+XSmcOlop43BukpP98DA+6AMHK9mh+0Z09rKtzbRzxA7JYw65GDgjIqAX0H9pmwZilwE3qrKRvX1U98d8dKsxqqLtRQqquAAMACs/WbSyutPZtQk8hIf3i3Aba0JH8St2NK/JoO3PqaD4jRnchVUZZicAD1qDT7yLUbdbm13NCzEK7KV3AHqM9R6HvXIade32uX0dl4mQ21mDm0+XaNVA6SOP4P+uXfr0wB2yAKVCjAGAAO1HtGHsyDWdftNE8lblZHmuSVgijXJlfIAXJ4BJYdSB71hTeBhqupx+IdTmEPiKLm2lhLNBagdEMeQJRyQzN8xySpj+Xb1V1Z219C0V5BHPGylGWRQcg9R+grhptc1yymex0iN7zQEYrJ4gZw8lgvdRGQTPt6CToucsH2Nuog6bSvEKXmoNpV5EbfVYELTwKS6ADb8yvjlTvBGcH1AIIrSvbyGwsZ7u4JEUEbSPtGTgDJwO9QaVp9hZ2cX9nqroQXE+7e0m7BLFzyxbAJOeeKfcosjOkiq6MMMrDIIx0NTJ2RUVdnO3ljb/EO0Md5keHg2UCOUlu3U43bhho0UjthmI5wow9u21ttGu7fR9cYPNIwjs7qJABcrkAblXhHGRnACnqMcquTr091oeoGbwtbC/1K5+ebSBIEScdDMW6RMP7x4f7uCSpXQ8P2tncWp1AzjULyYjz7mWPayspzsCHmMKeidR1JJyTPOVyHT5HqK5qfU18V+fpWktstgTHfXLqMoMkFEU9WODyRgDnk4FbZ+6Pqa57xDBBYRJqFk4tdRT5LcRpn7QTz5TIPvA/mOuRitVqrmb0dgthb/D6zS1wToAOIXyXktmP8DE8up7Nyw6HIwa6GWQXVikkOWWQK68c4IzXLeHzJrVw134igEGqwjH9mMwdbNT6HpIT/AM9BwegxiuoRQsZVQAAAAAOlDjdWBSs7mWtzG2pPYHctyqBwjLjevqvqB0OOlWHjaKNpJRsRQWZmOAAOpJqLWrSyuNPaXUJfswt/3iXSttaBv7yn+nQ9CD0rm9Mu77Xb+O08UxfZLdPms4du1dTA5EzD+H18k8jqc/LjH2C7m31iXY6XTJ11CGK6tlcws3ysyFdwB6jPY9Qe4pl1cpZ3VvDch4zdMUiYqdpbsu7oCewPXBxWogwygdMiprq0gvrSS2vIUmglXa8bjIYUOigVeXYzvs83/PNvyqta3CXtxcw2oaQ2zBJHCnaG7qG6EjuB0yM1g/2rfm7/ALLN3MfDO/Z/b+8+YTnH2Xd1xnj7T6fJ/rP3ldxa2sFjax21nCkMES7UjQYCil7FFe3l2K2oana6LpYu9Qdo4U2qzBS2CSB0Fc7feF7bx9HDeeI4ZEsk/eWFtFKY3XPSV2U5JPZM7QPvAk/L1zxpKu2RFcZBwwzyO9cVql9qvh7UJLXwVpY1tD81xYGcQpYk871cgjn/AJ5dT1GOc7HOa9rrb6XewaNrhBupCEtbiFMLcr0BKj7jDuOnceg6CsTw/aWMtn9vWcahdTkGa6lTDbx/DtP+rC9Avbvk5J26AOYm1BfGMc2maYSthzHfXLrhgO8aA/xHu3YdOekcDQ/D+ySzlDHQV+W2l5eS3OCfLfu4OOG5PZvU2PEUMOmpHqGmkQaov7u3hjTP2vv5TKOoP97+Hr0yDF4d3a1NJe+IYRHq0Y2Pprnctip/hXs+e8n8XbA4oA37j/SLRGiBYNhhx2xWSlwkmpS2GGW5jUPsZSNyn+Jc/eGeCR0PFb4AAAAwB0ArM160sZ9OM+oTmz+y/vI7xGCvbt/eUnj2wQQehBBxWcqak7msarirIikjaGJ5Zh5caKWd2OAoHUk9hRo8wvo4byBJBBJkozoV3DkA4POD1B7gg1haTd33iDUY7bxfALJI/ns7TaVTUgvIuGB6diLcklOrFsqV7WkqSTuU6zasZWseILXRpILeVJJbq6yLaFB/rWyo27jwOWHJIHX0rIXwreQ6mfEqSwv4iZNsiZItmi/54AYyMf8APXG4nk/L+7HSXtjaX9u8V7BHLGyFG3r/AAnk89ugP4CuKTVL+a7Glz3Uv/CNl9i65uxJMc4+zluw7ef3Hy/f+etTA6rRtftNcWYWokSW3IWeORcGN+QVz0JGD0JFQatcLYK91cq4gDAM6oSFz3OOg961LWztrKFYrOCOCNVChY1AwB0FSkBlKsAQRgg96mUVJalwm4O6MlYZHRXRSysMhhyCPWq5uU/tMWChnudm9lVSdg7Fj2z2z1rG1K9v9Cv5LHwuhuLEnN4du8aTnq6D+PP/ADyHT73TIPU6NZ2Vpp6HTn85Jv3jXBfe05P8TN3JrP2KNfby7EE6SRW28xO2xSxVFyx74A7moLKZNQtEubNvNiccMP5H0PtWtcfeH0rkfEEk+i3ouvDVv9s1W45fShII0vB0LljxER/fIwfukElSK9in1J9u10NW8uo7F4I593m3EgjijVSzOe+AOw6k9AK1LKIrv8xcdCM1heG44LiF9SkuPteoy/JcSvGUMJH/ACyCHmNV/u9e5JJJPRQHGcDPSmqSi7ilWclYnoooqzIy9eTfaRj/AG/6GsH7P7V02pJvhQf7X9Kzfs9cFenzTuephqvLTsZf2f2rc0CPy4Jv94fyqv8AZ60dNTZG/wBaVCnyzTHiavNTaK+reGtL1uaObUYHeSNSm6OZ49ynko20jcv+ycin3nh+wvoDFOLhV3KyeTdSRmIgYGwqwKcf3cVpUV6B5RV07TrbS7QW9mrBMliZJGkZiepZmJLE+pOatUUUAc142vtN02y0691YXbRwX8bxi1VWO8A43A/w9c45rK8RadoOgaPfXF5JeyRaxcJxblWZTkthAcALksx+prU8aQfaRocRQujarCHAGeMNmuR1OK6vtCu7e4ilP9hRraIShxIxkADD1/dqv/fRoj19f8v+AD/T/O36nW6j4Y0+5a9t5dVuLaHUmDzWqyIu9sAZBI3dhxnFXU0qwsrieSe+bzZ7VLV/NdR8qggHoOTk1xXiqQ3H9uJ+5guEZfKi+ztLczAICGRicKuc9B2JyK1hY22p63qdxcQLcA6RF5buuecMePep6f12Y/6/FGn/AMIhZonl2up3VuPsi20wjdMyRjoTlTg+4xWbDp2iyajdaDbveTs1tCss6yRbYgn3TyQSeOwIrP0u+TTbe4OpGRGutIiEO5STKwDAgep5HFVtOgFrpmpXA08PJ/Z9sPuFTyPmJI5x64qnu/67gtv68jr7Tw7Zzak99Jqs+oSmA20oZ4yrIexCqAPwxUEmmWFjpdxDc69dSWFvbyK1t5qfu02kHoAzYHTJNc9YNIfEN4um3MMr3GlssTWVuYYTIM4C8nLDjkk/hVyMaDceEWtYrWOTVFsJVaMQFpVfYd2/A4OfXvSl8L/rv/XzCO6/rt/XyNWw0K0vLexu7HWLxZFtPJEqtHvkhJyAw24GOeRg+9WNH0HS9Dlge3vmdltVtU82VTuUMzA9OSSx/KsLSb+w03VLC6crDay6SsaOqYVpFclkGP4uRx1qDwVZJPqdjLc227y9IQp5qfdbzpD36HpTlu/n/wC3f18yV8P3fp/XyOj0vR9PsLbSJzPJCLC3kiiWeWPJV9udxXIJG0dDjms/UdHTTJLe+00XMmZ7iY3dtcwq6GVtxXbLhGQn3yMDr1GdoOnx3S+DUvLbzEjsbklZEyAf3eMg/wBag02KGy1a3OsR7dHgu9QiiEq5iik875M54A27gM8U38X3/n+pXQsRWEOladHc6n9ru57vWo7iGK3likk37QFV2JCc4ycHAzgHArqP7djlvI9O1HT73TpLtWWJp/LKuQOQCjsAcc84rgraCOdZxpHmQQN4liMTpH9wbFO4BhjHORxjGK7mfQC0n23UL+4v5baN/IWRUVUJUgnCqMnHrUv4bv8ArRC+1/XdgdF019EtbOK/aMadtMN0ki74iBwScY6eoxTP+EZ026sbl57yW6kuHWR70uu5WT7pBUBRj6Vz8NjFaeFfDkk1uqWCsr348vqNpwX45AbHWob+IznUp9KidtFNxbmQQghHA/1hUDqMYziqe79f8tQOoOi21/ZS/a9ZuL3DKyzmRB5DL0K7QFB+oqWDTfMt7h21+8uS6gCYSooix6BAFz9RXPa+dOvNKZvDQgEazxNevDbs0ZjHqFwGx3AOagSys7xNTddYhFs8CLINM0+RY0YHIY/MwJ9R6daQHQwaJbSy3F6dauLi6aMRm6WSNWiUHI+4oHX1BqfTbC0try41STVGv5zEI3nkaMBEXJx8gA7nk1yyi1vYdQtZHs/s4gjJ1TS7VlCkN910ywPTJ56HnFa3hmSG41a8gWDTbuDyEzeWMBjR+uUZSSCe/B6GmHr/AFsTaJNoesx+IXs3kubae4ZLsyABGPlKDs7lduOT79sVB4fj/tObTr6S21iS0iQyWT3ptwkQK4BwjbydpwCwJ5qTTYFWTxYj20zxNckCKAYd18hBhORz2HNVdPXT49S0ZPCZIVXK3ybixSHy2wJMnhtwUDvnPvSX6L8gfX1f9fM7SikZQw5GaTyk/u0AI/8ArI/qf5U+omjXenHc/wAqf5Sf3aAHUyX/AFZ/D+dL5Sf3aZLGojOBQBLRTfKT+7R5Sf3aAHUyL/Up9BS+Un92mRRqYlyO1AEtFN8pP7tHlJ/doAQf65/90f1p9RCNfOYY7D+tP8pP7tADqY3+sT8f5UvlJ/dpjRr5icetAEtFN8pP7tHlJ/doASX/AFf4j+dPqKSNQnA7j+dP8pP7tADqKb5Sf3aPKT+7QAkP+pT/AHR/Kn1FFGphQkfwin+Un92gB1Mj6v8A71L5Sf3aYkakvx/FQBLRTfKT+7R5Sf3aAEb/AFqfQ0+omjXzU49af5Sf3aAHUyX7n/Ah/MUvlJ/dpkkahOB/EP50AS0U3yk/u0eUn92gBx6Gmxf6lP8AdFIYkweKbHGhiTj+EUAS0U3yk/u0eUn92gBI/wCL/eNPqJI1O7j+I0/yk/u0AOpg/wBef90fzNL5Sf3aYI184jH8I/rQBLRTfKT+7R5Sf3aAEl+6P94fzp9RSRqFHH8Q/nT/ACk/u0AOpG+6fpSeUn92kaNNp47UALH/AKtfoKdUaRp5a8dhTvKT+7QA6mR9G/3jS+Un92mRxqQ3H8RoAlopvlJ/do8pP7tACD/XN/uj+Zp9RCNfOYY/hH9af5Sf3aAHUx/9ZH9T/Kl8pP7tMaNd6cdz/KgCWim+Un92jyk/u0AD/wCrb6GlX7i/SmPGnltx2oWNNo47UASUU3yk/u0eUn92gBIvun/eP86fUUcalTx/Ef50/wApP7tADqYP9c/0H9aXyk/u0wRr5rcdh/WgCWim+Un92jyk/u0AI3+sT8f5U+omjXzE49af5Sf3aAHUyX/V/iP50vlJ/dpkkahOB3H86AJaKb5Sf3aPKT+7QA6mRfc/4Ef5ml8pP7tMjjUpyP4j/OgCWim+Un92jyk/u0AIv+tf6Cn1Esa+a/HYU/yk/u0AOpjf61PoaXyk/u0xo181OPWgCWim+Un92o2a3Rtruin0LYoHZsfL9z/gQ/mKfVWSW228Sx5yP4x60/zbX/nrH/32KV0HK+wXFz5G35d27PfFYH/CQXOlXzQawoks55P9GvRhRGSf9VIAMD0V+hHBwwBfYugJVQ2+HUZyVOfSuWubyTxDJcaTpCMUUtFfXMsRxAMkFFVh8znBx/CB8xz8obGUpc2mx0RhDl13NO+8RTPP/ZmixI97geZK5zHar/ebHVvROp9hkjYtJTNCsMjM7IgDSNjLn1IAA59q4y0sx4Ds1t2WR9DzxO+Xlt3P989XU/3uqnAORyvXaW4ljWdQwjljDKXUqcHkcHkfQ0RlLmCUIcrtuYmtaZeQ68mp38zX+hxqubCOEBrZx/y2OOZR/s4+XqM1b1u40260yO3WP+0pbxc2sELjLns4b+ADqX7e54q5qmsG3mWx01FutSmGUiLYWJf+ekh7KPzJ4HtjWfh+TwncT6pppbUHum36hDgBn9WhHRcf88+h/wB7rvc5rGv4e0zUtP0mOHXNTGpXasSZ1hEQC54XGTnA43dT1wKr+KdN1bUIbY6Xd4tomY3mnhQrXycfIJc/uyOT6N90lQSRr2d9a6hax3NnMksMgyrKf84PtVXV9es9FWIXfmvLOSsEUUZZpXGPkB6AnI6kDqc4BIAIU1nR18PmfKx2aDyGtzEdyt08ry8Z3dtuM1W8LabqlibqS9n8rT5tpsdKZQzWKjOQ0oJ3Fsg7eiY2gsBmqR8L3kurL4maWBNeVMJblj9mCf8API4GS2OPOxuHYbfkO1pGv2msNNFCssN1bYFzbyphoHJI2kjKk/KfukjGCOCCQCprl9OPPtbN/s8x2gXGAxUHG4hTxuxnBOQDgkMBtNXT7m10y0FvaWjKuSzM025pGPVmYjLMe5NTarbTSalKyRMynGCB7Cqn2O4/54v/AN815861ZSaR61OhQcE2tbdxkUgtNWN3YKYIZiTdW2cpI2OHXpsbOMnkEdRnBHQW121zYO0I8l23KrE7tpxwff6VhfY7j/ni/wD3zWtYK0Gmkyoy7WZiNpzjA7VVOrVlK0iK9GjGN4/mZHh2SbRrxrTxHKLrV7jpqhQIl4B0VV5EZH/PPOO4JycO8Ryy6xdLZeH3FvrEHP8AaIXctkD/AHh0cn/nn36nGM1Xugnjyzeztg6aK3E1zgpJM39yPumO78EHgc5ILSKPwFZpay730QH93cNl5YGP8Mh5Lg9m5IPB7Gum8ji5YnQXjMNIRLtjNIgUPIuE3tjk45xk9q5S+vJNNvDdSRy3GmsAJFUjfbH+/wAL8yevcdeRnHU3ebnTA8KsRJtZQVIOD7HkVzGoXVzFcCw0638/UHXcEYHZCv8Afc9h6Dqx4HcjqpfDqclVe/oLea1ZQxxLZQSXt1cLm3hjnHzj+8W2/Kg7t+QJwDp+H0eKW3W8kae6yxeRcKmSCcBcZwOgySfUmuXs/DV34XklvdPhmvluG33sWz5yf78Q7Af88xxjpzw3V6E63c9td2x8y3cFlkXoRg1btYhbon8Vabq2oLavp1zvsoSxvtLVQjagh24RZSRsIwxx0fO1ioJYWP7Z0b/hH/tGVNlj7P8AZ/JO7d93yfKxnf22Yz2xUusa/Z6L5KXImlnuci2ghj3NO4IGwE4UMdw+8QMZJICsRif8Ite/2t/wlHm2/wDwkGzb9n3H7L5eP9VnGd2OPP27v9nZ+7rnOgveFdN1bT1un1G52WUxU2OlsodtPQbso0oJ3k5U46JjapYAMdLUhcz2rwWdx9lkYgGYJvKrnnaDwGxnBOQDzg9Ki0fX7PWvOS2E0U9tgXME0e1oHJI2EjKlhtP3SRjBBIZSX6ldw6fA91dlkgUjc4QsFBOMnA4A7k8AcmmgYun29tplmttZw7EBySWyzserMTySe5NVoLD7FqrXNhL5NvNk3FqVyjt2demxvXqD6Z5q4oLqGQblYZBHIIqu97Amox2BYm5kUuI1UsVUd2x90dsnGTxTsidS1OzSRHy8LIVIUsMgHsSOM/mKztM0qLTw8srtc3k3M9y+Azn0A/hUdlHStCUmKEuysQoJIVST+AHJ+lQWV3DqFolzZyCWJ+jD+RHY+xpgVLzSllvo7+xlNpeKQrvt3LMmeVdeM8dDnIPtkHVRwgJAP51TvL6CwWL7U5UzSCONFUszsewUcn19hzVoKdp4PUVMthx3OYU3Wj+JZtQ8S3Av7WaRhYXXliNNPVjxEy8jngeb/F907cLuv+JL21ntV037Ib6+n+e2t45TGyMOkpkAzEqn+PqOgDMQprXWqtrNxcaPoq5lQtHezzQ/JbLkgjaw+d2wdo5XHzHI2q9DT/DaeAYZbjRY7m709zvvYppGmnQD/lpGzcsAOsfpkr83yvjeRvyxOl0GPUrLRoLbXNRXVb5A3m3i24gEnzEj92CQMDA684z3rN8UWmq3z2sllN5unw7jfaUoCtfKcYAlJG3GCdvR87SVBzWppt9b6pZJeWLmW3k3BJNpAbBK5GeoyOD0IwRwaqavrlvo7wwzRzTXVzkW1vFGS0zAgbQThQeR1IGMk8AkHNIOWISa/o7aAJiqyWjjyFthGdzN08ry8Z3dtuMiofC1rq2nxXB1O5zbSsps9PIDNYpz8hlz+8J4Pov3QSACcxfCt9Dqh8SI0T66y4e33EWxT/nmOMhscebjce42/JW3pGtWusiUWqzJLAQs8UsZVon5+QnoSMHoSOhzggkuw5Yj/EUWqX2kyW+hagum3ZYETtEJAVB5XHbI43DJHXBqtomq6faaXJbmAabJZjN1BNJyh7uW/jB67+/seKuapqVtpFo13qDtHArBS4Rmxk8dAfzrnbrw7N4smt9V1APYtbnfp8QGWX0aYdGz/c6D69C7DliWtFivpdffU9PkNhocqt/xL3iyblz/AMthn/VD/ZA+bqcV0dyzyQt5JVJSpCM43Kp7EjIyPbI+tY+na5519/ZWoxGDVUBLxIrMjKP41bGNp98HPHateZvKt2lZHZUUsQiFmOPQDkn2FHNIOWJR0zS4dOV3Z3uLuY7p7mTG6Q/lwB2A4FMutKV9Sj1CwlNpdAqszbdyzx55V14ycfdbOVPqMqblncxX9pHc2biaGQZV16GmXl7BYNAtyxV7iQRRIqFmdj6AcnHUnoACTgCjmkHLEnkuhawlwhbLAY3Y9fasa2bbqsmpagPtd1llt/4UtoyeFRefmIxubOWPouFGpexSPa4VGJ3g4A9jWNaTLeyXEduHaS2kMU0ZQqyN7g84I5B6EEEZBrGc6ieh00qdJx94sapJFqccbeW9vdQndb3UTgPC3tkYIPdTkEcEVetNTllhSK5RGm8v948eVVmA5IU5wCe2Tj1NZl2fsNrJc3n7mGMbnkfgKKsWCSShJhDKiyRlgJIyjDK9wQCD7HmpVSo2XKlRSuvzMfXIrwa5FqN4Wv8AQ4kXfpsafNFICf32R/rQOPkxxjIyeK1L/W9LOkCWdBd21yu2OOMhzPnoqjHJNVdR1dra+GmWNu9xqkihooWUqgBz87PjG0Y5xk9BjJFZNv4Hl0bUJNc0wyXOqyZaeOZisM2fvBF5ER9CPxzkmrvIxtHoa/ha21SwhmGq3PmRSuDa2nBNmn/PMydZD74GOgyBmtjxHY6rqGkNDoWpLp11vDGRo93mIOseeqbum8ZK9QDWdo2q2+s72s1mDQsFmSSIqY27qe2R3wTWzqmr2Wi2f2rUZTHDuCllRnwT04UE1rTvrcxqpK1ijo2o6Za6TJF5Y0w2I/0m3mYBoT3JP8QPUN3qnoNjftrkupWcpsNCmRvL0ySHLSuSP3+TzEDz+7AOc7jgkgQXXh2bxTdW+s6gx0+4tTv06EYbyx2MwBw5P9zOF7HPzVq6Z4gjur46Xfxm21WJSZYFBZMDHzq+MFTkYzg9QRkEDUxJ9Q1GWDzobZUWbYfLkkBZVYjglQQSM9sjPqKz9Lki0yOQiN7i5mO64upXHmTN6nAwAOgAwAOAKsajDI967IjMCByB7VW+zTf88n/KuOVSopNI9GFKk4psZcNnVY9SsB9kucqtx/ElzGD9114+YD7rdVPqMqdKTUw0SOYTySMb/THt71Q+zTf88n/KpGgl+zIPLbO9u3sKSqVCnRo/0ynaRrHqMmoX+bu7JKxN91YI88Ki84OMZbOSfQYAfqaQ6iqSKr213CcwXMbjdGfy5B7qeDUn2eb/AJ5t+VH2eb/nm35Uva1Q9hR7fiXrG8aUJHOoMuz53T5VJxyQDnA9sn6moLnSVvtSSe+lM1tDgw2oXCh/77/3z6cAD3PNOsYZEucsjAbTyRV/BrqpXnG8jjrpQlaGxBfWNrqNo1tdxF425+9gqexB6gjsRSadBPa2yQ3dybt1YhZSoViueN3YnHUjGfQVYwaVQdw+ta8sTDmkVdVtZNTWO3a4aGzyftEUYw047Luz8q9cgDJ4GQMg3InjghSKGFY40AVUXgKB2AqrdXsFncW8N0xja5YpEWU7Wb+7u6AnsCcnBx0NWPLf+6fyp2ROpSsbD+zL+VrGXy7GYFmsiuVSTI+aM/wA85XBBOCNvzbl1G8lCzR2oVJyn7uSQb1VivBKjBIB7ZGfUU8XsDam2noxe5WPzXRVJ2LnA3EcKT2B5ODjoahvIJWumKxsRgdB7Cmoxe4OTWxU0yO30yFwiSTzzNvnuZZAZJm9WIGPoBgAcAAVHNCo1VNQsM2s7EC4H3kuE9GHHzDs3Ue4yDY+zzf88m/Kj7PN/wA8m/Kq9nAn2kzWtWW6g34K4YjGc1zVhZz6Lrskvii6+3vcuVs9S8sRpCpPEBTkIenz5+fvg4B6XTUZLUh1KnceDWLc6ivioT6TpGfs3Md9dSxkeUM48tVYcucdcYUc8nAOb0dkWtdWQeIrV9Xu1svD0vkavBz/AGkFDLZA/wB4fxk/88+/UkV0lvbPHaxxzzedKEAeQKF3sBycdsntXN2aQ/D+zS0l3voYP7u5bLywMf4ZO7g9n5OeD2NdTFKs0KSpnY6hl3Ag4PselFxnK6vp13a+IBqupzNf6HGFKWiRYNk4HMzY/wBaD+adQCCSLevS6fd6fHaRx/2jc3a77SGKTaSe0m8Z8tR139uwJwDY1HxAE1BtI0qPz9VIBCSKyxxKRnzGbuoz0XknjjkjKs9BPgtrjUtPL30Vw3m6jGw+f3khHYD/AJ5DjH3fm4YuFjZ0DTdRsNIhg1zVBql6hYvcrAIQwySBtBPQYGe+M1V8Vabqt+tq+n3O+xhLG+0tVCtqCHbhFlJGwjDHH3XztYqCWGrpup2mr2K3eny+bA5IV9pXdg4yMjkcdeh7VX1fX7PRvJS4WaW4ucrbQQplp3BA2AnChjuH3iBjJJAViEBEda0Y+H/tGVNl/wAe/wBn8k7t33fJ8rG7f22Yz2xVfwrpuq2CXTajcbLOYqbHTGAdrBBnKNKCd5OQcdExtUsAGNH/AIRa9Grf8JP5tufEGzabfe32Ty/+eWcZ3Y48/bu/2dn7utvR9fs9a85LcTRT2+FuIJo9rQuSRsJGVJG0/dJGMEEhgSALr9nql/o8tvoWprpd4xUrctAJgADkjaSOoyM9s5qv4cuLSKyawW3+w3dsM3NtI+9tx6ybz/rFbrv79wDkC/qWp2mkWLXmoSGKBSAzhC23JwCcA4Hv0FczqPhiLx6kN5ri3FnaR/NZQwSmKYg/xyMpzz1EfQDG7nhQCaOG51bxNFqXhy4+wWEb/wCmzmIOuo442IpxjH/PXr2APJHUSS7CBjP41h2esnTLuDRtbUJcuQlpNBEfLuV6ZwB8jDuDx3BxwNmdSWGATxSle2hUbN6nJ6UbnRNZdvFM4v7m5cra6p5YjQKTxDsGRGR65+fr14p/iJ5tZvFtfDcn2TV7fhtUC70sweqsvSQn/nmTjuSMDKXF3/wl0c2maWrfYuUvbqSMqU/6ZorDO/8A2ui9snpHahPAdmlnciRtFXiC6wXkibrsk7tns/JJ4POCc7yL5YnXWzuYlWVt7qoDPjG49zjtXN6rbXll4k/tfWJjqGhptMNukWP7OcAAysB/rVJz83WPsCCzL0dqdyB8EKwBGRisu/8AEH/ExfR9HQTarxkSoyxQIQD5rnjcvIAVTlm4yAGZbjtqRJa6DPEN1Z3ljHYwwjUby6XzLOGKXYVI6TeaMmJVJz5gyR0UMxCm9oVpqVjosFvrmprqt8m7zbxbYW4kyxI/dgkDAIHXnGe9YFlof/CDLcX+nGS9tJ287Uo2GZVPeWID+Ec5hHGMlBuGx+l07UrXVbFLywl823kLBJNpAbDFcjPUZHB6EYIyCKokyPFOm6rfNay2Vx5unw7jfaUqhXvlJGAsuflIwTt6PnaSoOasyazo7aAJyVls3HkLbrESzN08ry8Z3dtuMipNX1+00doYZVlmurkEW1vEhJmcEDaGPyg/MOpHGT0BIxV8L3kGqt4mSWCTXmTa9vuItmT/AJ5rxkN283G49xt+QAGh4W03VtPguDqd1m2lYGzsCAzWKc/IZc/vD0Pov3QWABNrxDZarqGjvBoWprpl2WBEzQiQFR1Tr8uRxuGSOuDTtI16z1pZfsvmpLAQs8UsZVon5yhPQkY7Ejoc4IJm1PVrPR7I3eoymKAMFLhGbBPTOAfzoAz9DvtPtNLkt2iGmyWYzdQTPyh7uW/jB67+/seBT0Syv5defU7CU6foUqtjT5Ictcuf+Wwz/qh/s/xdTjpUF34efxdNb6tqBawa2O/Tohgsvo8w6Nn/AJ59B/vdNbTfEKT3/wDZWoxm21VAS8SAtGyj+NXxjae2cHtjIoA0b23luLSZLaf7PO0bLHNsDiNiOG2nrg8471znhu3OlXD6frjmTWZss18Rhb8D+JP7uB1j/h7ZGGPTzzx21vJPKTsjQu21SxwBk4A5P0FctfQQ/EGza2y8eg7ubhGMcty4/wCeZHKID/FwW5AwvLFwsMubOfWvEUN14Yu/sMdvIq39/wCWJEvFVhmBU4DHGcy/wdBuJYL1yRhM4J5rnrXVR4dkt9H1k/KxWKwuYYvluBkKEKqPldcjPG0j5hjDKnREBvfHNFwFooooAjmTzFA96h+z1NO+xQfeoPtHvS5E9SlNx0F+z1NDH5YIqD7R71NA+9T9aORLUHUb0MHxB4oudIvGt7DTkvTb2xvLsyXPleXCDglcI25uD8p2j3qxqniH7LpNlc6bbLd3GoukdpDJL5SszKW+ZgGKgAHkKfpVfxB4YudWvnuLDUEszcWps7pXt/M3xE5+Uhl2tyeTke1Pv/DlxcafaW9nexWz6fLHJZSNbl9m1dpDjcNwIJ6be1Nbai6lzw/rP9t6a07wfZp4Znt7iEPvCSIxVgGwMjI4OBkdhWpWX4f0b+xNPeGSf7RPNNJcTyhNoeR2LNhcnAyeBk/WtSmxHK+PbnUoNN09NHu3tbm4vo4g698huD7ZArM8XeJ7uTw5p02jTvbTXEa3UrIeUjGAV/76YD860/Hl5aadZ6Ve37TLFb6lFJiGIOTgNweRge/P0rE8R6TZ6Boeoy3t9LJFqU6R2qxQhjCpcyFQNwyMljnI4x6Uo/r/AJA9/l/mdBrfix9FFxK9lGbW1KiR5rnynkJ5/dptO/Ge5HPFOvPE92mp3Fpp2lC6FvardPLJceWCpzwBtJ3cfT3FUdU8GvfTakFvbWMahz5sltvnj+ULtVieF46Y7mtODQ2gu7qee8jL3NklqQExgqCN3XvnpS1t/Xb/ADDT+vkFh4pi1Bbh4bZlSGzS6BZuWDAnbjHHSsPTtf1O/wBcur+WB/sUFpHLHawXJYkuOMrsAJ9cnj3q7F4SvbOJo7DVIU82yW1nMkBb7ucMvzDHXvmsyHRkN5e6DDPNNK9nAktwkaCOLaON2XBbOOgBp9dP63/4AdNf62N2z8XK2oXdnqMEEEltbfaWNtc+eAncH5VIbjpz9ahuvEGtyeH59QttHijhe1kmhlN4C0eFyC67OOOylvfHWmWfhFhqDzy3NmIJLRrWS3tLby1APcfMcH1zmpJdPvbTw/cWd9q9v/Z8FpJGxS3/AHhTaRljuOcD0AzSl8L/AK7/APAHH4l/Xb/gljQtcubqS1sb+3RbhrFblpEmLg5JGOVHpmq+meLrjV7y1t7PTFHnWq3UjyXOBGhdlIGEOW+XIHAPqKj07Rr50sNQsdTtxL9hFs5a3JDJnKsBu4YZPcj2qfw/4Z/sOeCSS+Scx2K2vCbdxDs27r/tYx7VUt38/wBf+ASvh+79P+CQ2Xim4ms9DjsNOa4m1SCSRfPusCIJtzvfaSfvdQOuOOcirNrX9vzWMNpZ3EWrb7hHjS9MKQiJtkhZwpyu7aB8uTkdOavaH4faxg0KWafYdOtZYWjkVQW37ecqxAxt7E9azrrS28PahDqNvNO00k90/nx2L3EWyV9/lusZ35yBhhxwc4zSdr/f/wAArpoZ8mt+TpXkpHNonk60lteyG53NJkAs5fA4ORz6Y6dK1o9SEWu2Y0HVJtVtyshvEabzUjQLkNu/hOcDHfNY4tbi0sUv9RFxLLd69HcQxxwqry/KAo2sy7M4ONxyBjIzXX/26s90mm3+n3mmTXaMIDciNlkIHIBjdgDjnBxRrbz/AOAhdf67sqW/iy6n0myujpaLNqLBbO3+1ZL8ZJc7MKABnjdx+VOm8X/Y47qG+sWTULeRIxbxS71lL/dKuQOPXIGPSl/4RzZoumQW97Gt3peDFOyZUnGDlc9CD61FN4Ue+S5urvUFN/NJHIk0SYji8v7oCknI9eabtcCzeeIr3SrN5NW0tIpWdI7dYboSJMzdtxVSuO+Vx9ary+MhZR3ialZolzbRLKEt7gSo6scZ3kLjB65HHXmpL/QbrXLBo9VvrSVo5FkhEdv+7Rl/vBmO7PpmlstBnt4rl4pdLgkkQIptLBUQeu7JJOfTNIBJvE91ZaZcXt/psJijRWSW0vVljJYgYYlVK4zknaRjv2q5Y6lqV2kwawtVYRhoZIb3zYnJ/hJ2hlP/AAEj3rOsvDM1tcXl3BdWNvNPEI/LtbXbCcHOWQsck9O3FWNE0JdL1G61CSWzj82NUaKyh8mIbcncRk889fQUAReF77UWm1wa9dxSPa3eMxjbHEvlI2BnsMnk/Wqeka3qOpePj5jGPSptPeW0gIwWAkVRI3+9kkD0xT9FuNF1SLxRP9pW70+S6b7SxXCYESBgCD8wwOvH9ap6RaaU/jSxvorW9sBLYuLOO6JIuAGDFlIkYjC4+RgDznHBw1uvT9BPZ+v6ncsSBwpb6U3e3/PJvzH+NPopDImdt6fu26nuPT607e3/ADyb8x/jQ/8ArI/qf5U+gBm9v+eTfmP8abK7GM/u2H4j/GpaZL/qz+H86ADe3/PJvzH+NG9v+eTfmP8AGn0UAM3t/wA8m/Mf402J2ES/u2PHqP8AGpaZF/qU+goAN7f88m/Mf40b2/55N+Y/xp9FAEQdvOb923Qdx7+9O3t/zyb8x/jQP9c/+6P60+gBm9v+eTfmP8aazt5ifu279x/jUtMb/WJ+P8qADe3/ADyb8x/jRvb/AJ5N+Y/xp9FAEUjts/1bDkdx6/Wnb2/55N+Y/wAaJf8AV/iP50+gBm9v+eTfmP8AGje3/PJvzH+NPooAiidhCn7tj8o5yP8AGnb2/wCeTfmP8aIf9Sn+6P5U+gBm9v8Ank35j/Gmo5y/7tvveo/xqWmR9X/3qADe3/PJvzH+NG9v+eTfmP8AGn0UARM581P3bd+4/wAadvb/AJ5N+Y/xob/Wp9DT6AGb2/55N+Y/xpsjkp/q2HzDuPX61LTJfuf8CH8xQAb2/wCeTfmP8aN7f88m/Mf40+igBhdsH9235j/Gmxu3lL+7Y/KO4/xqU9DTYv8AUp/uigBN7f8APJvzH+NG9v8Ank35j/Gn0UARI7fN+7b7x7j/ABp29v8Ank35j/GiP+L/AHjT6AGb2/55N+Y/xpoc+cf3bfdHGR7+9S0wf68/7o/maADe3/PJvzH+NG9v+eTfmP8AGn0UARSO20fu2HzDuPX607e3/PJvzH+NEv3R/vD+dPoAZvb/AJ5N+Y/xpGdtp/dt09R/jUlI33T9KAGI7eWv7tug7j/Gl3t/zyb8x/jSx/6tfoKdQAze3/PJvzH+NNjc4b92x+Y9x/jUtMj6N/vGgA3t/wA8m/Mf40b2/wCeTfmP8afRQBEHbzm/dt90cZHv707e3/PJvzH+NA/1zf7o/mafQAze3/PJvzH+NNZ23p+7bqe49PrUtMf/AFkf1P8AKgA3t/zyb8x/jRvb/nk35j/Gn0UARu7eW37tunqP8aFdto/dt09R/jTn/wBW30NKv3F+lADd7f8APJvzH+NG9v8Ank35j/Gn0UARRu20/u2PzHuPX607e3/PJvzH+NEX3T/vH+dPoAZvb/nk35j/ABpodvNb923Qdx7+9S0wf65/oP60AG9v+eTfmP8AGje3/PJvzH+NPooAiZ28xP3bd+4/xp29v+eTfmP8aG/1ifj/ACp9ADN7f88m/Mf402R22f6thyO49frUtMl/1f4j+dABvb/nk35j/Gje3/PJvzH+NPooAZvb/nk35j/GmxuQn+rY/Me49frUtMi+5/wI/wAzQAb2/wCeTfmP8aN7f88m/Mf40+igCJXbzG/dt0Hcf407e3/PJvzH+NC/61/oKfQAze3/ADyb8x/jTWc+an7tu/cf41jyeJ1jkZPspO0kZ3//AFqjPihCwP2VuP8App/9auf6zS7nX9Tr/wAv5G9vb/nk35j/ABryjx0c+LrrjHyx8f8AABXd/wDCUr/z6H/v5/8AWrG1jQbLWdRN/M9xG8yISqMuB8o9q4sa1iKXLTetz0MvjLC1ueqrJr/I88ortf8AhDtO/wCe11/30v8AhR/wh2nf89rr/vpf8K8j6nVPe+vUfM0vAH/Ityf9fT/+gpVvWrC3srd9Ws5YtOubVGbzdoCSDJYo443Akn3ycg5qbQrG30fSzBAZHVpmfLkZzhR2HtWP500OvxSeKh5lsZj/AGe6ODDG+87BJ8o/eEbdrHjPH3sF/ew65KUYvofMYp+0rSlHZsm8POfFEMWrawipPHjbpbBsWTkchw6qxk56lQADwP4j0jIsVp5caqiKAFVRgADsBXNa1P52tRr4fXbrSoPNlz+7SLnAm45yc7R97OSMAMa1LvU30/QBPeRGWZEQShXHLHAODtHf2H0FaSlFRbbMYQlKSSRMsSLI0iood8bmA5bHTJp1c1/wmkH/AD4Sf9/h/wDE0f8ACaQf8+En/f4f/E1x/WaP835nofU8R/L+X+Z0tvEkUg8tFTc+5toxkk8n61NeWFpfxtHe28cyspX51yQDjOD26Dp6CuatfGEM15DELGRS8irnzRxk/StrVGvbkJb2Mgto3J8+cNmRV9EGMZP949PQ546KVWE17rOWvRqU2lJHO/2leR+ID4XXUNtptXGpHcZFJz/oobGzzcANuJDbSMKTlh1dlp1np0KxWVvHCqqEyo5IBJ5PU8knnuSe9VV0/TV0k6Z9jBtCPmQnO45zuJ67s87uuec5pNM+2Wfm293L9qt0x9nmZv3uOcq/GDjjDd88jIyduZHPyy7Dr/8A4/H+i/8AoIqtWhcxRSTl235KqeCPQe1RfZ4f+mn5j/CueUXzM7ITSikVK07IBrHawBBYgg9+lV/s8P8A00/Mf4VbjTbYssGd3zbdx74+lVTi0yK004mHrEMegkanpbRwSsVjazwdl32ChVBIfsCAfcEUmkRpr8h1LVCkkkTMiWJB22h6EMCOXx1JGOeOOTHo4kg1xV8UfNqzJ/osobMLLj5lj4GH67gQCRyOMgLrO+bWwnhv5dYVB9olJ/dJH2EvByT/AAjr36V0HIbWoKqaaURQqqVAAGABWIsaK7uqKrPjcwHLY459a6KO1a6sUhumIk2qXKkHLY57Dv7CsXUrGTSLo3dxJJNpRAErIg32v+2cfeT17r16Zx00pJRszkqxbldENWNKjSK+QRoqAlmIUYySCSfqTTtRSzs4oFtXkvbu7H+i28TDMvqxPRUGQSx4HGMkgG/pWiS2kUb31159yMlyiBUyc8AdcDOBnmtJTTVjOMGmmPvdPtNRhaK9t45lZCh3ryASCQD1HKqeO4B7Vya6net4gfwsdR22iquNUO7zXJ3E2gbGzzgoDFiQ2xhhCcuOh8SWetSRRnRH/dBG+0xo6pNIMrxEWG0PjfgsQM4HGdyRf8U3/wAIbu+X+yfueWI28zzN+NmzG/zvM42437/9quPlZ28yNCy0+006FYrK3jhVUCDYvJAJIBPU8sx57knvWmoDRAMMgrgg96wfDdnrUcUh1t/3RRfs0burzRjLcSlRtL42ZKkjORzjc93WG1H+z2j0V4o7sMm15j8oGRnIwc8Z44+o600uXcmT5tjndXv5vCN/bWGkyxC0vWbcsyuyaYOvnfKCRHnja21QSPmUZrp9K0yDTrdjE7TyzHfNcyHLzN6k/wAgOB2rG8O3VlFaXaXaNHqS4OpfanBcnBwxbGDGRnaR8uMjAIYCDw/Jem+WXSh5fhwkmGOZvnbg/NGCuRHnoCR6j5cA1zInlZ09x94fSuS8Syt4bjk1rSl8y5kYK+njJF6x4+UKCwcDnKgkgHg11F2zyWz+RxKUYJk4AbHHY9/Y1zOjbodbKeJPm1hkP2eXP7l48ciLgYI/iHXv0xVc6FySLmhW0Vyq6xNdR311OmBNH9yJf7iA9B655PetsfcP1FcpIJ59fmbwmQiLIBqEjtiF33DKpwcyYzkgY7Hnp10ahwRyKTkmrIFFp3ZhavptrFC2pQTw6Xc2wZxdlQEwTlhIONyk5J5B5yCDzWZp9w/iy4MWsILSKBUkOlkMGnyMiV9yqTGT91cdjvw2USxc29zBr0cnil1fTDOfsTIwMUUhc+X5wwPmPy7G5UNx97aXt+KIbdhbRWwkfWmLHTxAwWRTxuZmIIWIfLvJBB4ADMUU58rNeZGxDFHCCsSKiksxCjAJOST9SSSfc1WvdNs9RhaO9t45lZCmWHIBIPB6jkA8dwD2qbSba+j09Rq8sUl3uk3tCMIQWO3AxkfLjg5x0y33jm+JLPWXSM6O5NsEb7TFE6rPINy8RFhgNt3YJIHbjO5TlYc6MCPUry416XwxJqGLSMADUfm82cnJNsGxs8xQAS27dtYYXOWHW2dhaWEax2VvHCqqF+RcEgZxk9+p6+prOk/4Rw+D1K86YcLHGiN5nmbuFC/f83f2+/u681N4cs9ajhk/tyQFSF+zoXDSIOeJCBgtjbkgkenTLHKw5kaFxBFcApPEkq7s7XUEZ9ea47U7+bwvqNvpmlzxi0vM7jMGddNH9/5QfkJOAG2qD/F2rrNatdSksCNElijuy4Iaf7oGeex/z3rN0BNNTTrtbrdDeR86mt4wL5x1Y9ChGcEfLj05FHKw5kWtO0m0sIw0a+dOxLvcyYaSRj1Jb39uMVsQ/wCr/GuX8PWt8bwS2BaPw8d32eKc4kIxwygrkRk5wCQcc9MCukmd7eBhAiySbSUV22gnsCcHA98GqjFpkykmjnfE0z+FlfWNHTzri4kVZNMG4i8YkAsoUMwcDLEqrZCn5ScEaOg2kUyDWJbyPUbu6T/j5j/1ap12Rj+Ff1Pck0mm2LQ3B1DU2W51GRdpkHCQr/cjB6D1PU96Y9lNZal9t0bYizyA3drIxEcmTzIuAdr9+mG6HBO4aWZlc2J/9WPrWBrtnCkZ1ZLuPT7u0jOLt/uFOpSQZG5PbII6gg1vgicEHjFcpJb3MHiGKTxWwewM5GnvGcwxSGQ+WJhgfOQV2MflDfL9/Y0mcou5rGSSIfDc7+KoYdY1iP7PcQlSuksGBsZMZ/eB1UtJzkEqAARtz99urXqfoawNdg83W4I9BJGuKimSQf6uKDJ/1/qpO7av3ic4wA7DbgSe20iJ74h7lIB521sgvt+bBwO+ew+gpKLuNyVinqOkWmoRkzII5gQy3EfyyRsucEN7ZP5muet9Wu9YuU0i5ukhtyzJ9viDL9vC9VjJACn+9gnodvfbc1GebVLoQTjytNC5kSOUh5z/AHWOPlX6cnPbHNm6lsbzT/sU1liBQAio23y8fdK4HykdsdK6eVnNzRNSzsbWxRY7O3jhUALhFAyB0z60+4t4bldlxFHKuc7ZFDD9frWPpOoXkObe/wAXAVwIZ9+Hdf8AbGMZHqOvoKu62mpyWJXQpIorrf8AenPy7ec/wn2/zwcaqatc2pNO9jmtR1Cfw1qlvo+m3EYs7sEmWcM40wZABOAflYnChyoBHU8LXS6dpNpp8amFBJKSWa4k+aSRmxklvfA/IelZ+iS6VHpF2LhTDLHn+01vmUuGxyZCeCpHQ/dI6cVF4djv/tXmW2+PQSG+zQ3B/fAcbTgrkIfmwCQQMZ64XI2Nu5/134D+VRVZu7fzo5BHK0MjJhZAAdhxwcHg4rK029LXZ0zVl8jUUUuu3/V3SDA8yPPpkBlPKkjOQVZodKTdy1WglZlyo7r/AFMf+839KqLdSarqPk6Q22ytpdtzesAVkZT80MQ/iIIw79FPyjLbvL2jYR3EYBZhtJ/pSdKdi414KSMaik8p9M1IW2sSk2tzJi1vVUBQxPEUg/hPZW6N0OGxudqKE3n9maOTNflQ0juP3dqh/jf1J52qOT7AEjP2Mzb6zTJrP/XH/cNWKsQaWtrEC8zyuqbWYgDcccnApfIT1b867KEXCNmefiZKpO8StTo/9Yv1FT+Qnq350qQIHU5brW9znsyzd2kF9aSW13EssMo2ujdCP8965OfWL3S7p9Ghvo5YBIkX9qzKzfYt2cRycbWkPAUkgcjfzsEun4jfWpIY/wCxCAgDfaEVwsrrxxGSMB8bsEkD167lXTr3Qx4YZrdYY9LRHE63HyhOvmCUPyGzndu5znNYcyNuVmnpum2+l2vk2oY7mLySOdzyuerM3cn/ADxVe7/4+n/D+VZHht9TW53oJI9CKv8AZILon7Qoyu0sCuQv39qsdygjdydqbN7bm4jlEUrQSumFkAB2HHBweDiqUkiXCTK9FU9NvjJctpuqoLfUo134Q/u7hOnmRk9uQCp5UnByCrMyK7l1bUAmkttsLeTE94wBEzA8xx+uDwz9AflGTu217SJPs5G/Y/8AHuf941ka9Z2+l2kmsWDx2N1axkghQEnHXy2XjOT07gnitq2UJFhc9e9czCt1B4ghbxaVkVnI0+RDmBHycK/AxJjGCRjsOes3vqVa2hJ4ex4nhj1jWFQzqNq6cQ22yYjlWV1VjJzyWUewxyejkVUgCIoVVwAoGAB6VzmtCWbXAnhkhdYVB9plJxCkeOBLwcsf4QOe/A67zNJHYRfafmlCqH2nq2OecDv7ClLYqO6MzUtItL6MyP8A6PcIfMS6iwskbAYznvxxg8EVzujX8vi6aW21eWJLe0cgW8asv29Q2FnO4AGJsZCqWHqx6DYvrWXVbwxXuF0xAD5EbndcHvvOOFH90de/pU+o2VtfwxgK9vPb8288RAaE+3HTgZU8GsOZHRyy7GlBDHBhYY0jUsWIRQBknJP4moL3TrTUYWivbeOZWQody8gEgnB6jlVPHcA9hTNNuLo28S6kkX2kNtZoWO1ueGwRkZHOOcdMnrTdUgvbvyreymFrBJn7ROrfvVXjCxjGATz8x6Y4BJyorMTTW5zC6let4gk8LHUcWiKuNUO7zXJ3ZtA2NnnBQGLFg2xhhCcuOsstPtNOhWKxto4FVAg2LyQCSMnqeSTz3JPeo/7G03+yP7L+yL9jxjy8987t2eu7d827Oc85zzSaZBe2glt72YXUMePs87N+9Ze6uMYJHHzDrnkAjJYjWaGKeFVnjSRRhgHUEZHIPNcrqF5L4TuPs+kKt5BKjSCww5NoO8g2qxEWeq4z/dyflO/qqalJpm3RJIY7rcm1p/uhcjOeDnjtx9R1qh4Xa3WG4jkWSPVlYHUBcMGlLdmyOCh52kYGOMAhgNznJ9I0q18pdQlmj1K6uAshvCAQe42DkKo7AfmTWvXJ2C3U2uNL4XKx6P53+lFziOV8/P5Awf8AgR4Ungc5I6mSXYRxmi9hpXMDxBaw6NZy61ppjtLq2j4jVQEuh2iKjqSeFI5BPfpUegIniOFNY1fy5pyCi2JVtlkSMMhV1Vi/YllB9gKqWkt1Br8LeLcSSMcafKjZgVuflPAxLjoSMEdOcinaxNPPrjDwsAmqqmLuYtiBVx8qycHL9NuBkDk8YBnmQ+VnVSqFhCqAAMAADpWNqWkWl6hmJ+y3MbeYl5EArxtjGc9xgAEHIIHPStIzsLRfOXLgDdg98c9qxL20l1a+MeobRpaY22yPk3B7+Zx90HjYMg9STnAzlJXNoRdtjH0O+k8YvJHrLxJBaSECzjVgL5QxCXJ3AZifG5VUsvqzHheyhijhBWJFRSWYhRgEnJJ+pJJPuazNSsrfUEjZfMtrq3ybe5iI3xE9ccYKnAyp4OB6CrWmT3MltGuoxxLc4YOYGJRsZwwyMjIwcc4zjJxkpSV0NxaTC90601GFo723SUMhTJHzAEg8HqOQDx3APauUi1K8uNel8Myahi0jAxqXzCScnObYNjZ5igAlt27awwucsOm1O3vbwxW1rMLa2fP2iZW/e44wqDGBnnLZ4xwMnIc2jaa2kjTfsqi0UfKinG05zuB67s87uueetdRyEtnYWmnwiKyt44UChfkXGQOmT36nr6mpbiCK4G2eJJVBBAdQRn15qrpkN7bJJb30q3McZHkT5/eOvo4xjI9R19B3m1L7YbZl0zylnYgB5idqDu2APmI9OM+tZ1NjSnuclqd/N4X1K30zS54haXmSxmDOumj++doPyE8ANtUH+LtXSadpFpYRhol86ZiXe5kw0kjHqxb39uKfYaTa2NtJHhp3n5uJZiGaY4x83t2x0AqDT9OuNLvPJtZBJpjAlYpHO+3PopxyvscY9+lYmxpyIssPlyKroykMrDIIPYiuW8Ryt4WjOraNF5s08io+mKGxdEkAsoVWYMoyxKq2VU8E4I6a6maKE+TGJJNpKKz7QT2BODj64NZWm2Xk3Bv9Sb7VqLrtMg4SJf7kY7D9T3pXSY1FtaDdH0+2u4Rql1PDqlzcqp+0BcxqoO4LGDnaoIB9cjJOa6CA4zgE9Olc89pLZ6l9s0faizSA3drI2I5MnmRcA7X79MN3wTuG/aSiTfgEYx1NOLTkKcWo6lmiiitznKepPshQ/wC1Wb9o96ta8+y1jP8At/0rB+0e9bwjdGM5WZqfaPetHTX3xv8AWua+0e9bmgvvgl/3h/KicbIISuzWopssqQxPLM6pGilmZjgKB1JNZ2keItM11pV02aRmiwWSW3khYg9GAdQWU9mGQfWsDY06KyIvE+mz60+lwfbZLiOQxu6afcGFWAyQZgnlj/vr2rXo6XDyOX8bwrcLocUi7kfVYVYeoIauQ1UzX+g3dvcq5/sCNbTLKcPIZAA3ufLVf++667x5eanaabYLot0ba5uL6OIMFByCG4OexIFZvi7xRd/8I7p0+iTtbzXMa3UjKASkYwCOf9plH50R6+v6L9Lje69P1f5mR4tuIZ31sMbWG8hZfJjkQyXbgKCGi/upnPIHGCSa1WsbHWNc1O4uoo7sf2RC0bMNwBIY7h7+9beteKX0WOe4msD9jtiqyTyzCIuT/wA8wR8/X1HPFLeeJ54tSuLSx0trr7PbLcvIZgg2nPA4PPHSp6f12/ph/X4o5bTNVg06C5bVJ/Ke60eLyTKeZiFYEL3Y8jgc1U0yG2s9O1K7SxRpRp9t86LtYbh8xLAZA9fau5sfFEGoLcNDA4SG0S6BY8sGBOMdjxWHpviHU9R165u2gm+ww2scsdrbyh2YuOMrsyT+IxVfaf8AXcS2/ryMrS5lTxDex6Nc2TtcaW3k/wBnR7IXkGcBTkhmHGTnIqyieGLnwpJBDFbS6v8AYJRJGse6YPs+bzQBkHP97v0ro7bxWh1K7sdSgjtZ7W3+0uI5xLtT/a4BU+1QXXiPVn0CfULXR9kTWsk0MrXIJXC5BdcceuBmlL4X6f5/18hx+Jf12MbRtS0nS9T0+5863t7ObSVSN0wEeRXJZBjq/I+XrVfwXZ217qenyXMCy+VpEbxiVM7W86TBwehHr1FdVoWuz3b21nfW4S5ayW5Z1k3A5JHoPTNQab4uk1a8tbez00kzWy3Tu82BGhdlI6HJ+XOO/tVS3fz/APbv+D9xK+H7v0Oe0Kwt7+PwZDewLPELG5YxyDKk/u8ZHQ/jUOnrZ22oW0eueWuhW93qEMQuP9RHIJv3YbPygbdwXPHp2rpLPxVLLZaIllYS3U2qQySJ5s4GwJtzvbb/ALXUD8Kqz65/bj2MdjBew6oXnRoYrry1jEbbZCzbSCN2ADtzz25o+19/5/oU9jmbWKCSKYaM5ht28SxeRIEyANi8qD1Hp2xjHFd1c6FJJIL3U7+S9e1jcwKY1RVYqQTgdTiuWk11bXSSkZm0Qx6ylvfzyzqWfIBZy5GMEY59AOnStWHWUTXbRNB1ttct2WQ3irMkywqFyG3IPlOcDB65qfs2/r4ULrf+t2ZsNjaWfhHw9LNBHHprsjak5ThxtO0yHuoOOvFRXoR49Tk0UFtA+0QGT7N/qmUf6wpjgrjGccV0sHiyafSrS7/szbJqDBbO388bpMjJLHHygYz34p0vi5LWK5jvbN4763kSP7MjhhIX+7tbA4PuBiqe79f8tAMPXG0eXR5D4Ua1+zieI3z2qM0Pl/7Wz5T7gHOOtQQ21hcw6p9l1myjsmgQSjSbVzDGwOQxILL04I9OtdTc+ILrT7Vn1LSmimZ0jgSKcSCZm7A4BGO+RUFz4uGmx3a6vZG2uLaNZRGkwdXRjtB3YGAD1yOKQHNxf2dc22pWsUunx24t42fU9IjYxA7vuyKuV7c/7J5wK1vCzWFzqd7a29tpV1bmBN9zpq/uZM5yjrkru7/Q1pXPiW507TJ77VNMEUMaKySxXKyRtuIAyxA29Rk4xjvVy1v9TnSUS6YkTiPfC63QeOQntuwCPyIoAzNBcWV94neK3d1hvAVhgUbmAgj+VRwM9gKpC8tNU8YaRqGiXn2+Ql1uYWcP9jiKZJIH+rbcFGDyckdjV3w9d61eLr0F/cwfbILkxwFEJjhzEjAY6kAt+NQRy6hpnizSdMj1afU5Jo3a/ikVcRIFOJeB8mXwAD159Ka3XovyB7P5/wBf5HWsMjqR9KTZ/tt+dKxwOFJ+lN3n/nm36f40gGsnzp8zdT39qfs/22/OmM53p+7bqfT0+tO3n/nm36f40ALs/wBtvzpkqYjPzN+dO3n/AJ5t+n+NNlcmM/Iw/KgB+z/bb86Nn+2350m8/wDPNv0/xo3n/nm36f40ALs/22/OmRJmJfmbp607ef8Anm36f402JyIl+Rjx7f40AP2f7bfnRs/22/Ok3n/nm36f40bz/wA82/T/ABoAaE/fN8zdB3+tP2f7bfnTA585vkboPT3p28/882/T/GgBdn+2350xk/eJ8zd+9O3n/nm36f401nPmJ8jd/SgB+z/bb86Nn+2350m8/wDPNv0/xo3n/nm36f40ANkT5PvN1Hf3p+z/AG2/OmSOdn+rYcj09frTt5/55t+n+NAC7P8Abb86Nn+2350m8/8APNv0/wAaN5/55t+n+NADYkzCnzN90d6fs/22/OmRORCnyMflHpTt5/55t+n+NAC7P9tvzpiJy/zN971p28/882/T/Gmo5y/yN972oAfs/wBtvzo2f7bfnSbz/wA82/T/ABo3n/nm36f40ANZP3qfM3fvT9n+2350xnPmp8jd/Snbz/zzb9P8aAF2f7bfnTJEwn3m+8O/vTt5/wCebfp/jTZHJT7jD5h6etAD9n+2350bP9tvzpN5/wCebfp/jRvP/PNv0/xoACnB+dvzpsafuk+ZvujvTi5wf3bfp/jTY3IiX92x+Uen+NAD9n+2350bP9tvzpN5/wCebfp/jRvP/PNv0/xoAaife+ZvvHvT9n+2350xHPzfu2+8fT/Gnbz/AM82/T/GgBdn+2350wJ++PzN90d/rTt5/wCebfp/jTQ584/I33R6e9AD9n+2350bP9tvzpN5/wCebfp/jRvP/PNv0/xoAbInyj5m+8O/vT9n+2350yRztHyN94enr9advP8Azzb9P8aAF2f7bfnSMnyn5m6etG8/882/T/GkZztP7tunt/jQAIn7tfmboO9O2f7bfnTUc+Wv7tug9P8AGl3n/nm36f40ALs/22/OmRpw3zN9496dvP8Azzb9P8abG5w3yN94+lAD9n+2350bP9tvzpN5/wCebfp/jRvP/PNv0/xoAaE/fN8zfdHf60/Z/tt+dMDnzm+Rvuj096dvP/PNv0/xoAXZ/tt+dMZPnT5m6nv7U7ef+ebfp/jTWc70/dt1Pp6fWgB+z/bb86Nn+2350m8/882/T/Gjef8Anm36f40AI6fu2+ZunrQqfKPmbp60O58tv3bdPb/GhXO0fu26e3+NADtn+2350bP9tvzpN5/55t+n+NG8/wDPNv0/xoAbGnyn5m+8e/vT9n+2350yNyFPyMfmPp607ef+ebfp/jQAuz/bb86YE/et8zdB3+tO3n/nm36f400OfNb5G6D09/egB+z/AG2/OjZ/tt+dJvP/ADzb9P8AGjef+ebfp/jQA1k/eJ8zd+9P2f7bfnTGc+YnyN39KdvP/PNv0/xoAXZ/tt+dMkT5PvN1Hf3p28/882/T/GmyOdn+rYcj09frQA/Z/tt+dGz/AG2/Ok3n/nm36f40bz/zzb9P8aAF2f7bfnTI0yn3m+8e/vTt5/55t+n+NNjchPuMfmPp60AO2f7bfnRtH99vzqvqDE6bcAow/dtycelcZWkIcyM5z5WdyE/eN87dBzmnbR/fb864SpIP+PmL/fH86v2PmR7byJJ7C7NxIRazkFzgiM+tR/YLz/n0n/79mteT/Wv/ALxpled/Z8X9o9ZZpNK3KZf2C8/59J/+/ZrUnU2tkJ7kGGGGANLJINqxqq5JJPAAxzmirx+6n+4v8qqOCjDqTPMZT+yU1t5mUMsUhBGQQp5qOf8A0WNXuv3KM6xhpPlBZmCquT3LEADuSBWNql0PBMAubWCa706R9i6ZbJvnVyCcW6fxDAJMf8KhmGAuKvaTa/2k1vrd/NDdSOnmWiwPvht0YdUP8TFTgv3BIGASDX1VdyPrsuxtQwSi1UGJwd7cbT6CsG7vP+Ei+06Vonl3UQLQX10AJIrcjho/Rpf9n+Hq2OA3XWH+oP8Avf0rH1LT4tAS51nRzb2QXdNeQMRHBcDqzN2V+vz9++ex7FLqR7dvWxg2dp/wglmYbkyPo2SzX9wxaSBj1aZz95f9s/d4B45GlrkUl/4Zd7GNrlZvLeNoV3h1JBBGOoxzml0udfHdqbu/gkt9MRyh0q6j2zFx1Fyh+71BEZ6ggnIOK29Uijg0cRQoscce1URBgKBwAB2FKWHU1yt7lQxLptSS2PMf7G1T/oG3n/fhv8KP7G1T/oG3n/fhv8K66iub+x4fzs7v7dqfyL7zmdP0jUk1O1Z9PulVZkJJgYADI9q7yR1jukt3YLNKGaOMnDOFxkgdTjIz6ZFZtv8A8fUX++P510Wo6bb6pa+RdKflYPHIh2vE46Mp7EZ/Ug8EitaeBjQVk73OatmMsS03G1in5Mv/ADzf/vk1GrBrp7ZSDPGiu8QPzKrEhSR1AJVsHvg+lZLeJdQi1seFso+oNwuqFP3Cjbu2sOn2jb8wi7r8/Tiul0zS7fS7do4NzvI3mTTSHdJM+MFmPc8AegAAGAAK19iu5j7d9ileSJaqslyywxkxxh5DtBZiFVcnuWIAHckCneTL/wA83/75NLqUEVy08FxGksMq7JI3XKupGCCD1BFcfqetyeC2itpfM1C2uM/Ztz5e1AxlpnOcQLkZlP3cgHOQar2CetyPrDWljqpHWGaGKVhHJOxWJGODIQCxCjucAnjsDV1AYrUtKNirksW4AHqaxNO0s20zXt9KLnUJV2vNjCovXYg/hXge5wCc4GOgs1V7VldQysSCCMgin7FR1uDruWljlbwR+O7NrXT5N2isQW1KBuZiP+eDj0P/AC0HQ8DnOCyiTwHZi3vXY6KCW/tCdstAx7zueoP/AD0PTgHsatal5fgeza/0yHOmghX0q3T5ix4At0H8ZP8AyzHDdsGk0x08dWgvdRgaPTAxUaVcpiTcOouEPQj/AJ5njoTmjkJ5zo7R1ljEsbB45FDI6nIYHkEHuKz9Q1+NL5tK0lobzV8AtbiQYtlPSSXHKr6Dq3QdyNJ40it1jiVURAFVVGAoHQAViahocU90dQ0/ZZ6oAB9qVBmUDokn99fr07Yovy6DtzalGw8Py+DZJtQsRJqMdwd17Eq5kT3gUdEGSfKHuV54PS6dqdjq9il5pV5Be2zkhZreQOpIOCMjuCCCOxrjdN12bxjLNYxbtPht8C5dH+a6ByN0Dd4TgjzB1IIGMZrq9MsLTTIY7XTrWG1t0JKxQxhFBPJOB6nmjm1Dk0uGra7Y6N5Md1KHu7ncLSyjIM90wxlY0JGcZBJ6KOWKqCRg/wDCLX39sf8ACUb4f7ax/wAeW4/Zdu3bjOP9bt+Xz8bscY2/LXQapotjq6xtdwjz4Mm3ukAE1uxxko/VTwM9iOCCOK53/hJtQ/tz/hFcx/2j93+1dn+j4279mOn2nZ8/k/3P3n3flqzM6DSddsdZ86O1lCXdttF3ZSECe1Y5wsiAnGcEg9GHKllIJTVtRs9JtZL3VLqGztUIDTTuEUEnAGT3JIAHc0/S9FsdIWRrSEefPg3F04BmuGGcF36seTjsBwABxTdTsLTU4ZLXUbaG6gcgtFMgZSRyDg9weaiexcNzmL/w7P4wkhv75JtPjtzusoimHf3nU9UOAfKPsW54GrYa4j3y6Vqvl2er4JW3L4+0KOskWeWX17r0PYnG1LXZvB0sNjLv1CG5yLZ3b5rUDA3Tt2hGQPMPTIBznNben6HFBdDUNQ2XmqEEfamQZiB6pH/cX6de+azNTXKttHB/KuX1G1PjWF7KHzItJV/mvoiVklcf88WHKgHjePcD1rpZESWExyKrowKsrDIIPUEUiIkUaxxqqIoCqqjAAHQAVqoXVzJzs7GJpksmhPb6LqMapER5dldIm1JsD7hH8MmMnH8XJHQgdHACCcgiqs0EVzEY7iJJYyQSjqGGQcg4PoQDVm36tT5Laic7qxjXurR61Jc6NoT2946lob6cgSw2nZo3HRpD/wA8z0HLYBAbP0zw6fAay3Glm91WzmwbtbiRri6QDo0ZOWdRknyhzySuWO1tHUdLi0j7TrWjta6fKoae8WQiKC5A5ZpT0VsZPmdR3yBiszSdfl8dmW3ittQ0O1g2/abe9iNveTBs4Kr1WI4I8wcsVYDG0mmSdTp+pWOr2Ed9pV5b31pLny7i2lWSN8Eg4ZSQcEEfUVW1bXrLSGhgmkEt9c5+yWMTAz3JGMhFJ5AyMt91RyxABNW7KxtNNs0tNOtYbS2jzshgjCIuTk4UcDkk/jVbVNEstW8uS5iC3UGfs93GAJrcnGSj9RnAyOh6EEcUAYC+Fr6HVz4mVon1hh81kGP2bbjGF44kxx5uMkcEbeK39J1yw1lZVs5h9ptyFurRyBNbMf4ZEzlTwcdiOQSCDXOr4mv5tbPhYMiagvytqgX9ww27iijp9o2/MYuy/P04rpNM0ax0hJPsUCrLMQZ7hhmWdh/E7dWPJ69OgwOKAH6lqlho9k13qt3DaW6kL5kzhQWPAUZ6kngAck9K5u+8Oz+LbiDVL4PpxtjusoCvzMM5BnX+IHr5Z6dTz06a/wBOs9UtGtdStYrqBiCY5UDDI6HnoR2PUVy+o+ILjwhcw6ZLu1BLni1mdv8Aj1GcZuG7R5IAfucDqc0AbWna/DNff2VqTRWesKpY2jSDMyj/AJaRZ5dPcdOhwa0ZwSwwCeKoadoUNtdf2he7LzVGBDXjoNyA/wACf3F9h175NVvEH/H1F/uf1rOpU9nHmNaNP2s+W9jT2t/dP5UbW/un8q5aiuf65/dO3+z/AO9+H/BOugBG7IxWJe6pH4ga60bQnt7wKXg1C6IWWG1/haJh0eXr+7/hHL4yqvN4e63H/Af61FqWmxaGt1rejta6eyhp72ORhFb3I5ZnkPRX6nzOv97cAMdNOfPHmOKrT9lNwuU9PtY/h/aGGWSSbRGYvJf3Ehea2Y9Wnc8unAG8/cAGfkGV6GWaK90gz2ciXEU8O+KSJgyyKRkFSOoI6EVz2lXQ8e2zXN5bz2mmRuY30m7j2Ts4AOLlD90YIIjP3lKschsV0phittP8i3jSKGKPZHHGoVUUDAAA6ADtV3tqZWvocsqM9zJbopaeJVaSIDLIGzgkdQDg49cGpfslz/z7y/8AfBp2paWL1o54JTbXsGfJuFHIz1Uj+JTgZB/nXO2ni651rUTolvbS2NyCyvqDx/6NNt+99nY8SNwcj+HBznFT9Zb6F/VEupvW6mS9aFAWlhZTKgGWjzyMjtn3rX1TU7LRrU3WqXMdrDuCK0rY3seiqOrMeyjJPYVU02wt9NhSC1Uhd25mY5Z2PVmPcn1rX1DTbLVbU22pWsVzDkMElUHaw6MPQjsRyO1Ln9r8h+z9j53ORvPDV34muodXvFfT5rf5rO3Zc5Gcj7QvR+eQn8J5BzzWvp2uRXN6dLvtlpq6IXeyZ/mdBx5kfd4+fvDoeDggis+/8Q3XhW9g0eXOoG6wLW5kPFsCdoNy38K54Vv4j8vXmt3TdCt7O5N/dBbvVHUrJeyIN4B/gX+6nH3Rx3OTzRyBzlp1Poeg7VymoWI8eW3kKZYNGV98d7A5Sa4YfxQuOUTkjeOXBOPkOX39ShjuHmhnjSWKRNjxuoKspGCCD1BFRAAAADAHQVLrW0sWqHMr3KmmXMulzW+ianFHC23ZYzxR7IblVH3ABwkiqM7OhUFlyAwTooRhDnjnvWLLBFcIFniSVQyuA6ggMpBU89wQCD2Iqc/6hf8AeP8ASl7a62H7C3Ug1W6bWpLjQ9NWOVceXfXMih44AR9zB4aQg52/wggt1UNT022TwJbraSPJNo7vn7dM5eWFz3nY8sp4G8/d4B4GRchgit4/Lt4kiTcW2ooUZJJJwO5JJ+pp7KHUq4DKwwQRkEUvbeQ/YeZsvzGcc8dqrbG/un8qp2UaQ7YoUWONE2oiDAUAcADsKt1caumxnKlZ2uLsb+6fypVVtw+U9fSm0q/eH1qvaC9n5mfq2s2ej+Ut3Jm5uCVtbRCDNcsP4Y1J+Y8jPYDkkAE1z8/gi41TU1169na21VSrx20TFrUFfuiVOBKw4+c4IwMY2jHW6no1jq6R/bIFM0JJguFAEsDH+JG6qeB069DkcVy9z4zu9J1YeH7i1e8viyxLqixkWcRfGwXDj/VSHIwn8RZMY3jC5Bc5rabrkN5eNpl2FtNYiQvLYO4LlAQPNTu8ZJGHAxng4YFRrOCOSCAAMn04qrpmhW1jcNfThbvVJFKy30iDzGUkHYp/hTIGEHHGeTklupQRXLzwXMSSwyLseORQyupGCCD1FNU0wdRo5/UNPHj22VAZrfRlbfDdwMUmuW7PEw5WPkjcPvgnHyEFtHTLuWwnh0bVIkhlCbbSWJNkVyqj7qjorgDlPQZXIBC3KZLBFOqieJJArB1DqDhgcgjPcHnNV7LzJ9r5GxCMR88c965+91CHxVHPpWiSQXVqcxXt8pEkURBwY17NJ7fw9+cA3m/1SfU/0rnNQsovDsU+raSIbSJMyXVrxHFN6kdlc+vc8HNUo2RDndl6xWHwDZi1vJSdFBLDUZ3y0DHr57nqD/z0PToexrobh1ubJZLdhKj4ZGQ7gwPQgjqK4nTXTxra/bNQhaPTgxUaZcJh9w6i4Q9D/sHjoTmuss0WKIxxqqIqgKqjAAHYCplH3WVCXvIrxuss8sMTB5YSBLGpyyZGRkdsjnmpfJl/55v/AN8moNT0o3cqXdnL9l1CFcRzgZDL12OP4l9u3UYrB03XZvGUs1jHv0+G3wLllbDXQORugbvCcECUdcEDGM1y8iOz2jOjs3S5YSW7LKiSlGaM7grK2GBI7gggjsRVlpokuo7Z5EWeVWeOIsAzqpAYgdSBuXJ7bh60tpbw2kMNvaxJDDEAiRouFUDoAKr6jptvqlsIrgMrIwkiljO14XGQHU9jyR7gkHIJBpJJEyk2y5sb+6fyqJZonuZLZJEaeJVeSIMCyK2dpI6gHa2PXB9K5P8A4STUDrf/AAi+Y/7R6HVAn+j4279mOn2nZ8/lf3P3n3eK6XTtNg0u1MNuGYuxeWWQ7nlc9XY9zwPoAAMAAUyS5f6nY6Pp5vNWvILK2TAaW4kCKCeAMnuTwB3NczqXhn/hOTHd6q15pdvFn7LHbyGC4ZT3lI52nr5Z9t3PA6e80+z1Sx+y6law3du2C0U0YdSRyDg9wec1y2q+JJfA0kdpPbX+t28wJt0s4zPcwKOplHXyhkDzD04BznNbnOatjrCaXcW+j661vZ3DYis5BiOK7A6LGOzgdY+vcZGcbE6ksMAnj0rJ07SI7+SDWNXa3v7kgS2xTDw2wIyDF6nH8fU9sDitW4+8PpUy2Khuctd3cfi6GbTdGeO5sGzHd38ZDxqQeUjI4aQEckfdPvwI7MR+BLNbXUZNujKSU1KduYie07n1/wCeh6ng4OMyajaReFrebVdIWG2tk+e5slASObJ6oBwJCTxj7xIB5Oai00R+NrRb7U4SNOJKppdwnzBhwftCH+MH+A8L3yazNjpnBltQ0Q3q2CpXkEeoqnGyzTTRQsJJIGCyopyYyQGAYdjgg89iK07VVRdqAKqgAADAAqpqektczpfafMLXUYl2pNjKyLnPlyD+Jck+4JJBGTk9mpah7Vx0I/Jl/wCeb/8AfJosJEuT5tu6yxhnjLxncAykqy5HcMCCOxBFYula7J45aa1iEmnWltgXQDkSXYOcPCwwTbthtswwXwwG3BNdV5ENrp4t7aJIYYotkccahVRQMAADgADjFHs0tQ9s5aWI9rf3T+VG1v7p/KqFFHt/IPq/mX9rf3T+VMuZorYobiRIhI4jQuwXcx6KM9SfSqdWbq1gvbV7a7iWaGRdro4yCKPac/QPZ8j3Jtjf3T+VRPNFHcRwSSIs0oJjjZgGfHXA6nFcnqGvz+E7qHTJd2oLcf8AHtM7f8eozjNw3aPPAc9Tx15rf0zSRZPJc3Mpur+YAS3DDHH91R/Co9PxPNICzfEQwmaYiOKJC0kj8KgHJJPYYqNEeRA6KzKwyGAyCKun7q1yuq3H/CEwfbLOGa606R9o0u2TfMHOTi3T+LoSU7AEjAGKlxTZam0jZuHW1jEl0whQsqBpDtBZiFUZPckgAdyQK0LGNl37wy9OoxmsLSLb+1jb65fyw3LOvmWccL74bdWHVT/ExBwX9CQMAnPRQHGeCenSnCKUiZzbiT0UUV0HMY3iW4a3somQgEyY5APY+tcobksxJPJOa6Hxo+zTbc/9Nv6GuL+0V20Y3hc4q0rTsai3RRgynkdM811Hhm5e4tpy5Bw4HCgdvauD+0V2Pgp99ndf9dB/KitG0LhRledi5r2kahqlrdRWupmGGa2eL7OYl2sxUgEv1FYug2mqprJ1W+0e4tBBYQ2At/MiZ5SrEmQYfG35u5B4PFdpRXEtDt/r+vuOFtNCuLfxOZLDSNSspXvnuLi+kvlkt5Y2ySoTfkE5HHljGOvr3VFFGysG7uct47u7SwtNKvL+V44bfUopDsj3k4DcdePrWH4h0i20LRNRkv78tFqE6RWYji3GFC5kK4zyMljn0A9K3PHEKXC6HDKAySarCrA9wQ1cjqzy6hoFzb3O4/2BGtqxYfelMgUN7ny1B/4HRHr6/ov+AvmD/T9XY6XVPBM+oTak0c1mDf8AS5lg3zwjaBsVuy8fqa1bfQJ47u7uJriMtc2SWxCqQAVBGfpzXEeL7i3nm1lmFnHe2zL5JnzJdjCggwjqq57j3JrWk0/T9b13Up72KO8C6TC8bP8AMAcMdw7Z9+tT0/rsx/1+KNCHwnqNjCyWF/APOsltZjJETgrkBlwffoazotDP2m+0KOeWSeSzgjklSLEce0fxZbJDY6Cqml6tBYw3T6rciOS60eLyjK3MxCsCF/vHpwKp6Vb2VlYalepYx+cunW37yJQjjcMMdwGQPU+lU93/AF3Bbf15HUWng2WLUHllaxgtpbRrV7azg8tVB/iHvU8um6na+Hp7O/1C2FhDaSRtIsLGQrsIBPOOB6VzGkzLB4gvotFlsFa40xmiTTFxE8ozjB6O/TJ61YS28K3PhSVIobWbV2sJfNVV3TF9mW80DnOR/H36UpfC/T/P+vmEfiX9dja0/RtS22Go2V7beZ9hFs++JtrJnKsBng8ng8VP4d8LTaJcQyy3STmOxW1O1MZIdm3f+PVh6JqGkaTqenzrNa2tnNpCpG6bVR5FcllGOC3I4681V8GWVpqGp6dJdW8c4h0iOSISoGCN50mGAPRh2PUVUt38/wD27/g/eSvh+79DpdC8OTWcOgySybTptrLC6OmGYvt54JAxt9+tZ1xpM3h7VIdQt5JHuJJ7ti6Wck0ZjlffsYJlgQQMHGOD61naJp9rqUPgyC/gS4g+w3LNFIMo+PLxuHQjvg9wKhsEsor62tte8v8AsC3u7+GJLkj7OkizYjVs/LgJu2g8enaj7X3/AJlP4SUWtza2i3+qiYyXWvR3EKJBtaXCgAbWI25ION3OMZrsP7ciubldNurS7sJ7pGEP2lF2yEDkAqxGcc4OK8+tYoDFKuiyCK3PiWH7O+wsqjYuMA9V9O2MY4rurnQ55pFvdVv/ALW1pG7QIkIjVWKkbjycnBNS7cmu3/2qF9r+u7G/8IzLHo2lQwXMYvdLwYpWQlGOMEEdcEGobjwncX32m7u7xF1CWSOSN4kPlx+X90YJyRyc1gQWFlaeEfD8k1vDHp07I2pyFcCQbTt8w91zjrxj2pl55Yh1IaJn/hH/ALRB5n2X/Vbf+WmzHG3GM44qn8T9f8gOn1Pw9fa9YGHWJrN2SRZIUWAtGGX+8GPIPpSWPhyazS5aCDR7OWVAii1sQqkd9x6kH0rC1saMNFkHhH7GLczxfbvshPkeX/tbPl+uOcdaht7W0mt9UWy1XTbSweBRImlI7wo+c7mwNoyOGA7daXcOxvWPhW4sp7y5tjp9m9xEI/s9tbkQNg8lkzySOPpVnQvDp0jUrq+ZbO1WaNVNvZRmOLjPzkevOM+1crAumzWmp2dt/ZtnF9njZ7/SCzW5+b7sirx25/2TycVreFV02fUL6yt7DSZIGgTzJdMO63lzkFWX7u79cEU/QXr/AFsWNDni1P8A4SWbw9qMUss12VSfZuSNxEi+vzAYzmoPB83lape6Za3dheTWpRtRuY97SSOwIGXJwSNvToOlX/DMUcereI4UjVYlvlUIFwoHkR8Y9KNItoLPxxq0FpDHBCljaBI4kCqo3TdAOBSXT0X5Dez9f1OkopGGR1I+lJsP99v0oAR/9ZH9T/Kn1EyHenzt1Pp6U/Yf77fpQA6mS/6s/h/Ol2H++36UyVCIz87fpQBLRTdh/vt+lGw/32/SgB1Mi/1KfQUuw/32/SmRITEvzt09qAJaKbsP99v0o2H++36UAIP9c/8Auj+tPqIIfOb526D096fsP99v0oAdTG/1ifj/ACpdh/vt+lMZD5ifO3f0oAlopuw/32/SjYf77fpQAkv+r/Efzp9RSIdn326j09afsP8Afb9KAHUU3Yf77fpRsP8Afb9KAEh/1Kf7o/lT6iiQmFPnYfKPSn7D/fb9KAHUyPq/+9S7D/fb9KYiHL/O33vagCWim7D/AH2/SjYf77fpQAjf61PoafUTIfNT527+lP2H++36UAOpkv3P+BD+Ypdh/vt+lMkQ7Pvt94enrQBLRTdh/vt+lGw/32/SgBx6Gmxf6lP90UhQ4Pzt+lNjQ+Unzt90elAEtFN2H++36UbD/fb9KAEj/i/3jT6iRD83zt94+lP2H++36UAOpg/15/3R/M0uw/32/SmBD5x+dvuj096AJaKbsP8Afb9KNh/vt+lACS/dH+8P50+opEO0fO33h6etP2H++36UAOpG+6fpSbD/AH2/SkZDtPzt09qAFj/1a/QU6o0Q+Wvzt0HpTth/vt+lADqZH0b/AHjS7D/fb9KZGhw3zt94+lAEtFN2H++36UbD/fb9KAEH+ub/AHR/M0+ogh85vnb7o9Pen7D/AH2/SgB1Mf8A1kf1P8qXYf77fpTGQ70+dup9PSgCWim7D/fb9KNh/vt+lAA/+rb6GlX7i/SmOh8tvnbp7UKh2j526e1AElFN2H++36UbD/fb9KAEi+6f94/zp9RRodp+dvvH09afsP8Afb9KAHUwf65/oP60uw/32/SmBD5rfO3QenvQBLRTdh/vt+lGw/32/SgBG/1ifj/Kn1EyHzE+du/pT9h/vt+lADqZL/q/xH86XYf77fpTJEOz77dR6etAEtQ3FwINuVzuqTYf77fpVO/GBHyT16/hUTbUboumlKVmO/tBf+eZ/OkW+VVxsPUnrVKiuf2kjq9lAsXl6kljcKyMB5bE4PtXKfaLT+5N+Yrfuf8AjyuP+uL/AMjXJ16OFblFtnnYtKM0kXftFp/cm/MVJBcWpuI8LNneMZI9azqktv8Aj6i/3x/OupxVjkT1Omk8nzWzv6n0pv7n/pp+YpJP9a/+8aZXOdBJ+5/6afmKtXcUr6XKbE/6T5B8ncRjft+XP44qjWvF/qI/9wfyrKq3FaGtJKTszmtDgH9tTDXSf7c2N5eceWYNwz5H+znbv/izt3cbKhSCc+IJf+EVP+g/aB/aBcjyTL5g8zyf9vG/fj5d2R9/diTU7UeOYFt7eaa10uN/MTUrZzHPI4BANu45VcEguPvAkDKkk3tIujpjW+h6hFDbSInl2bwoEhuEUfdQdFcKMlPQErkA4w55G/s4nRWqBIiFz171zP8ApI8Qxf8ACW7fs3nn+zSv+oEm87PM/wCmmNuzPGenz4z08H+rP1rC1HUYvEK3OjaMbe9Vt0F7cHEkNv2ZD2aTr8nb+LHGbTurmbVnYi1zedcj/wCEdx/bmxfOI/1Yhyced+Odv8Wc443Vo6jLJD4eje/GZtqeaEI+/wB8fjWVpsCeA7Y217PJNpLMXOp3Mm6VHPU3Dn7w4A8w9AADgDNaXiCWOfw950EiyRSFGR0bKsDyCCOoq4fEiJ/CzB/tC1/55zf99Cj+0LX/AJ5zf99Csyiu7kRxczNi2vrZruECOXJdQMketafiOfWjDH/YYG3DfaMFfMxlf9XnjdjdjPFc1Z/8f0H/AF0X+ddVqms2OkiMXk6iaYlbe3UgyzsP4UXqx57dOpwOa56sUmjek20ymk/hz/hDmDKv9l5/eB93mebv7/x+d5n/AAPfjHzVJ4bn1kJL/bAP2fav2XzSvnAbm/1uON23ZnHH61jN4bv5dYHib92upKcrpxb9wRjblv8Apvt+Xzew+X7tb+ma1Zar5sdvIFurfH2m0kIE1uTnAdeozg4PQjkEjmsbI2uRa3fTQicWMKyXWFCeY+EBOOT3wAc474xxmqGmw2tgssknm3N3cY+0XMmN0mM4GOyjJwo4GT3JJm1iaK3vXeeRIlJjQM7AAs21VHPckgAdyQKgrZRVjFydyGxVtJvFgsULaUwOIGbBtTjgJ6p22/w9uOK6mylM2nyNbgh/mC7j3xxXMvPFHJHHJIiPKSsaswBcgEkAd+AT9BXRaMypprO7BVViSScADAqZpJFQbbMfRfOGuJ/wlOP7X2H7If8Aljt2/N5X+313d8dPlzTtb8064P8AhGcf21sH2k/8shHg7fN9/wC7/F17ZpuomPxzaGy0yb/iVEhn1S3f5iw6fZ3H8QP/AC0HTtk0mnJH4EtfsmoTM+lFiw1S4fLqx6m4c9Sf+eh9gccVibHRr5n2KL7T/rdq+Zj+9jn9a5TX/tf25jq24+HOPO8n72Mc+Zjnys5zj8flzXWvIktsskTq6OAyspyGB6EGsfU9VNrKlnYxC51CZd0cOcBF6b3P8K5/E9B7HKnuHM1sUvEX2H7LafZd51LB/s37KRvzgZx28vG3dn5cY77a1NFOoLYqdZ8s3Yd93k/cxk7cfhiub07QZvB80t9bh9QhuObpFTL2464gXtEMk+WOmSRknFdXaXMN5bx3FrKk0Mqb45EbKsCOCDT5UHMyLVH1C58q209xaxyZ8+6BBkjUY4RSMbjk/MeBjoaT+ytN/sX+yvsg+x9dm47t27fv3fe37/n353bvmznmrVFOyJuVtLfULbzbbUHF1HHjyLokCSRTnh1AxuGB8w4Oegp+pvdfZXOnJG1y2AvmthVz1Y+uBzjvjFTUy4nhtwrXEqRKzKil2CgsxAUDPckgAdzQ4pjUmtinp2kW9jFMZC11c3P/AB83EoBab2PooycKOBk9ySYbDT59JvFt7MiTSmB2xO3zWx7KvqnoO3bjitWo3nhjmjiklRJJSRGjMAXwMnA74HNLkiPnkWDCZbdhG+xsEK2M4PriszTr2QXn9maxiG/AJjZRhLpR1ZPcd16j6c1qpIkVs0krqiICzMxwFA6kmua1FI/Hdr9k0+Zk0rcHOqW74dmHQ27joR/z0HuBmjbQNy9JeTX+pGy0VlKQSYu7tl3JGQeY1/vP2PZe/PFbGBACeTmsHTr+LwzFb6RrLW9nCuIrO74jin7BD2WT/Z/i7Z5rfn/1f40COSuJ7n+3oz4qCnTPtH+g7SPKEm8+X53+193Zn5d2P4ttXPFE8BFr9nWT+2/n/s7yCPMzxvznjyvu793y/d/i2VFqGqRaubjR9H+zX0h3Q3juBLBbDoyyDozYz+7/ADwDznaZoL+B2luLaa/1i0nA+1S3cjXF3EBnG1urRjJPljkEsVySRTsFzq9Hlv2sUXVxF9r3ybzD9zG87cf8Bx15ql4lGtlY/wCx8/ZtjfahEV88jcv+qzxu278Z4/SrmmX9nqcEV3pt1BeW0mdk1vIJEbBIOGHBwQR+FLqmuWWkmKK4lDXdxn7NZxkGa4IxkInU4yMnoBySBzSYIz5D4d/4Q5Nu3+y+PLCbvM83fxj+PzvM/wCB785+bNTeGxrghk/t3bswv2fJHmYy3+sxxuxtzjishfDN/DrB8UARvqbHc2mhv3AGNuV/6b7flMvcfL92ui0vWrHV1kFlOpmgIW4t2IEtux/hdOqng9eo5GRzSGJrX9qf2cf7D8n7XvXHnfd2981neHzp39nXn2nIvAP+Jp9txvzg/f7bMZ24+XGcd62NQ1Ky0mza61O6htYFIXzJnCjJ6AZ6k9AOprl9Q8P3Hi65i1O436ettzaQuvNwM5xcL/EmQCEPQ89eKALPh3+0PtoOn7h4d+b7OJ/9ZjAxtzz5ec7c849sVq6tp4vekrRPsKqwUHB9cd6Zp2vQ3F0NOvzHZ6qqktaO43SAdXj/AL6e46dDg1fuPvD6VFRJxszSnJxldHK6dGGuv7N1VjBqCqWXaPkuEHV4z3xkZXquR2IJYYjqGpfZdHlJgt5Nt3dsoKAqeYk/vN2J6LyOuQE1S2HjaH7JbSSW+mRvu/tG3fZMzjjMDjlepBcdQSBkHNXNIuTpDW+h6hFFAVXy7OWFAkVwqj7oH8LgDJX0BIyAcc/sodjq9vU7mxYWyWIkKMz78A5/Gufee6/4SGI+KwDYfaD/AGdsP7kS+afL87/bxs2Z+Xdj+Pbnph9w/Uf1rntQ1KLXBc6No32a+J3QXsrgSwWw+6yOOjSdR5fbq2ARnSPuqyMZe++aW47XZydbg/sFSNd2L5hB/di33H/X/wCznds/izu28b611u5otCV9QXNwtuDOEIwXC/Nj8c1zem2y+BLdoLmaa50qR/MfUrqTfNG5ABNw55ZcAASH7oABwq5G9dzxXOhzT28iSwy25eOSNgyupXIII4II70Sk1FjhCLkkctqGqNqVyLeRJYdO25lEcmJJz/cz/Cvrjk57VPdX2mXenrZSWLpAgXyxGwTyiv3SmB8pHbHSsqivG+s1D6H6nR7Gvo+uTo32fUIzMVkCxXAYAyL/ALQxwR7dfauj1yfVPsGNCEIut4/1x+Xbg5/pXFWv/H5D/wBdF/nXbalqVlpVubnUrqK2h3bQ0rAbmPRR6sewHJ7V6WCqSqKXMeRmNKNJx5fMztEn0oaPe/aF/e4P9qfbiu/dt+bzc8bdvT+Hb04qLw7NqIvP9GD/ANgbW+zC5J87Hy7evOz72M84xms++8P3Pie8i1afNg9tg2lu44mAOR9oX+Jc8hf4Tz1ra07XYLu6/s+7KWmqIpZ7N3G8qP40/vJz94fQ4PFehZHlXNG9gM6yeVKYpXTCPtDbDjg47/SsrTb3zbk6dqi/Z9SjQvsX7k6AgGSMnqMkZHVSQDwVJ17meK2gee4kSKGJN8kkjBVRQMkkngADvXLalar46t1gtppbbSkfzI9StZNk0jgEBrdxyq4JBkH3gSBlTkx7OL1saKpNaXL4u5NS1L7Po5/0W2lK3d4wypZThoY/7zZBDN0UgjlgQutIiJGoO48n+lY2n6lHon2bRtZFtYldsFlLGoit7kfdVEHRXxgeX/3zkA42bj7qfU/0pqnDsDqz7mImoyWGofZdY/1M8mLW7QYUkniN/wC63YHo3TrgF2o6mVuf7O0pPOv2UM277lup6O5/A4XqcHsCRSv7+LX0uNJ0gwXiNuhvLggSQwdmQ9mf/Z7dTjjNbToU8EW5tryaSbS2YudSuH3SIx6mdz16Abz0AAOAM0eyh2J9tU7nWWa7FRXdpJAmGfAG445OO1Wvl96qWUsc4SWF1kjkTcjochgRkEHuKtVnOKi7I1hJyV2L8vvSrt3Dr1ptKv3h9agsoeIxrZhj/sPGzDfaNpXzduV/1e7jfjdjPHrS6cdC/wCEWk8jyBpQjk+0/aegHPm+dv53Z3b9/Oc571a1TWrHSFjF5OonnJW3tlIMtww/hRerHkew6nA5rmbnwXdatqg1+5uXtNQDLImnpITZuVxsM6DiVxgfP1UquPuitznNDw2NV+1Hb5g0LY/2QXeftGPk27s/Nt+/jd82Mbuemrf27TLMIZTDMykJJtDBDjg47/So9M162vrlrC4K2mqxoXlsJHHmBQQN6j+OPJGHHHY4IIE97cQ2kc1xdSxwQRIXklkYKqKBkkk8AAd6mTaWhUYpvUyNMvvPuG0/Uk+zalGm9owfkmQEDzIyeq5IyOqkgHqpMcd3JqeoiLST/odvIRcXbDKuynBjj9Tnhm6Agjk5xn6nZDx3AkcE01ppUbeZFqFs+yeVsYzC45VCCQX/AI1JA+U5N7T9Uj0prfR9ZFvYyjbDZugEcNyBwqxjorY/5Z9fTIBxPPIv2cTbMCeWoy3U1ycEE416H/hKz8pk/wCJeUI8nfk43f8ATTGNuePTmuwP3R9TXN6hfReJop9J0doLuBsx3d2MSRQ88qOzSD0/hPJxRzyD2cSvrUDnWseGyf7X2D7Qf+WIjwdvm/7X93v+FdNZxslqnn/63YvmY/vY5/Wub05I/A9r9kv5mfSyxYancPl1Y9TcOepP/PQ+wOK6iKRJYBJE6ujgMrKchgehBpqTbsxOKSujLv8ATp9WvGt7xvL0pQN0SN810e4b0Ttjv344qbUdIt76KExlrW5tv+Pa4iADQ+2O6nAyp4OB3AIv0VpyRM+eRBprXTWsf9pJGlyCQ3lNlWweGGemeuO2cVX1SK+ufKtrCUW0UmfPugQZI1GOEBGNxyfmPAx0NaC/fX61E08K3KW7SoJpFZ0jLDcyqQGIHUgFlye2R60ckQ55FT+w9M/sf+y/so+yddm47t27dv3Z3b93zb87t3zZzzS6XFfW3m21/KLmOPHkXJIDyLzw4AxuHHI4Oegq9UazwvcPAsqNNGqu8YYblVs7SR1AO1seuD6UckQ55C6t/aX9mf8AEk8kXe5Nvn/d25Gc/hmqHhf7P5NwJPMGr7l/tDz8ebu529ONnXbjjGe+6tS91Gy0qwN3qd3DaW64DSzyBFBPAGT3J4A71y+qeG38cSR3d5PfaPbxAi2NpIYLiZT1809fLOAfLPXgnB4pATWH2k64T4W2/wBjed/pO/8A1Zfd8/kfjndj5c5xzmupeMORk4rF0/V49Okg0fWfs9jc8RWpXCQ3IHAEfo2P4Oo7ZFbtG407HHWcFyNfg/4S0jzC3/EvKf6jfzwf+muOme2dven6zBMdcceFj/xNgg+1k/6kLt+XzP8Ab6bcc468YqzqF5D4st5tK0d4bq0f5Lq+Uh44sH7qEcNICO33SM9RiotOMXga0Flqc3/ErBLJqlw/IY9ftDn+In/loeD3weq5UPmZ0KlrW2R5fmcgBgPXHNY1/HNrF41vqChdJQDNujZN2cciT0Ttt/i78cHYvGV7RXRgysQQQcgiqFXGKsZyk7jNTgh1BYpYt1re22fs11HjdFnGVx/EhwMqeDgHggEWtPvLm7s0j1GGOK5YMsnlPuQ4yNwzzggZwemcc4zUFTWn/H0n4/ypuKsJSdytqlrfWvlXVgv2qKPPn2oAEjrxyh6bh/dPB6ZFDX2lroy6oLzdasdqFVJZnzt2Beu/d8u3Gd3GM1oanqkGl26vNueSV/LggjGZJnwSFUdzgE+gAJOACa5pfDOoQawfE4Eb6kxy+mh/3AGNuV/6b7flMvcfL0rH2cexv7Sfc19Ls76eOS41IC3EhBitgAWiX/aYcFj3A4HTnrTtUmuo4Gj01Ea4JChpThUHdsd8enerunalb6pa+fbFhtYpJG42vE46qw7EfyIIyCDVa5/4+X+tVGEexEqku5TsNPtLK2mSRWupbnm5mmwzTHGOe2McBegFQ6fBcaVdi2gJm0wqTGsj/PbnsoP8S+meR71dorTkiR7SRPPclLYtFEZH2kohbbuPYZ7fWszTrIpc/wBo6q32jUGUqGH3IFPVIx2HAyepwM9ABfb/AFafQ/zplLkiHtJFBrSWw1H7VowAiuJd13aO2EYk/NKn91u5HRvYnJ37SQPv2gjGOtZ9XLAZL846f1ocIrVApyejLtFFFSUcp8QH2aRbH/pv/wCymvP/AD69g1DS7PVYVi1CATIjblBYjB/CsNvh/orOWH2hcnOBJwP0rso1oQjZnHWoznK8Tzvz67z4fPvsLz/rqP5VZj8A6LHIrlZ5ADna0nB/IVtafpVlpUbpp8AhVzlgGJyfxNFWtCUeVBRozjLmZcqOO5glmliimjeSEgSIrglCRkAjtxzVSddUfUlSP7J/ZzLiQlnE2f8AZxxXO+F9Lt/DeteJPJs5re0luomRvLkkMpMagtnktz1PPvXGtWdnQ6VdX019VfS01C1bUI03vaCdTKq+pTOQORzirlec21rdHXLSwFlcpe2+uz3s1wYGEZgYSYYSY2nO5Rtzn24r0ajomD3t/X9dTl/Hd/qljpliNDuPs91cXqRBtgYMCGO05B64FZ/i7xVdp4d0+40KYwTXSLcu20MUiGMjBBH3mUfnV/x1c2tja6TeX8xhht9TikJCFs4DccfzrB8QaPFoeialJqF+nk30yRWQSMt5SGQyFeOvJP4AUR/X/IH+n+Z0+seKRoyTTT2Mhtbcqss7OEBJ/ug/e69vpReeKGg1Ge0tNNmuzb263LurqoCHPr346Vlar4LutQm1No/sDPffcvJ4y08C7QNi8cLwehHU8Gte20G5S8vLiaWLNzYx22Fzwyggn6c0tbf12/zDT+vkSWXie2vxcNBFJshtUusnA3KwJx9eKw9P8S6hqOvXNyYrlNOgto5Ut4SjFyw4yMFjn2IxU0HhXVdPhZLG6tG8+xW1lMob5CoI3Lgc9ehxWfFojrPfaHHcM9zJZwRu8cZ8tNo/iPo2O1Prp/W//ADp/Xl/wTorXxVC+oXVlf25tJra3+0OvmrJhPfHQ+xqtdeJtQbQri/tNHlWM20k0EzSrjhcgsvUetVrTwdPHqEkjx6dZ2k1m1q9tZIVC5/iBwMk59PzqzJYatb+HZ7C+urJLGKzkjecK7Oy7CASOAMDk9aUvhf9d/8AgDj8S/rt/wAEtaHr0t61taXtu0d09ktyzbgQQSR2+mag0/xeNUu7W3stOmZp7dblmZ1AjQuV59T8vSq2n6Tqo+walZT2Zk+wi2cPu27Qcq44znk8HH1qbw34XudFuIJbi4il8uwW1bYCMsHZs/T5qqW7+f6/8AlfD936f8ELTxUZLLRltbO5vJtTheSPe6KQE253kAAfe7Cq1xro1lrJdOGpQakzzo1vBMqhPLbbJv3AoQGwAcZ5471Y0Hw7cWkWgSSuB/Z1rNDIjKQzF9uP/Qazp9Mm8N6rDqMUga4kuLsnMEjxtHLJvCkoCVYEDsQeaTtf7/8AgFdNCm2ura6Xss5LnR3Gspb39xcPGXcsAWYswKjjGDjGAMYFakesNBr1nHpWttrltIshuk3RSeSoXIbdGoC8jGD1zWMLa5gtBqGqhg91r8dxEkcJzKAqgAKeRnBAzjpnjNdgNatrmcadLb3FlcXUbCEXMW0SYHIBBPPfFGtvP/gIXX+u7K0Hi0z6Xa3f9myq18wW0hMi7pSRk/7oGO9Pk8XQW0Nyt5ayw3lvIkZtgQxcv93aRwQaj/4Rq4i0XSI4Jovt2lYMbOD5bnGCD3wQetQ3PhS8v2ur26uoo9QllikiEYJjj8voOcE5ycninpcC9P4ilsbV5NR0uaCQuscMayK/nM3QAj9c1FP4uisI7oarZyWk9tGsnlF1YOrHAIYcYz1z0qPVdB1DxBp5h1b+z8xSJLDEEaSMsOu/djIPpiiw8OzWaXT2+m6DYyyRhFW2tOGHcO2FJB9MfnSAnuPE0lhp015qemy28UaqyusqOj7iAPmB45I5PFW7XUr64jm8zSnidY98X75WST23DpWPY+F7qyuLy4tYdMsTcQrH9jgjY28hB5ZlwOSOOB+dSaZpMfhu4vtWukstNtmiUPbWIIiyM/ORgfMc44FAFax8Qara6T4mvNZ8l5tNlYxwxfcRRErhc9TyetTQ3mpaXqWhi91B7xNVLRSo6Koik8syAptAOPlIwc9uags/sN2viW31F5bWPUFNw6TIY2SExKhb3+6ag0SeXVNV0b+1ZPLWzjd7E+UyfbG2Fd/PTCEnb/tZ7U1+i/4Int9/6WO3Y4HQn6U3zP8AYb8qfRSGRM/zp8jdT29qd5n+w35UP/rI/qf5U+gBnmf7DflTZXzGfkb8qlpkv+rP4fzoAPM/2G/KjzP9hvyp9FADPM/2G/KmxPiJfkbp6VLTIv8AUp9BQAeZ/sN+VHmf7DflT6KAIg/75vkboO31p3mf7DflQP8AXP8A7o/rT6AGeZ/sN+VNZ/3ifI3ftUtMb/WJ+P8AKgA8z/Yb8qPM/wBhvyp9FAEUj5T7jdR296d5n+w35US/6v8AEfzp9ADPM/2G/KjzP9hvyp9FAEUT4hT5G+6O1O8z/Yb8qIf9Sn+6P5U+gBnmf7DflTUfl/kb73pUtMj6v/vUAHmf7DflR5n+w35U+igCJn/ep8jd+1O8z/Yb8qG/1qfQ0+gBnmf7DflTZHyn3G+8O3vUtMl+5/wIfzFAB5n+w35UeZ/sN+VPooAYX4PyN+VNjfESfI33R2qU9DTYv9Sn+6KAE8z/AGG/KjzP9hvyp9FAESP975G+8e1O8z/Yb8qI/wCL/eNPoAZ5n+w35U0P++PyN90dvrUtMH+vP+6P5mgA8z/Yb8qPM/2G/Kn0UARSPlR8jfeHb3p3mf7DflRL90f7w/nT6AGeZ/sN+VIz/Kfkbp6VJSN90/SgBiP+7X5G6DtS+Z/sN+VLH/q1+gp1ADPM/wBhvypsb8N8jfePapaZH0b/AHjQAeZ/sN+VHmf7DflT6KAIg/75vkb7o7fWneZ/sN+VA/1zf7o/mafQAzzP9hvyprP86fI3U9vapaY/+sj+p/lQAeZ/sN+VHmf7DflT6KAI3f8Adt8jdPShX+UfI3T0pz/6tvoaVfuL9KAG+Z/sN+VHmf7DflT6KAIo3wp+RvvHt707zP8AYb8qIvun/eP86fQAzzP9hvypof8Aet8jdB2+tS0wf65/oP60AHmf7DflR5n+w35U+saXxLBFM8ZgkJVipOR2qJ1Iw+JmlOlOp8CuajP+8T5G79qd5n+w35VinxNbllPkS8e4pf8AhKLf/n3k/MVn9Ypdzb6pX/lMnxFfXcOsOkNzPEm1TtWQgDj0FZf9p3//AD/XP/f5v8at69eWc+p+bJ56l41bCqDjj61m+fYf3rn/AL4X/GvGrTftJWl17n0FCEVSinHp2J/7Tv8A/n+uf+/zf41taZeXUmm7pLmZm85hlpCTjC1z3n2H965/74X/ABrb0ua1/ssFDMV85uqjOdq+9VRk+bf8ScRCPLpH8C/9quP+e8n/AH2aPtVx/wA95P8Avs1D59v/ANNfyH+NHn2//TX8h/jXVzeZxci7EzXVx5Ex8+TIicj5zwdprB/tK+/5/bj/AL+t/jWw09v9nnP73AhcngdNp965z7bYf9PP/fC/416+B1pvrqeJmHu1EttC3/aV9/z+3H/f1v8AGpLfUb1rmIG8uCC4BBlbnn61Q+22H/Tz/wB8L/jUlteWJu4Qv2jJdcZVfX613OKtseepa7le61bUlvJlXULoASMABM3HP1qH+2NT/wCgjd/9/wBv8a3J/Ddu9zK5upQWcnHlj1+tR/8ACM23/P3L/wB+x/jQpwsJwqXMf+2NT/6CN3/3/b/Gt65nlu7BLe6leaGe1RZY5GLLIGQbgwPBByc561D/AMIzbf8AP3L/AN+x/jW6fDnn2KeReeW/kKiM8W4AhcAkZGfpn8aic4FwhMyhfXagAXUwA4AEh4qOeaW6jEd1I8yK6SBZGLAMjBlbB7hlBB7EA9qtaZp/2i4aw1KT7LqUa7miAysqZx5kZ/iXJGe4yAQMjLP7Nkv9U+yaROHht5dt3dvHlFIPMSYPzP2J6LznJG2s+eBpyTN/QJpJtPdppGkbzSMsxJ6CqN9psfhwXOr6GtvZxZae+teI4bju0nosv+3/ABdGzwRq2VqumW5iDmTcxbOMdh/hXN/aLiXxDEvixQtssxOnIgxC8m87DJyf3gG3YDxnkfNtC88tXdHRHRWZLp88fj60NxdQvHooYo2nXKbZJmHUTofurz/qz94EE8HB6KWNLSwSG1RYYogqRpGNqoo4AAHQAdq57XJzHrkb+HVzrbIBMn/LJ4eced6YOdp+9nOMgsK1LvUGttDjmv0PmhU80IAPmPXHJ7+5oSbYNpIXzpf+ej/99Gjzpf8Ano//AH0axf8AhJLT/njN+n+NH/CSWn/PGb9P8a29nLsY+0j3NxJpDIuZG6j+I1Jquh2GsCJryBftFuS1tdKAJrZj1aN+qngZ7EcEEZFYdv4htZLmJFimBZwBnHr9a2NVl1CVI7fTCsHmkiW6bBMK+qqerHtngdTnoc5xa3NIST2MNvE9/Fq48MERPq7DC35X/R9uM5b0l2/N5Wckc5281v6VoVlpDTTQRiS9udpur2QAzXJGcF2xyBk4HRRwoA4qFdH0saKdKa1L2rHc25zvZ87vML53eZu+bfndu5znml0p9QtvMtdRf7UkWPIu+A8q88Oo4DDHJHBzkAdBFmaGlc20F5ay213DHPBMhjlikUMrqRgqQeCCDjFcpqWvyeCWitL1ptRtrgkWbs+6WHGM+cx/5ZLkZmbpkBsk7m19a1S8t7ORdJije8DR7BN9wgsu7POR8ueecdcHocjw3qVn5d292ksmsPtGom4ADjrtUDJAiHzbACR94kli5L5WLmRt6ZpLwXDajqci3OpypsaQD5IUJB8uMHouQMnqxAJ6KF03RZEZJFDKwwysMgj0riNB1aeK/WLRIy3hsMfKMgyUG0/LCc/6rOMcHHRflxt60XhltWeFSHwQoPrilysLowL4ReA7M3enQgaMpAbTLdOY2PT7Og7k/wDLMdTyOc5SweLx7Z/ab6EjRiSv9m3CYeVh1Fwh6Af88z7E9hTNGnll1xX8ULjV1T/RIwMQqu35jFycv13E8gcDjJLtanePXA/hpQdZZB9pj/5ZPHj5TLyMEfwnr1HTNFhm3qn+iaUqWv7hUKqix/KFA6AY6CuejkeKeWaJ2SWYgyupw0hAwNx74HHNdFKj32mxx3J2S7VMhUfxY54z6+9c5fwSaVeedeSbtLYAGZI/mtz6uM8r/tDp345rjrUqkpXiehhq1GELT3Jftt1/z8zf9/DUujkw3ixwkxxu7yOicBmbLMxHckkknueaj1FLSwhi2zSXE9xxbwRKC0x9ueAMjLHgflV3RtLuIVhk1CaNrnkssKEIuc8Ak5OAcZ4z6Cs4UaykmzapiKDg0t7djV3t/eP50b2/vH86q6oL+0EVzYxLdQx5+0W4GJWXjDIc4yOflPXPUEYJ/aenf2N/av2xfseP9Zg5zu27dvXdu+XbjO7jGeK9G6PH1LW9v7x/Oo7yCK9tZbW7jWaCZNkkbjKspHIIqHSxf3Ylub6JbWGTH2e3IzKq85ZznGTx8o6Y6knAfqTXMVs/9nxLLc8KgkbaozxuJ9B1wOaNAOZ1DxFceEJYrG8ebUI7g4s5WfLxDp+/Y9EGR+9PsDzydrTNNktp3vr+b7TqUy7XmGdsaZz5aDsufxJGT2w7TtGgsopmuHN5dXX/AB9XEqjMvouOyDJAXoMnqSSYdPsLjSLtbS2PnaUwPlq7fPa/7Az95PQdV6dMYYG4ESe2aOdVkjcFXVxkMD1BB6iuav3i8BWf2mxhLaKCF/s23TLxMegt0HUH/nmPcj0rozN5NuSiGRgCVXIGT6Vl6fZSPeDVNZxLfbSsUanMdqp6qnqx7t1PTgcVNhlex0+LxRHBq2tpb3dsSs1lZkCSKEjkSHs0nv8Aw9B3J6CYkR8HHNYr2k2nakbzRVBiuJM3dmzbUYk8yp/db1HRuvXk67yB07jBosBzl7pi6K9zrGh/Z7JyWnvoiRFDdd2dz0WT/pp3xhsgArQ0zxHJ448yDT/t+lWkOPtX2hGt7qQHOAgPzKhwf3g54IXBBIkuDcSa9GnigBNNE/8AoQRR5Ukm/wDd+dyfmHy7Afl3YP3toW34nFuotpLdpF1pSw08wKDIx43KwyAYj8u8EgfdOQwQihGzpVhZ6TaxWOl2kFlaRZ8u3toxHGmSScKuAMkk/U0mq6FY6u8M88QjvbYH7LfRqBPbE4yUfGQDgZHRhwwI4pujNfNZxnVljS73vvWH7gG47cHOT8uOTgn0HQVvEsmtokY0cYtijfaniUNOg3LzEGOC23dgEEd+cbWljRmL4nvptXPhhfLTV1GGvwv+j4xnK88y7fm8rOQOc7ea6DStDsNHErWcC/aLghrm6YAzXLDo0j9WPJx2A4AAwKz5I/Dv/CHKFKjS+GjdGbzPM3cMG+/52/nP39+c/NmpvDj628En9uqoUKv2dioWRh83MgBwGxtyAAPTrgIZoalpdjrFmbTVbSG7tyQ3lzIGAYchhnoQeQRyD0rmr/xFP4SuIdMvC+o/aTiznZuYxnH+kN/CoPHmHr069dvWrnUksD/YkcT3e8YE/wB3Gee4rN0CTTW068NzukvH/wCQmbwDfnHRh0CYztA+XH4mnYC/p2gQwXg1TUlivNXKlTdtGMxKesceeUT2HXqcmp9UVZkMEqh4ZUKSRsMq6nggjoQRWH4eub5bwR2AZ/Dw3fZ3nGZAMcBSTkx5zgkZxx0wa6C4RZyrEkcelZ1E+U0ptc2pTSR40VI2ZVUYVVOAB6Uy4VbuLyrpRNHuV9kg3DcrBlOD3DAEHsQDVn7Mn95vyo+zJ/eb8q5rSOrmgOt5HZX3Ox5HU/WsS905NA+06xof2eyBZ7i/tyRFDdd2kY9Fl7+Z/EBhsgKV6C3gADAMe3UVzMkN1J4hiTxXhLEXB/s9UX9zJL5h8szcn5wNhQH5d3zff2BNoqVjCUo3ItPvB49tWmnSaDRlYxyafcoUlnbAys6HlUwQfLP3wQT8pw3RlEs9LMFmq28MEOyKOIbVjUDACgcAADgCsjXYDHrcDaC2dcZFDxgfu3gyf9f6KDu2n7wO7bkFwddYphoatqBAuPs488IoAD7fmwMnvnufrRJOwQlHmRifbbr/AJ+Zv+/ho+23X/PzN/38NJi2/vS/98j/ABoxbf3pf++R/jXm3l3PatDt+BJDeXJmQG4lILD+M+ta2qabZaxam11S2juoQ4dVlXOxh0Zf7rDswwR2rIhFv56YaXO4fwj1+taOuNqaWJOhpE91v6Tj5dvOe49v8813YW9nc83HWvGyMK98SXfhm7h0m7Z9QluTizuGbGwE4H2hv4RngP8AxHjrWvp2iRW15/ad9svNXZCj3roNyKefLTuicfdHU8nJJNVdETSW0i8NwxklfP8AaZvlXeW28iQHgLjoPu7enFReHXv/ALVst976CA32aS5B87HG0ZJyU+9gkZIxnpk9p5x0d1FHdW8lvdRrNBNGUkikXcrqRggg8EEHpXL6hejwFarLCks+jMwji0+2QvNbtg4WBBy6YBOwfcAJHyjC9RexXB06d7HBufJbyQwyC+35c8jvjuPrWFoUHma3O2utjXVRgiMP3aQZH+o9VJ27z94tt3YAQBXQxLLTl1022sa59nvcFLiwt1YSwWvdZFPR5e/mdgcLgFi3Q722j5j1PeuYihuY/EUqeFMPYG4H9oq6/uY5fMHmGHkfORvLgfLu5+/vD9Z5Hygbv0ougOXvbBPDa3GraIIbOLLT31qCIobgnlpPRZP9r+Lo2eCK9hcL48tDPdJJHo2SjadcJtkmYdROh+6vI/dnqCCeDgyCG6k8QQr4rwluJj/Z6ov7l5N52GTk/vANu0HjPI+bAWXW4Xj1yNvDx3a0yDzo8funh5x53pjnafvZzjIyKLoNTdjRba0ENuoiiijCRpGNqooGAAB0AFV/Ol/56P8A99GrUEMx0+M3ZAnMQ80KMANjnHJ7+5qL7Mn95vyrnq3b0Omi0lqRedL/AM9H/wC+jTo5pTIuZH6j+I0/7Mn95vypyW6h1O49fSskpXNnKNg1XQ7DWBE15Av2i3Ja1ulUCa2Y9WjfGVPAz2I4IIyK5y48az6Tqi+H7y2a71RmWOO8jQraZb7vnPyImOR8hyTlcZ3Ct/VZdQmSO20wrB5pIlujgmFfVVPBY9s8DqQehW207TrXSW01LRZLWRWWWOYeZ52775ctneWySSck5Oa7LM4RmmaBb2V2dSuwl5rEkZjl1B4x5mwkHy0/uRggEIDjPJyxLGzfQRXkM9rdxJPbzIY5YZVDJIpGCpU8EEdjVLS0vdMuGsndrrTghNvNLIWmi5H7tyeXHPD9cDDZPzNd1GO5bTrmTT9puvKYwK4yC+PlzyO+O4+tRJOxUWk9TltQ1D/hArZXRZrjR2YRw2Nupea3bHCxIOWjwCdo+4AcfKMLdstMXWJLbWNc8i9kBWeyiBEsNr3V0PRpMf8ALTsDhcAncaDAJNYuX1psa8FYbGHyJBuGPI9UPy7j94tjdgBFFe1huY9ekTwsQ+l+f/podf3Ucm/5/J5HP3twHyhufvbg0csi+aJ1sJJj5Oea5++0+HwrFPquiRwWlqpMt5ZKBHFMTyXUdFk9/wCLoecEb+RAAOuea5OG4uZfEEI8WKFVZCdPRBiBnycF+TmTGNoPHcc9LTS0ZDTbuiawaLx7Z/ar6IjRiSv9m3CYaVh1+0IemP8AnmfYnPArpSiQWyxwKscaAKioMBQOgAHQVzGtTyR64H8NLnWGQfaYz/qXjwdpl5GGH8JHPbpXQrO5sYzcriXau/aP4sc9/X3pppsTTSF3t/eP50b2/vH86h89PRqPPT0atbGdydXbcPmPX1qlqenxapbrHO0iSRP5sE8TYkgkAIDoexwSO4IJUgqSDYSdDIoAbkiqmqJfziO202T7MsufOu8AtCvH3FOQXOeCcqMZIP3ShmD/AMJTqJ1f/hGcx/2vjBv9p+zY27s4z/rtvzeTnOPmzt5rodN0+LS7do4Hkd5HMk88rbpJ5CAC7nucAD0AAUAAACL+wNL/ALF/sr7ORaZ3Ab237927zN+d3mbvn8zO7d82c807S0v4FkttSkFwIseTdgANMv8AtqOAwxyRwc5AH3QAX7/TLHWNPNnq1nBe2z4LRXEYdSRyDg9weQexrmdT8TN4HaO01JL3VreXJtWtozPcRqO0oHO0f89D7bueT0WqtqSaZnREhe73JtWf7pXIznkY4+v0NUPC4tzDcPI0j6szD+0DOAJQ3OBgcCMc7QOMZ6ksTBQWOjpqc1vrGuC3vbhSJbNBiSK0BHDRnu+P+WnXsMDrvVydgbmPXGj8LhX0bzv9JDj93G+fn8g5HvuHKg9Ocg9ZQBzN7ZQ+ELebU9FjhtbFcyXdggCRuSeXjA4WQk9B98+/NR2Kw+PLMXmpQ7tGYkJplwnMjDr9oQ9wf+WZ6Hk5OMNtDdS+IIP+EuCpIpzp8aDEBbn5jycy46A9Bnbzk0/WTPFrrN4WAbVmT/S4yMwMu35TJyMP0245I4PGCADoLkeTaqsP7tVIVQnAA9KpedL/AM9H/wC+jVy43GyTz+H43bR3xzVP936t+VXHYiW4edL/AM9H/wC+jT45ZCxzI33T/EfSmfu/Vvyp8IQyYBblT29qctmEfiRXKq10l0yg3CI0aSkfOqsQWUHqASqkjvgelSedL/z0f/vo1V1MXlmYrm0j+1W6Z+0QKv70j+8hzgkc/L3zwcjBVtR0xdJGpfbA1q33XUZLHONoHXdnjb1zxjNcHLI9HmgSoqx3ElxGoWaUKskijDOFztBPU4ycemTWiXbj5j0HesnTEvLlJJ79BbJIR5MG3Lovq5zjJ9B09T21iFB6noO1bUU03cwrNNKwm9v7x/Oje394/nR8vqfyo+X1P5V0HMRXErrsw7Djsah86X/no/8A30amuNnyZLdOwqH936t+VUiXuHnS/wDPR/8Avo1aspHbfuLN06nOKq/u/Vvyq3Y7fn257dRSewR3LdFFFZmgUUUUAFFFFABRRRQAUUUUAct44hS5TRIJQGSTVYUYHuCGFcjrEsupaBPb3G4nQIltnLA/PKXChvr5a5/4HXX+PNQ1Sw0yw/sOZYbqa+jiBaNXDAhjjkHGcdRzWf4u8T3EXh2wuNCdYZrxVuXYxq+2IYzkEEZyyr+NEevr+i/4IPden6sxvFtzDM2tOEtUu7ZlEUly5e5TCgjyEABVcn72euSelakthZa1r2pT3qLdBdJheMsdyhiGO8Dpu9+tbmr+JLfSjPPcadLJBblVmufkUAnsNxBbr2zS3fiaK11Ce0tdMuLpoLZbiR4toURnPqR6dKnp/Xb+mNf196OY0rVYrSC7fU7rY9xo8RjaVuZSFYHGfvHp0qjpcNnZ2OpXwtB5w0+2/ewgJINwwx34JGe59K7m08QWGoCZoYGZbe1W5DMo5VgTge/FYdh4ju9Q165uDFdQ6XBaxyLbxpC3mbhxu4LH2AIx3qvtP+u4lt/XkZmmXBtvEF9FpBsIWl0tmii00kxtIM4O7gO/vipxaeGLjwi+xLeXVWsJTIAczO+zLeYByTkfxdD0rpbPxHZtfXFpdWbWE9tB9oZXKNhPX5ScfQ1WufEc40a41Cy0OcK1tJLDO2za2BkFhnIHfmlL4X6f5/18hx+Jf12/r5mRod7pemapYSLLb21pJpChGQhUZw5LAY4LcjjrzVTwbaW2oapp8l3Es4i0iOSMSruCt50mGwf4h2PUV1eiawt+LW0vLMx3TWa3RyFK4JI4x9M1Fp/iyDUbu1gsNNuGee3W4J+RRHGXK8nPYjOBVS3fz/8Abv6+RK+H7v0Oc0Syt9Ti8GQX8Ynh+w3LNFJyjkeXjcOjDvg9wPSodOW1XUbWz1xlOh291fxRR3LZhEiy4jVs8YCbtoPHp0FdLZ+KIjY6MLa0vL6bUYXeHcI1bC7c7iMKPvduOKq3msQ62tkunHU7e/eSZDbWxiBHlnbJvEgaPhsYOM5PB5NH2vv/AD/Qp7HMW8cQjlTRZVWH/hJYhbu6l0UbF6DIyo7AEcYxXcXWiXdzMl9rF/HcmzR2gjt7cwqGKkbmy7E8E45Fc0dYjt9JEWmy3elS/wBspb39zdCJpGYqNzZYFBxgDAAGOBitdNVnstds4LPXH122mWQ3KOsLGFVXIcNEqgcjGGznNT9m39fChdb/ANbsyLeytLXwn4eM0MaafcsjalKRjzRtO3zG7rnA54x7Uy+ZY11OLR2ZdB+0wCT7Mf3Sqf8AWBMcBcYzjiumh8VQ3Gk291/ZlwFvCFtICU3TZ9BngDHfFObxVZW1rcrdWktvcW7rG1oQpZi/3cYODmqe7/rtoBha8mkw6Q6+FfsoheeL7cttKyw+X77MqPcgZx1qCO1iki1SOy1HTNOspIE3xadI8sSPn7xwqgAjggdq6iTXlsbORr7Sbi0beqRw4RvOZugUqcZqKTxRZ2EN2uoWMtlLbosjQMFO9WOAQQcdePakBzSLYTW+o2Vsun6afs8bNeaZMz2r/N92RVwBnGD32nrUNyttLp+owadp1lGYRbzyyaTKXgkRZAWBUAAOACemcY5rrZfEMdhp09zf6TPaQoqsD8jLJuOANynHUjrUGpeIbmw0W4lTSXs5iY0hMuxo2LsFByh5xnOKAM7VUsvE+ubLa5ElkukTxXNxB84TzCuBx3+UnH+NV4prrWNa8NRJfWF0tjMZnawZnygiZdz5/wBXyQNvOdx9K1FvNQ0LVG097r+0ftFhLdQtPHHGVkTGV+RVG07h1GRzyap+GdYu59W02Mag159tt3kvIpLZIhbsACPLKqCwySMEvxg59Wt9P61Yntr/AFojt2BI4Yr9Kbsb/no35D/CnMcDoT9BSeZ/st+VIYxkO9P3jdT2Hp9Kdsb/AJ6N+Q/wprP86fK3U9van+Z/st+VACbG/wCejfkP8KbKh8s/vGP4D/Cn+Z/st+VMlfMZ+VvyoAdsb/no35D/AAo2N/z0b8h/hS+Z/st+VHmf7LflQAmxv+ejfkP8KbEh8pf3jDj0H+FP8z/Zb8qZE+Il+VunpQA7Y3/PRvyH+FGxv+ejfkP8KXzP9lvyo8z/AGW/KgBgQ+c37xug7D39qdsb/no35D/Cmh/3zfK3QdvrT/M/2W/KgBNjf89G/If4U1kPmJ+8bv2H+FP8z/Zb8qYz/vE+Vu/agB2xv+ejfkP8KNjf89G/If4Uvmf7LflR5n+y35UAMkQ7P9Yx5HYev0p2xv8Ano35D/CmyPlPut1Hb3p/mf7LflQAmxv+ejfkP8KNjf8APRvyH+FL5n+y35UeZ/st+VADIkJhT94w+Udh/hTtjf8APRvyH+FNifEKfK33R2p/mf7LflQAmxv+ejfkP8KaiHL/ALxvveg/wp/mf7LflTEfl/lb73pQA7Y3/PRvyH+FGxv+ejfkP8KXzP8AZb8qPM/2W/KgBjIfNT943fsP8Kdsb/no35D/AAprP+9T5W79qf5n+y35UAJsb/no35D/AApsiHZ/rGPzDsPX6U/zP9lvypkj5T7rfeHb3oAdsb/no35D/CjY3/PRvyH+FL5n+y35UeZ/st+VACFGwf3jfkP8KbGh8pP3jD5R2H+FOL8H5W/KmxviJPlb7o7UAO2N/wA9G/If4UbG/wCejfkP8KXzP9lvyo8z/Zb8qAGIh+b9433j2H+FO2N/z0b8h/hTUf73yt949qf5n+y35UAJsb/no35D/CmhD5x/eN90c4Hv7U/zP9lvypgf98flb7o7fWgB2xv+ejfkP8KNjf8APRvyH+FL5n+y35UeZ/st+VADJEO0fvGPzDsPX6U7Y3/PRvyH+FNkfKj5W+8O3vT/ADP9lvyoATY3/PRvyH+FIyNtP7xunoP8Kd5n+y35UjP8p+VunpQAiIfLX943Qdh/hS7G/wCejfkP8KRH/dr8rdB2p3mf7LflQAmxv+ejfkP8KbGhw37xvvHsP8Kf5n+y35UyN+G+VvvHtQA7Y3/PRvyH+FGxv+ejfkP8KXzP9lvyo8z/AGW/KgBgQ+c37xvujsPf2p2xv+ejfkP8KaH/AHzfK33R2+tP8z/Zb8qAE2N/z0b8h/hTWQ70/eN1PYen0p/mf7LflTGf50+Vup7e1ADtjf8APRvyH+FGxv8Ano35D/Cl8z/Zb8qPM/2W/KgBro3lt+8bp6D/AAoVG2j943T0H+FDv+7b5W6elCv8o+VunpQAuxv+ejfkP8KNjf8APRvyH+FL5n+y35UeZ/st+VADI0O0/vGHzHsPX6U7Y3/PRvyH+FNjfCn5W+8e3vTi+VOAw4POKAGB0ad4VucyooZowV3KDkAkY4B2nH0PpShD5rfvG6DsPf2rI1TTGvXiurSc2mo24PkXIXdgHGUccbo2wMrkdAQQwVhgweOJtU1N9BsIWt9YQlJZZgWtoyPvFH4EpH9wYPXdtw2HYVztFdGmeJbjdLGAXQFdyg5wSO2cH8jXDX8scV5L5rqm6Yqu44ySeB9a6jTNOi0u3McDSSPI2+aeVsyTv3dj3P0wAMAAAAVfvLC11C0ktr2BJoZRh0Yda569D2qSudeGxPsG3a9zhaY0sayJGzqHfO1SeWx1wO9a17r8nhOeDS9QVtQa5O2wnyNx9FnP8IHTzDwe/wA3Xa0vRvs00l9qLrdajMMSShcLGvaOMdlH5k8n25fqX947f7S/u/j/AMA4XXXWO5R5GCqtuhZmOABjrWeCGUFSCCMgjvXrpjRvvIp7ciuV1GeHwJbtd+W02iM2Pssab5bZz2iUcuh67ByvOPl4XOWX8zb5vwNYZryxUeT8f+AcU8iRLukdUXIGWOBknAH5nFdFpH/IHH/Xd/8A0FK39Msf7amg1rUxEyYEljaIQ0cAI/1hI4eQg9eijherM2+EUdFH5U6eA5Hfm/AmpmnOrcn4/wDAOJjljmUtE6uoYqSpyMg4I+oII+opxOBk8CtfU7BtKnn1vSvKQ7S9/ayMEiuVUffyeElVRw/RgNr9EaOjp13F4+thcKjwaErFXtpUMc104/hlU8pGMg7Dy/GcJxJt9U8zD6//AHfxKgkSawnlhdZI3tnZXU5DAocEHuK5ISI0jRq6l1ALKDyAemR+Br2IRoq4CKABjAFZmq6Kt5JHeWLJa6jbg+TPsyGHeNx/EhxyOo4IIIBr0MM/YRcdzzMX/tM1LbQ8yqSwkSS+i8t1bbMqttOcHI4PvXXWmvyeKLqfR9PT+zp7Y7b64GG29iIDjD56b8YXuN3FdPZadZ6daR2tlbpFDGMKoH6knknvk8mun6z5HH9W8zCmljS68tpFV5C2xS3LY64HeitrUtKttVtfJuVZSrb4pYzteJx0dT2I/wDrHI4rmLnxodE1GPQtTtzd6q+FgmhTbBJn7plfkQk9wf8AgOcisfaHRyFtpY1lSJpFEjglULcsBjJA74yPzroIpY4NNWaeRY4o4tzu7YVQBkkk9BVTS9H+ySSXl9ILrUZx+9n24VR2jRf4UGeB1PUkkk1PfQRXUM1rcxrLbzIY5InGVdSMFSO4IOMVLlzDUeU57WLQePLb7JY3M9lp0b7xq9nJsuN44/0Z/wCHuGk5BUsoB3Ei9pmpRaOLfRdXS10+RAsVo0SiK3uRwFEYJ+Vun7vOR23Dmsm9vU+H9mJVEkmg5CR2kKl5bRscJEg5eM4+4OU5x8nCWbXTR4he11fXlhuVRkuNPtMiSK1I5WXPR5j/AH+ij5U6u0k2KudNcfw1zWp38etrPo+krb3rODFdTOBJDbDoQ2PvP/sdfXA5roS7bB8x6nvXOXWnr4bNzquhJFbwszT39nkRx3BPLSg9Fl/2ujdG/hZZc7OxahdXK2kwDwPbCyv55Lmwdt39rXT7pix/5+H7nsH6YABxjJ09fkSbw88kTq8blGVlOQwJ4INZtncx+PrLzplZdCJKtZzKVkum7iZDyqD+4eW4z8vDdVZQxQQpbwxqkMSBI41GFRRwAB2AFONS0kTKneL1PMlkRpGRXUumNyg8rnpkU6vQdU0b7TNHfacyW2pQjEcpXKyL3jkHdT+YPIrEstefxZPPpenKdOa2O2+nyCw9RAejA9PMHA7fN06vrHkcv1fzOe06RJNQg8t1fbOqnac4IbkfWvQnmjWdYmkQSOCUQsMsBjJA74yPzqezsLTT7SO2sreOGGIYRFHSqGp6dDqluI52kjeNt8M8TYkhfs6nsfrkEZBBBIrOdTnZpCnyFumCaMzNCJFMqqGZAw3BSSASPQ4P5GuXPiq/i1UeG2WJ9aZfkuSD9mK4zvbByHxz5WcnsdvzVvaXpselwuEkknnmbfcXMxBknfGNzEYHbAAAAAAAAAFQaFXWLu3sXluL2eK3gQLuklcKq5AAyTx1IFcjqWjy+MXiutz6fbW5Jt2K/NeA9UlXjNu2BmM4L4BO3Az6LqGl2Gs6Y9jq1nBe2swXzIbiMOj4IIyD1wQD9RXOahrx8EmGz1Iy6jbXDFLCXO6ZT/cmY/wrkDzm7YDnd8zvn6C5SrYaxHLOLC+VLPUQP+PYuP3gA+9GeN64HbkdwK6S0YJZbmIVQxJJPAHFQ2Hh6M6hHrGtpBd6uufKlCZSzUjBjhzyBj7zdXPXA2quncqrJ5bAFGBDKRwRRzX0BRscnqgTxpatp+mTFbHIL6rA/wA0bDp9nYfxj++OF9zxSaVGvgm2Wx1Gd5rAtldVuXzIzH/n4c9W/wBvoeBxS3Ji8BWJuLFNuhJgPYQrzbn1gUdQT1jHfle4KWksfj6yE90h/sJsgWMy4e5P/TZT91R/cPXqeMCkM6mN1kh3xsGRgCrKcgj1rK1HWooJzYWSpe6kw4tVcZQH+KT+4vuevbNbFnGkUaxRKEjjUKiKMBQOAAKz9Q8PxtqDavo6w2msEAPPs4uUHSOXHJX0PVTyO4KuOxzmmaHP4Ommv8tqEFyc3AVPmsx/dgXtAMk+WOQSTzkgdZp17a6hFHc2FxFcwMTtkhcMpxweR71g2PiCTxjJNp+mmTTkt22X827Eh/2YSOqnBHmjjGdvzcr0Wn6VYaLpostIs4bK2j3FYYECKCTknA7kkmlcLDdT1iy0lE+2TASy5EFuvMs5GOETqx5HTpnJwK5r/hGtR/t3/hK9ifbev9jbx5GMbfMz0+17fl83ps/d9PnrW1bRLPWWgmuVKXtruNnex4E1qzYy0bEHGcDIIKsOGBBIOL/wld//AGt/wjW2L+3NuftOG+y7MZ39c78c+Tnd77P3lZ85ryHU6ZrFlqyP9jmBliwJ7duJYCc8OnVTwevXGRkVJL/rTWZpOiWejNPNbKXvbraby9kwZrplzhpGAGcZOAAFUcKAAANNmbP3j0HehTSF7NjaKXe394/nRvb+8fzp+0QezYkjrHDvkYKiglmY4AHrTUdZI1eNgyMMqynII9akZiUAJyDnNcvqF1/whMEl6heTRi3z2kYLSQMf+eSjlgT/AADkdRxxWid1czas7HRyzRwRmSeRI0BALOwAyTgcn3OKkH3D9RWDpsUmvPBrGosrQACSytFYMsX/AE0Y/wAUmPwUcDnJO+GbaeT1HemIwNS1KLUjPo+lJbahO4MVz5oEkFuOhEoHU/8ATPqe+BzWXpGgyeBPNn+16hrlpPj7RdX0pnu7cDoA2MtCMk7AMqSxG7ccad1pQ0Sa51jQUhtndmnv7ckRxXfdpGPRZB/f6EcNxtZaOm+JT45WSDRpLvT7KIgXcsyNBcsD/BGpwyg4OZfTIT5vmQA6nT7y2v447mxuIrmB87JYXDq2Mg4I4PIIo1PWbLSVQXUoM8ufItk5lnIxwi9T1HsO+Ki0vTrLRrCOw0m1hsrOEN5cFugREySxwo4GSSfqaq6todpq8kNzMDFf2ob7JfRAedbFsZKMQeuBlTlWHBBGRSauMyl8N6hDrZ8U7Fe8bltHDDyVGMeYp6fadvBk6Ffk6fNXTabq9lq0btZTqzx4E0JOJIW/uuvVTwetcqPFd/Nqp8NqIk1pR89yATbBcZ3rzkvjnys7h3O35q29I0Wz0YzPaR5uboq11dvgzXLDo0jDqeTjsBwAAAKVguWb++tdOge4v7iK2hU4LyuFGT0HPc+lctqOhXHiy6h1P5tPjtjm3idf+PwdcXC94u4Trn5vaum1XTLLWbRrPVbaO7tywby5VyAwOQw9CDyCORXPXniS48Kzw6ZqDSag1wdtjPuwx9BOeigdPMPB+vWhGvp2tQXU32K6C2mooPntHcbiB/En95fcfjitOWRIYDJK6pGilmZjgKB1JNZOn6GkV+NW1Py7vWCpX7Vt/wBSh/5Zx55VP1PU1ssSUAJyCDkHvUyV1YqLs7jFYOoZSGUjIIPBFNlmigj3zyJGm4LudgBkkADnuSQPqa5vUL3/AIQa3a6Bkl0Utj7LGpeW2Y9olHLoeuwcrzj5eFt6bBLrMsGs6m6ugAksbVHDxwAj/WEjhpCDjPRRwvVmbP2fmae08jorf+KsnWLz+0Wn0LT7eC8nkTZdG4j8yC2Rh/y0H8RIORHnJyMlQc1pB22H5j1HeobeCK0RktY1hV5GkYIMBnYlmY+5JJJ96tRsrGbld3MPR7T/AIQS3+x3txcXunyvuOr3b+Zcbzx/pL/xdAFk4AUKpA2gnpNQ/wCQdP8A7hqNz5iFH+ZWGCDyCKLOKO3iitoEWOCJAiRqMKqgYAA7ACiUbpocZWkmcoJY2laJXUyIAWQHlQc4JHvg/lT66DVNH+1yR3ljILXUYB+6n25Vh3jdf4kOOR1HUEEA1gW3jP8AtvUZNC0y3a01VMrPPNGWgjx94xPwJiOwH/AsYIrh+qeZ6X1/+7+IlvLG94I1dWdGXeoPK56ZHaugv9QtNNga41C5jt4gcb5GABPYD1J9Byan03SrXSrXybZSxZt8ksh3PK56ux7k/wD1hgcVW1XS7HWrU2uq20d1CHDqsgztYdGU9Qw7EcjtXTQpezvqcmIr+2a0tY5i/wBBuvFF7Bq5zYC15traQcXgByBcr3TPKr1U/NyeK3tN1q3vJjZz4tdRjGZLORhvAH8S/wB5efvDise78S3Phm6g0i/Z9QnuTtsZ87d3YCcjhMdN+MN2GeK1dO0KK3v/AO1dQ2XesOhRrwpgxoTnyo/7sYwOO/U5JJroOU3mljgtTNPIscUaFnd2wqgDJJJ6CuW1i0/4Ty2+yWNxPZadG+9dYs5NlwXHH+jP/COSGk5BUsoBDEjp5reG8sZLa7iSeCaMxyxyLuV1IwQQeoIOK5m+u4vh7ZiUI8ugbgkVpAhea0bHCRIOXjOCdg5TnGUwI4KLumalHpH2fRdXjtdOlQLFaNCoit7kcBREM/K3T93kkdiw5rfrnrTSV8QSW2sa/HBchGS40+0BEsNoRysuRw8x4+ccKPlTq7SdDQBz2p38WupPo2kLb3xcGO6mcCSC2HQhsfef0TOc9cDmqmkQL4FthY6hcS3Onu27+17p90xY/wDPy/c9AJOBgAHGMmzdaZH4Y+0atoUcNtAzNPf2QxHHcE8tKD0WX/a6MOG/hZa1lND8QbLz5kZdBJKtZTJtkum7iZDyqD+4eW4z8vDAHUeYk1sJInWSN1DK6nIYHoQe4qos0byvEkiNJHjegYErnpkds1aSGK1s0gto1iiiQJGiDARQMAAdgBWNqemSXMyX2nzfZtRhGElPKyL3jkHdT+YPI9857msNjSpsM0czEwyJIFco21gcMDyD7j0rlrPxHceK5ptM09pNPNudt9Nu+YdisB/iB6eYOB256dNY2sNhbRWtnGIYIxhUXoKgslPU0VlPdTh2xNJ1/vGm/ap/+e0n/fRo+srsX9Tl3Nep3nitrRp7iRIoY03vJIwVUUDJJJ6CsH7VP/z2k/76NaM8EV/prWt7Gtxb3EPlzRSjcsisuCCD1BBqo1lLoRPDuG7MPWLH/hPYBb2dxPY6dE+9NWtH2XDuOP8AR3/hU8hn6MpKjIbcNHTNUj01oNH1aO20+4UCK28oCOC4HQCIdj/0z6jtkc1jX2or4AtFZvNm0MkRwW0Kl5rRscJGo5ePjhRynOPkACXLTS/7amttX15Ybl42WaxtwRJFadw6no0h/v8AYcLxuLVzmfIzo7jqtc5rE/8AbPn6JYRxzFhsup5F3R2w/q/cDtwTipPEV5cwNb+TPJHuDZ2sRnpWBbXU9nD5VpM8MeS2yNioyTknA9Sa2jQc1zXMZV1B8tjR0eD/AIQ2FNNvpZLizd/3eqTtukkc/wDPw3dz039DwOK6Wb/UN9RXFzX11cQvDPcSyRupV0dyQwPYitrw1PK3mxNK5jjRQiFuFHTA9KHQcFzN7Aq6n7iW5dWaN5HjSRWeMgOoYErkZGR24p9Q6lpks1wt/pkwttRiG0O2dkyf885B3X0PVTyO4ONY+IpvF8k1hpzS6fHbnZfS7sSH/ZhI6qcEeaOMZ2/Nyse1XYv2T7m/azRzSKYZFkCybCVYHDA4I+oIxVppo1nWFpEErqWVCw3MBjJA7gbh+Y9aSytobG3htbOJYYIgFSNBgKPSq+qabFqtuqSySwzRN5lvcwkCS3kxgOhIIzyRggqQSGBBIK9ohqk0XKYJo2meFZEMqKGZAw3KDnBI7A4P5GuX/wCErvzq3/CNbIRrm3JudrfZdmM7+ud+OfI3bv8Aa2/vK39M06LS7dkiklmlkbfPczNmSd8YLuQAM8dAAAAAoAAAPaB7M0Lq+tdOsvtN/cxW0CgAyTOFUE8AZNcnq/hyXx28d295qGhW0Ofs8tjIYbm5U9pDj/VHr5Z5PBOMc9RqOlWGtaabLV7OG8tn2s0U6BlJByDg9weQa5vUvFA8DeXaa2brULeXItJoIzNOB/dlA5wOnmHgjG75uWZJqabq0dk8OkarHb6fdKBHAqYSG4A4Hlf/ABHUe45rcrAs9GXVbm31jX0guriMiWyhGHis+OGQ/wATkHl/wXAznfoA5vVLuLxPBNpGkGK5if5bm9GHjt/90jrID0x904J6YqHSvL8E2qadqkxaxyTHq1w3zSMev2hz/wAtD/fPDex4qS6sIfB0M2paLFFBpy5kvNPQBEJJ5kjHQPnqOjf73JitVg8f2K3V/EG0J8hNPmTm4PrOp6Adoz35bJwFAOhvGD2qspDKSCCDwRWak0ckkiRyKzxkK6qwJQkA4PpwQfxrWdVigVIgEVcKoXgAelYupaZNJcrqOlSrb6jGu3LZ8u4QZ/dyAduSQw5U8jILKx7Tl0H7Pm1J6dZTRzyboZFkUF0JRgQGXII+oIIPoRXPWHiCTxoZbTTnmsLa3YJfSb9szn+5CR/AcEecvbOw7vmTqbO3hsraO2tIkgghTZHFGu1UUDgADoKPaX0D2dtSnqWsWelKguZQZ5c+RbIcyzH0Rep6j2HfFc6vh3UINabxPsV7tuW0lX/cqMY3r2+0Y4MnQr8nT5q39W0O01eSG5lXyr+1DfZL6MDzrYtjJRj2OBlTkMOCCOKxl8VX8+qt4cRYo9aVcvc4JtguM7155fHPlZyO52/NU+zK9p5G9purWeqxM1nMrPGQJYjxJC39116qfrVueaOFl86RI97BF3MBuY9APf2qjpOi2ejCZ7RM3NyQ11dPgy3Lgfedh1Pp2A4AAAFal3ZW+o2T217Cs0Mi4ZG7/wCB96cY8pMpcxHTGmjSVInkRZJM7ELAFsdcDvisC98RS+E7iDS9R36i9ydtjPkBj2AnbooHTzDwf97rtaXpBtZnvtQlF1qUwxJNjCxr2jjH8KD8z1OTV3JsF7IkUYkldURELMzHAUDqSahBDKCpBBGQR3rZKhgQwBB4IIrltRuk8B2zXWHm0NmAFrEheW2Y9olHLoeuwcrzj5eFfMLlL0s0cCb5pFjXcF3OwAyTgD6kkD6mr9gMl+SOnT8aztMtG1qaDWtUMbrgPY2qOHjgBH+sJHDyEHG7oo4XqzPunjt+QpOVwUbMWiiipKCiiigAooooAKKKKACiiigDnvFy24j0me8vYLOK31KKUtOxAfGflHHU1gar4b/s7SdV/tHU7SCG5kSKxaXIEKGQvsJx1LNjjsBWp4/tI7+10e0nXdHPqkUbA9wQwrl/EN7Lrfh1IZ23Po8I+1c9bjf5Y/RXb8RRH9f0X9fMb/T9XY3tY8HX+pSamE+wSG9OYru4LNJAu0DYFxjHB5yOvQ1rW2hXaXt5cTPCDc2EdttQk7WUEE9OnNc74m1a8SLV7uwmvS1g6oswuBBDAQoO3buJkJz3XHIHHWr1x9q1LXNQDaleQxwabFPHHBMUUSEMd3HXp06VOlv67P8AQP6/FfqOt/C+s6dCyWM1k5nsFtZTKzDy2UEblAU7hz0OKqR6G1v9q0j+1LdL+4s4I1RC2fkHOcDgHpUui63d3EN9JeXjbl0qKYZbAVirZYDtzisjSpzbf2lqst9drcGxtiZfMaQlnGPulgCfTPSqe7/ruC2/ryN208IXQ1OWaWHT7O1uLJrV4LQsSuf4gxUbic9wMe9XBp2troEml3cunR2iWkkLXIZ2dxtIBK4AT1PLVj2mq6lp+tahAouUVNNNzHBd3X2h94z8x5O3PoCfwqxPYJceB5b6fWL6Sa40+R3X7WdkrFCcBe2PRce9KXwv+u//AAQj8S/rt/wC1Z6RrEMtlqFm+nvILEWkimV9mAcrIp25PU/KcfWn+GvDF5otxBLdzwyeXp62reXnlg7sTyOnzCq/h6drTVLOz+1Sm2/sdJgksxYZ3HLcn0xVDwtdXmr6lY/bNRu3iXTEuCizsoeTzXG44PPAxjoe9VLd/P8A9u/4JK+H7v0/4BreH9Amt4fD0wuIZY9PtJonKbvnL7MFcjp8p64rOn0+Xwxq0OpefB58lxeHbIriJ4pZPMCl1UlWBA7EHke9M0qe91aHwpDc6jeKl1Z3ElyY5irTFdmMsOep6jn86bpN7fahq1rot7qN0ttHNfL5qylJJ/KlCIhcHdwpJOOTjnvRrzab6/nqU/h1K0Nm7WMmo65cW1tHPrsd0pdGCyoFUYUEEnOCBkDOM8ZrsbXUdGv/ADrTS5rcTyRn5VTYSPXoM1w8lxenfCt4+pNa+JIorc3Mxxt2ghSwBxgnGcGurvNN1TUNQttR1FLSzXT0keNbadpWkYqRyxRNoGc4wc+1Tpy+X/2qF9rz/wCCw/4Ru7i0XR0t5YDf6Vhk3lvLkOMEEgZGQeuPwqC58K32oNdX1zcQQ6hJLFJCkZZo4/L6AkgE5ycnA+lZ9pNdjQtASTULwnVnUXVy1w24DaSApPCZ4HGPzpuo6pfabc3+mWt/MbZbi3QXEjl3gEh+Ybzz26nJGap35vO/46B0/rY2dW0TVPEFgY9TTTo2hkSWCJC8qMw672IXg+gXj1NNtPD1zAt1JHpmhWkkkYjVI43lDjuHfC8H028deelVvEJn0LT1j0y/vpjc3EUcivciR4lPUqznKk+pbHpUO3Xk+321k89pE0CtF/aF6kkivnkBgzEBh0J6HpS9A7Fqz8NX1vJeTQ2+mWizwrH9hRnlgkIPLNkLgkccA+vPSoH8IyG11F5zZ6TDLEhSG1lZ4kkjbcJDkLjoAQB0HWovOvBHe6fZTajYal5Ecghv7xZI3BbB2S5YqTgrnPBwcVS1icppd/ZSDVLeVfs0k1ve3AnQxGUBmVwWOOCCMgcdKALogh8TJfXepahaxiLT3tALJ3fy1flpDuVTzgYAHbqaZp13Df65oUF7fafHJp4f7Olr5m+5byyh4ZQFUAkkZbnHPHOrJj/hYenfZcY/syTztv8Ad3psz/49j8aNBH9r+JdU1qX5kt5WsLMHoip/rGHuz9/RRTW/3/g3+rE9v66pfodNRSMCRwxX6Umxv+ejfkP8KQxH/wBZH9T/ACp9RMp3p+8bqfT0+lP2N/z0b8h/hQA6mS/6s/h/Ol2N/wA9G/If4UyVT5Z/eMfy/wAKAJaKbsb/AJ6N+Q/wo2N/z0b8h/hQA6mRf6lPoKXY3/PRvyH+FMiU+Uv7xhx7f4UAS0U3Y3/PRvyH+FGxv+ejfkP8KAEH+uf/AHR/Wn1EFPnN+8boPT39qfsb/no35D/CgB1Mb/WJ+P8AKl2N/wA9G/If4UxlPmJ+8bv6f4UAS0U3Y3/PRvyH+FGxv+ejfkP8KAEl/wBX+I/nT6ikU7P9Yx5Hp6/Sn7G/56N+Q/woAdRTdjf89G/If4UbG/56N+Q/woASH/Up/uj+VPqKJT5KfvGHyj0/wp+xv+ejfkP8KAHUyPq/+9S7G/56N+Q/wpiKcv8AvG+97f4UAS0U3Y3/AD0b8h/hRsb/AJ6N+Q/woARv9an0NPqJlPmp+8bv6f4U/Y3/AD0b8h/hQA6mS/c/4EP5il2N/wA9G/If4UyRTs/1jH5h6ev0oAlopuxv+ejfkP8ACjY3/PRvyH+FADj0NNi/1Kf7opChwf3jfkP8KbGh8pP3jD5R6f4UAS0U3Y3/AD0b8h/hRsb/AJ6N+Q/woASP+L/eNPqJFPzfvG+8fT/Cn7G/56N+Q/woAdTB/rz/ALo/maXY3/PRvyH+FMCnzj+8b7o9Pf2oAlopuxv+ejfkP8KNjf8APRvyH+FACS/dH+8P50+opFO0fvG+8PT1+lP2N/z0b8h/hQA6kb7p+lJsb/no35D/AApGQ7T+8bp6D/CgBY/9Wv0FOqNEPlr+8boOw/wp2xv+ejfkP8KAHUyPo3+8aXY3/PRvyH+FMjU4b9433j6f4UAS0U3Y3/PRvyH+FGxv+ejfkP8ACgBB/rm/3R/M0+ogp85v3jfdHp7+1P2N/wA9G/If4UAOpj/6yP6n+VLsb/no35D/AApjKd6fvG6n09PpQBLRTdjf89G/If4UjDYpZ5SqgZJOAAPyoAV/9W30NKv3F+lRkboSyyllK5BGMEflQSI4g8k2xeOWIA5/CgCO/vk0+3E0qsy7guFrO/4Se1/54zfkP8ad4jBGlDLFv3g649DXJq6uCUYMASDg5wR1FefiK86c7RPVwmFp1afNLc6hfE1qoI8mY8k9B/jVi1123vrlbaOORWkBwWAwOM+tcjV/w86yaxbPGwZGDFWU5BG081nTxNSU0mb1cFRjTlJLZMseJP7SjugkjPBoRVPtVzbL+/Tl9wBDZCnCbmChlGcZ3bo7uoadokfhtRcNFDp0KK0Lwnb5f91oyvIPTBHOa09S1K20uzM92xwSEREXc8jHoqqOWJ9BXLQaRe6Xcx6xc2KyWayPKNJhLObDdj94gyVd+CWVQANx2ZIYy+rdnhWNTw2Namhk/ttQqKF+zu0YSSRct80gDEK2NuQAAOvfaujrMmqRafu0OGGa73rhJvulc85O4Y+vP0NWra5gvLWO4tJVmhkG5HQ5DCpCQqlmIAAySe1IZz+gQ6fc6bdSXZ+0Xkg26kbtQHDY5Vl5CoOwHGO55Jg8PTagdQ8qwLT+HhuEM865kHHCqxbJjB6MQT26c1R1ewn8UapBqWjwRm0syRL5rMi6oP8AnkNpHyg8hm3KSMbSOR1Ol6lbala7rYNG0Z2SQOu14WH8LL2/zigCe7M62U7WgDXAjYxArkFsccZGefcfUda5/Qy9zrUsniIBdaiU+VBj91FEe8PJ3Z/ibrnjAAArpq5TxRDJ4mVtH0SUQXsDq76mM4siCCVBUqzOw+UqrLgEkkcAgCbrm18QyQeE1WW281f7QidcwwOXG4xncuHKltyjjo3DZWTrKxtAu4YohpElomn3lqvzWynKsv8Az0jb+JSe/XPBwc1s0AcnK1zdeIY7fxYqxWHnN/Z8SLiG5kEjbPOO4/OFClEOFJy/LYSKfXc22swS6Dg65KBvgH+rnhBwfO/uqOdr/eB4AYFka7r95A0J0kWi6jd3iEJZscKV/vyNg7EB6tgnsoZsA5fhe3l8LRw6PrsoubybAXWCG/4mDgYw+5mKyAcbSxBAyuOUUA6Sye4Om2736hbkxKZlVdoD4+YAbmxznjcfqetc54ivb8Xnl3O+DQCE+0XFuuJh97KkhshD8uWABA6ddy9TJ/q2+lZOpajb6ba+bdZbcdiRIu55WPRVXuTTSEUtbGk2+kWr2+62miwNOeyUGQMRwqDowPcHgjrWhod3qc1hnXYIobreRsgHy7cDH8TZ7+np2yeT0qwuPDN/Pqer28f2S6cmIRsznSlOP3fXbsJ5LIBgkg7h81dpGyvtZCGVsEEHIIp2C5T8Rza3DbR/2DEj5DeexQM6Lx8yAsAW64BBB/QmlW2jSeHmFvsns5lZrh7jlpD/ABGQn+L1z0rTuby2sojJdzxwoFLEuwHA61yNxpV5rNxJq9naJFZsyudOlZkOohf435wh6bQQc4G7qNsjLvhyfUmvfLtS0+gAN9muLhf3p6YUEtkoPmwxUkjr03NsamZ1s7lrIBroRMYVKBgX2/LkblzzjjcPqOtLpurWeowKbZ9j8q0Eg2yRkdVK9QRkU+5dYi7yMqIoyzMcAADqTTQmc3of+k6xPLruRrcQOyAj93BCTgeTz8ynjc/3ieCFAVFgRri18QPb+FR5tj5y/wBoRugMNu5dd5hO4fOVLFkGVBw/DZSVPEsEnij/AIlehzC3uraVXfVRuxaEEEou1lZmcAqVVlwrElgdobS0W/tYbcaZLbRaXc2gVWtN3y4JwGjbA3oxOAcA5OCA2RVCNs7dg5PU9q5MNPdeIEh8VjyrbzW/s+JEAhnYOdpkO5suAF2qTj+L72Fj6s/cH1P9Kwtdvbe7tm0q2hj1C6ulZVhDDagBwXdudqqR165GACeK55fEdEfhK+t5ttYjk8PfNrMijzYMfupYvWXkbcfwt1zwMgkHpNOMrWsRuhicxKZQF2gNjnjc2Ofc/U1y3huNvDUUeka06yXcgyNUO7F+wHVizMVkx/CWIwMqeoXrLV1k+dGDKy5DA5BHrQtwlsYHiGbUBf8AlX5aDw8domngXEh45ViGJEZOMsAD26Emp9fg062021ktSba7jG3Tms0BctjhVXoynuDxjuOCNTVNSttNtd1yGkMh2RwIu55mP8Kjv/nNcto1hP4VvZr/AFqCM2t3ITE8bM/9mKekJycbM87lCjJwR0Y6mJ0+jSapLp+7XIYYbve2Uh+6Fzxg7jn68fQVleI5tYhhj/sRNyMG+0OIg8ka5HzRgsAWxuwCCD17bW6MEMoZSCCMgjvWfdXMNnbyXF1KsUMY3O7nAApoTMZLbw6fCjM0inTiPNed2Iffn75fO4Sbu/3s+9P8NzavKko1YMbZVX7LNLEEmlXc3zSgNgNt2cBQO/GSiYZ0+8k18+J008tp20H+zCG81mGf9LCZ2+Zg42EFtoBDBvkPYWl5b39pHc2cqzQyDKup4NUIl1N9Qj0oto0UU12Gj2JNwjDeu7JyMfLnkZI67WxtOX4bjtbmC6lvi0+rOBHqIuUCsh6iMJkhYhztAJBHJZmLMd7zEihVpXVF+VcscDJIAH4kgVx2uWM3i6+guNDWIW9g5E08rOsepLgg2oKEEx55LncoZQNr/MBBRb0KW9XVBBov7/w4rlVllGTGQrZSJtwLRhguCQccqMrjy+ivNwiJj+/tO0Yzz27j+dVtL1a0vYFjiX7LNGfKezlAWSFgM7do9hkEZBHIJFWrjqtNbiZyejmS61kN4o+TVY03W1uFxCi45aP5jubrkkkr0HHLLrRe11lW8NfPq8i5nt9v7qSPs0vI2kfwnqenI6S66w1iX+ydPjWS7jYO90c7bI9myCDv9FBGe+BRohGi3B0vUUC3Uzl0vecXp9STyHx1XP044FCOjsDIbdDPxKUG8BcANjnjJ7+5+prA1+a+OomHVcweHWZRJNAMO+QPkkbcSIyc5IAz0OBkt0Vv94/Sq2qatZ2EDLN/pErny0tYwGklYj7oX6evAHJ4qXuNGb4hhsraztZLMtb6ig2acbRAzscfc25AaM/xAkDHOVIDDU0l9Sm00HWooYbss4ZIeUA3Hbg5OeMc8Z9F6Dl9EsZ/CV1Lc65FE1veSExXEbM405ScrbkscCMdnUKM8FRwW7SOWOVS0Tq6gkEqc8jgikM5/wASDW4Y4/7FXMLI32mWOIPNEuU+aJS2GfaXwpUjvztCSM+weHf+ER3+cn9l4877Rvbfvz/rN+d/m7v4s7t3vW7d39pYQtLe3EcCIhcl2A+UYBP5kD8R61xy6ber4hfxUdOY6ayqRpJDecjDOb0IDt80ghTGVL7FBDBsxGeVFczNfw2Nbmjk/tpcQqi/ZpZIgk0q5f5pVDYV9oTKhQO/G4pHoakLtbVzpvktcrgqk4O1wOq5B+UkcBucE5welWrS/tL+FZbK4jnR0DgowPynIB/MEfgfSo7mWOFi0rqi5AyxwMngCpkkkXFtvUpadqttqMEjLvglhO2eCUAPC3o3P5EcHtUFlqc2q33mWKqNLjyDcSKS1w3T92M8KD1Y5z0A7jn9YsZ/FWoQXujRx/ZbJiJnlZkTU17wAqR8gPO47lyANrc46TTNVtL6BVh/0eVD5b2smFeJgPulfp6cEcjioLNGZJGs5GtjmUK2wFc5bHHGR39x9RXO6LDJdayzeJCE1iNcwW+3EUcfdouTuJ/iOcjpwK6mD/V/jXNeKIn8RxvoujP5V9GwZtRGcWB65BUglyONoYHBySOK2i9DCW5XliubXX5IfCeJULg38LJmGFiwyyfMuJCM5UHHc88N1TRhEOWzk+lZfh+5it4xo81qlheW65MCHKSj/nojHlgffkHrzWvP/q/xqrknPyadPq+oM2rDy9Pgk/c2YIbz2B4kkPcd1ToPvNk4CWNT0hL4x3NpO1nqEAPkXSpu2+qOuRvjPdcj1BVgGF5JEkBMbqwBKkqc4IOCKdVCIdPlnms0e+txbXGGEkSuHUEZGVbjIOMjIBwRkA5Aq6ouoT+Va6a/2ZZc+dekKWhUY4RT1c54JG0ck5wFa/FIkmWjdXA3KSpzyMgj8CCKQyIJBGXXeQWC55IGMnH4j86AKDeH9MOlDT1iZIlberqx8xX6+Zvzu3553Zzmn6V9vjWS31QiZoSBHdoAPtC+rKPusO+OD1GM7RepqyI0pQOpdcFlB5APTI/A0AQ6lJdR2rnToVmuGbagkbai5/ibvgdcDk1VstDtbe3mF4xvri6GLqeZATL7Y6BR2UcD3OSdGWRI2/eOq7m2jccZJ6CloAytOtLvS7v7GrNc6aQTDI7fvLf/AKZnJ+ZfQ9R0Oetatykx0+VrPBnWNvKDLkFsccbhnn3H1FNMiK6ozqGbO1SeTjrirUP+rFJjOX0OFrnWZH8QnbrUakx25H7qKI94efmz/E3XPBwAAIvKubXxBJB4U2y23mr/AGhEyZhgYuu4xncPnKltyg4H3vvZWSbxRDJ4mVtH0STyLyB1d9TAbFkQQSoKlWZ2HylVZcBiSRwDpaBdwxRDSXs0067tU+a1U5Vl/vxtxvUnv1zwQDxSuwsaTxhE5bqfSo/l9T+VTT/6sfWqySJIpaN1cAlSVOeQcEfgQRTQh/y+p/KnRlVfOScD0qPOOtETrKgeNldGXKspyCCOoNMDB8RXuoC98u53waAQv2i4t1/fDrlSQ2Qh+XLBQQOnXct7VF0VPD6CcCCzhVTbyW52tGf4TGR39Mdfen6jqtpp0LG4fe/CrAg3SSE9FC9STg1zdvpd3o9xHq15arLaKzONPiLOdPDfxJyQx67gAMZ+XodysO50Phy91ma3f+3YlTG0QMIwruvPzOAxAbpkAAD9BZ1J7uO2b+zYlluGbaplOEjz/E3OSB6Dk9OOodaXdveKslpPHMhAYFGB4PSpZJEjYb3VdzbVycZPpTsIzrPQrOC0miuib6W6H+lTToCZz7joB6KOAKbptreabdGyZ2utO2loJnbMkP8A0zbJy4/ut1xweRubUppkRZFQuodgSqk8kDrgfiKAJbtrhNLnawAa5ELGEMu4F8fLkblzzjjcPqOtYehZudZnl17jXYgdsB/1cEJOB5H95Tgbn+8TwdoCovRx/wCrX6Vyvie3l8U50nQpvs13ayq8mqgNizIIJjUqyszuoKMqsuFYksDtDQUETXNr4he38JqstgJlGoROuYbZy67/ACTuXDlSxdBlQcNgNlJesrH0G8txD/ZRsk0y7s0AeyU5UL2eNsDehPRsA9mCtkDYoA5MNdXXiCOHxaqxW/mN/Z8KLiGdwx2mQ7my4ULtUnHVuWwscuuGS21qN/DvzazIoMtvj91LF6zcjbj+FuueORkVc8Q3MM9u2jxWy315dodluThUH/PRzg7VB74zngAmqPhiJ/DUcWja04mvZcY1Q7sagwHVizMVk/2SxGOVOPlUA6K28+Swh+1gLcNGvmgLgBsc8ZOOfc/U9a5nxAL8X/lX7NB4fO0TTwJiQ8cqxDZCE9WAB7dOa62qGp6tZ6fAwnPmyMQi20YDSSMeihff8qVkxptGPr1lp9tptrJayGC7jG3TjaIC5bHCquQGQ9weMdxwRpaKmpyWAfW44YbrecpCPlC54wdxz9ePoK57RrC48K3s19rUMbW13ITFJGzN/ZiseITkkbP9pQozwR/EezjljmUtDIsig4JVsjNLlQ+ZmA4h3t88nX+4P8abiH+/J/3wP8aa/wDrG+pptedc9lJ23JMQ/wB+T/vgf41bvriaLSpf7PG+6W3zAGQMC+35cjcueccbh9R1qhV9uif9c1/9BFXB2Masb2uYuhTR3GqXE2tbv7bTIMJHyQQk8CHnlTxl/vMeoXCosFtczW2utB4YBl03zQLxHQGO3fcN3kncOSCdy8gH5hzlXq+I7eXxO39n6JKLe4tJVaTU/m2wEEFolKsrMzD5WCsuFYknOAdXRbyBof7PFqun3NqoD2YOQo7MhwNyHs2B7gHIrXmZz8iLeswQ3fkM8rpgMBhAc9Pesv8As23/AOfmX/v0P/iq1dQ/1cP/AAL+lZ6Osi7o2V1PdTkV6dGT9mjy60V7RkX9m2//AD8y/wDfof8AxVa+gWcUUs/lyuxKjO5AMc/U1nMwVSzEAAZJJ6VreH2DSSspBBQEEHrTqNuLTJp2Uk0ZmvC+/tLydUYweHmYCSaFcMxIHySNuJWMnOSAM9DgctY8Q2dlbWdrJZuYNRQbNO+yxhnY4+5tyA0Z43AkDHOVIDDX1TVrOwgZJv8ASJXPlpaxgNJKxH3Qv09eAOTxXM6HYT+ErqW51yON4LyQmK4jZmGnKxytudxIEYzgOoUZ4Kg4LcnKjr5mdHo6ajJYK+spFDd723JCMqBuO3Byc8Y54z6L0FDxINahjj/sYZgZG+1SxxB5olynzRKWwz7S+FKkd+dojk6COWOVS0Tq6gkEqc8jgioby/tNPheW9uI4ERC5LsB8oxk/mQPxHrRyoOZmCbDw5/wiO8TR/wBl484XAkbfvz/rN+d/m7v4s7t3vUnhsa1NDJ/bQxEqr9mlkiCTSrlvmlUNhXwEyoUDvxkomQunXq+IX8VHTmOmsqkaSVbzkcZzehM7fNIIUxlS+1QQwbMR7Gzv7S/hWWyuI50ZQ4MbA8HOD+h/I+lHKg5mVNYudRt9PP8AYsMU12rqAk33CMjOTkY47849D0rP8MyWskE88rSTao5C37XCBZFb+5tyQqD+EAkY5yxJJ17mWOJy0rqikgAsccnoK5LULSbxTdNPojrZxQo0Zv8A5h9q/wCmYCkEx56tn/d5+YRzMvlVizZXVxb66bfwyvm6QJQLpZFBSBs/MITuH4jkA8jnIPXI4dciue0fUrQwCxaBNOuLfEbWbEDZ6bTxuU9iOvseK34P9X+NVGTbFKKSOXs2urvXoo/FyrFIp3WECLiCQjq5+ZsyY/hJwB0z1p2stPaa2T4VAfVZE3XVsVzA64O15ORtfOMEEFuh4wy2fEVzDq1m+jaeEury5jJR1bK2vpMzDptPIHUkYHciLw6y+H4V0fWDHHeBS/23LbL7A+aTc5JD+qsxI9SOaszOhVXkt0835XwC2B3xz3P8zXKa6t4dUMGtN5HhxnCtLEuDISq4SVtxKxFi2SAM8KcLnzOwBDKCpyDyCO9Z2q6tZ2UBjlX7VNKfKSziw0kzEZ27T7HJJwAOSQKVkxqTRkeJLS2toLWWxdodXUGPThbxhmkPXyymQGiPG4EgAchlYKw1tKS/bTVk1hIorvdJvjh5RRuYLg5OflxycE9SqZ2jnNBsZvB8zya8sUkV5IfKvY2dlsEZiUtGLHiNc7VdQqnuqnBfsfMSWFmjdXA3KSpzyDgj8CCKOVD5mc34km1eJYxpQItWRvtU0cQeaJdy/NGC2C23dwVI78kBHbLbeHV8KqwkVdOH72OdGO8Pn74fO4yZ7/ez71r3d5BYWklzdyrFDGMszHpXHxafeW+vSeJpdPP9nSAFdNwxlgYZzdbM7d7AgFNu4KAd2cpWhmb3hybWJoJP7bTaoC/Z3MQSSRefmkAYgNjbkAAD8dq6msSapFpobQoYZrrcuEn+6V787hj9fpRbXMN5bR3FrKssMg3I6HIIq680cMatNIsanABdgBmkxowtBh0+40y6e6Y3N3JldRa8QBw2OVZeiqOwHGO55Jg8PT6ib7yrHdP4fG7yLi4XMvThVJbJQHOGIJPT/aqhq1hceKNUg1PR4YzZ2ZIlErMi6qP+efykfKp5DNuUnjbjkdRpurWeoQL9nbypASjW8g2yRsOqlexFSMnvppYrOY2qhrgRsYgVyC2OMjIzz7j6iuc0Oc3OtSyeIQRrUYPlQY/dQxHvDz82f4m+8TwQoAUdFdOsfzuwVVXJYnAA9a5LxLE/iZTpOiTeTdwurtqa5K2ZBBKgqyszMPlKqy4ViSRwDVhE32i4tPEEkPhNBJamVf7QidAYYHLruMZ3L85UtuQcDhuGysnXJIHzgHiua0S+traAaZPbxaZc2oAa2DfIwJwHRjjcpJ69cnBAPFdBAM55x0osBPRRRUjCiiigAooooAKKKKACiiigDkviFcXlvpumtpgi+1HUIxF5sYcBsMR16HjrWV4v1K3h8OQTaJbW6SasUu7gtCrbowBksD1OSq/jXReLYoXXSZrm8tbSO31KKVmuZNgfGflX1Y54Fc/qfhiSx0nVRf6lYwQzSLDYNM5RYozJvKscdSxwAM8KKI/r/l+oP9P8/wAjS1u60G1ubq6v9De5SLat1dCNNqkjuGYFuCOgNTXGsaZp2oXFraaNcXMkdmjzPbom3yecDLMM45461n634Q1PVJNTRRYTLecw3VxK5e3G0DYIwu3GQfm3cZ6HFa9rod6l7eXE7W4NzYR2wVHY4dQc9VHHP/1qWtv67B/X4orxP4a1VW26YkiWlmsqkxADymBIUc+3Q1jWGo297rF6x06a30dLOImFYYSJVI+UNyW9gB+NXrfwzrmnQsli9hKbiwW1lM0rr5TKCNygId456HbVaLQ5rVbrS/7Vs4tQubOCOONZSGJQc54yFPTIp9X/AF3H0/ryNLS7nQYNTljOjnTLq1tzMTMqE+UepyrN6dDVOW70+HS7rUdO8LXA32sskM7RR7HG3PI35UHryBkU+z8IXw1SaeeDT7O2ubJrWSK2meRlJ/i3Mg3dehAx71dTTteGhSaTdnTYrVbR4PtQldncbSAShUBPU/M1KXwv+u//AAAjuv67f8Eg0aPSNShsLG80YRXEdmLlVdE2qrMQQNrHqRnFO0fW9He8tIdG0WcSS2aupjSNRFBvYYJLdAcnAz14zTbPSdcglsb+0GmySixFpKhuH2ABsrIrCPLdTlSB9ak8M+GL7RrmCW8lt38vT1tm8oty4kdiRkDjDCqlu/n+v/AJXw/d+n/BItP1nS7ez0D7Dpl1dTXNvL9iCxRK6KNu8HlVXPHtx9Ko6jeWerW9lHo1qPtE1xcM+ny2SSnzFYiVm/eJtIbuHwd3fIrS8P6BPbxeHZhcW00en2k0UjROSHL7MFeOR8p64rOmsZvDGrRai11Zrcy3F4RHcu8cMkUsnmAGUIdrjA4wc8/Wk7X18/z0K6aGXBPaRaPHFZebZzDXY47uSe3jTypNoyUU7goAAAJz0zk5zXSS6lcWGuWVqmqtrFtdLILiN0iLRKqk7gY1UY4xg561gwWTXFjLqGtXFjbwTa7HdbpiVilRUUYTcMt0IBIGcZ4zXY2d1od4s9tos1j5zxkFYNoJHvjtQ78vn/wELS/9d2Zqa1pV54btg2iXBs7gqlnaske6b2Vd3GMdTilXVdBs9JvLabTGtfKdUmsXjUu7N93GCQ2fXNP/AOEbvYdD0Zbd7dtQ0rDIHZhFIcYIJAyOD1wfpUFz4W1DUWur+6mtoNRklikhijZniTy+iliATnJydox6U3a7/rsBIJ9I07TLlbvw9PZLIyIYJIkY3BP3QpViCfbPFRpfeH9Os7+K60Z7B0RWmtpY0ZpVJwuCrEEZ468e1T6rour+IdP2anHp8EkMqSwQxSySqzDrvcqpwfZePemWnh27SO7kbS9FtpZIhGkYeS4DjqQzkLgH0CnHXnpSAZ9o0bTdNu2vPDs9lCyLuEkaOJsnCgMrMM5I4JGOtRXV7baRod6bXw9JYTSiONRcojRy72CDLIzAgZ+7kGpLPw3qMP21xbabbRzwrGun+fJcQOQeSxKqVyOOFOOvPSof+ETupLTUPtJtdLikjjMUFvcPPGkkbbhISyrjoAQB0HWh+YLyIDcr4EuLmN9lzFJp8l4rmJI33x4BTKgZU7hjjI55NWPD93JBqNjBbXo8i6Ekk1vNaeTG7Eby1uwQb+ck5LZU5zxy2LTl8YtdS6leWBC2T2SpYXBmCb8FpCSq88DAx26nNP0+6GvavpcdxqGlOumu00X2K5Mj3LBGQEqVAQYYnALdhnuWt9f63/Swntp/Wi/W52LMFGWOKTzU/vCnUUhkTSJvT5h1P8qf5qf3hSP/AKyP6n+VPoAb5qf3hTJZEMZwwqWmS/6s/h/OgBfNT+8KPNT+8KdRQA3zU/vCmRSIIlBYdKlpkX+pT6CgBfNT+8KPNT+8KdRQBEJE85juHQf1p/mp/eFIP9c/+6P60+gBvmp/eFMaRPMT5h3qWmN/rE/H+VAC+an94Uean94U6igCKSRCnDDqP50/zU/vCkl/1f4j+dPoAb5qf3hR5qf3hTqKAIopEEKAsPuin+an94UkP+pT/dH8qfQA3zU/vCmJIgL/ADD71S0yPq/+9QAvmp/eFHmp/eFOooAiaRPNT5h3p/mp/eFI3+tT6Gn0AN81P7wpkkiFOGH3h/OpaZL9z/gQ/mKAF81P7wo81P7wp1FADDKmD8wpsciCJMsPuipT0NNi/wBSn+6KADzU/vCjzU/vCnUUARRyIN3zD7xp/mp/eFJH/F/vGn0AN81P7wpgkTzidw+6P61LTB/rz/uj+ZoAXzU/vCjzU/vCnUUARSSIVGGH3h/On+an94Ukv3R/vD+dPoAb5qf3hSNKm0/MOlPpG+6fpQAxJEEa/MOgp3mp/eFEf+rX6CnUAN81P7wpkciANlh941LTI+jf7xoAXzU/vCjzU/vCnUUARCRPOY7h90f1p/mp/eFIP9c3+6P5mn0AN81P7wpjSJvT5h1P8qlpCuWU+hoATzU/vClIWRCCAysMEEZBFLUdy8sdrK9vF58qoSkW4LvYDhcnpk8ZoA5vUbpPA1tJfOzPoQ5lhALPak941HLKe6DkdRkZAs6fbyeIGh1bU8C14ksrIHKqO0kmOGf26L05OTVbw28utz/b/EMP2bVrfg6WzBlsM+h6SE/89BwegxUWoTXOg61DB4Xtf7Re6lVrrSxII1gQn5pw54THPyfx9sEE0AdRcAGPkA89xXOahpz6dcS6tpCR7/v3do5CpcqBywJ4SQDox4OMNjhl6SbHl8+vpXGpNPrXiK407xHbnTrWGVvsVpvDrqKKeJmYcY/6ZdR1bOVxEots0jJJDdPv4PHlt51lui0IErIGQxzXbDqhB5SMd+hf2T/WdMY0trRxbokQjibYEUDbhTjFYfiQJpRGqaSSNWf93FZqvGokDiJh29pP4OpyoYHYspZ7vQ4ptRtjY3Uttuntg4l8hynzJuGA2DkZHXFQ4SsaRmrmA259SS/klke4jj8uNmckRg9do6AnuRycCrP9oXf/AD8Sf99U/wCy2/8Az3k/79D/AOKo+y2//PeT/v0P/iq8/wDed/xPW/ddvwKtiGs7qV7aSSP7RIHkQOdpbudvQE9yOta+pQLqEL210ztCXyyByAwB6HHUe3eqaWsHmL+/k6j/AJZD/wCKrYe3Uux8w8n+7/8AXranz2d2c1Z07qy/AgWaRECIxVVGABwAKrm3Q6kL8FluQmwurEb19GHfHbPSrv2Zf+eh/wC+f/r0fZl/56H/AL5/+vWtpGF4Edy8kkRjMsih48Eo5UjI6gjkH3qCyiTT7RLazHlRJ0VT+vufen3dxBBMI5DJkKPuoP8AGoPt1r6zf9+x/wDFVEp2drmkabaukOvLdL5oHuNxkt5BJFIrFWQ+xHOD0I7jg1cM8vkqfMbO49/pVH7da+s3/fsf/FVbtzFdW+6NnAVyPmQeg96cZOTsmTOKgryRWtLdLKW4lg3CW5kMk0jMWZz2yTzgDgDoBwKfeRrf2klteDzoZBhkbkGoLW9V9Tl06/VrS7DM0Kn5kuYgeHRuMkDG5cZU+qlXaTU7u30yFCxlnuJjsgtoUBkmb0UEgfUkgAckgDNaclQz9pSJonkgs/KWaVhHCVDO5ZjhepJ5J9zWLtJ1IX7PI1wqeWjM5Owd9o6DPfHXAret7aSSzX7VtineL94kZ3qjEcgMQCwB74GfQVX/ALHX/n4P/fv/AOvXVR92PvHHX96V4FI3lwykNMxBGCCetQ6Yp09Ut7WSRIfMyI95IXJ6DPQew4rT/sdf+fg/9+//AK9Oj0lVkU/aCcEH/V//AF63vE5+WQazotrraxi8MoaBi0LxuQY2/vDsSMd81g3HjltF1GLQdVRrjWZeLXyQViuR2ZnwRF7hv+A7uM6XinU9T02O3/suyMsErlbu9yD9hTH+s8rrJ9B06ngVZsdJ0s6Q0MeLuC6G+WWTDm4J/iY9z/LtWHNE6OWRFpuh/ZtQOq385uNVkUrLKhKoAcfKq/3RgYzk+p5rUvIVvLWa2mLeXNGY32sQcEYOCOnWud0S+vV1+TS7WN9R0WGNsao8gDQyAgeRg8y9/nHTG05IzW7e38dqshEU07om4RxBdznGQBuYDJ6ckD3rOpJW3NKcJN7HO3l9F8PrNp5mdvD+77iKXltHY9FUfNIjE9BllPqp/d2rfS316e31jW+GjZZbG1ik4tl3BgzMp+d22jODtA+UZ+Z3XTo99yup62TJf4PlxRjdFaA9VQnGT6uQC3oowojTdo18jaRHJLp00gE9l8q/ZyT/AK2Ik4xn70fAxllwwKyZc67m/spdjpdx2Dnua5y401vDklxq2j/Mjs0t9bSyf64ZLFlY/dcZOAflI+U44ZegiljnhDLuA3Ecj6e9ctaTT67rs9p4mtjp620zGz04uJFvI1b5bhmHDdv3f8HVs5XG8ZRsc0oyUgtLmL4gWa3Kll0An5I2BSW6cd2B5jUHscMx5OAPm6Ir9j01YrdmVYlVFJbJwOOtYfiMnR5f7R0NDNq03yrp6/KNQI/hJ/gI/wCeh4XvkcVuwiS80uJruI2s8kaNLDkP5TYBK7hwcHjPeqUo3IcZWMkRD+0jflna52eWHZydi+ijtnvjrVhrmZ1KvIzKwwQTkEVXnlWy1Rba/wAw202Bb3fVWfujf3D6dQfUHirV6lpp9o9zeXflRJ1Jjzk9gBnJJ9Bya2vEytIh0yP+z447a1eRYQ/yoXJCgnoM9B7dqZewLe3MMl0Wk+zuXjUsdobsSvQkdielWNKgnuYEuLuFrRmfKQthmC5+XdjgMR1Azj1NQ6qx0xo7h43kssn7TMgy0A7MU/iXrkg5Xg4IyVV4jsyb7VP/AM9W/Oq1vCtpdXFxblo3uSGlCsdrMP4tvTJ7nqcDPSry2sD24nW6BiK7xIFG3HXOc9KpaY41V5pYFZbAYEFywwbg87mVf7nTDE/NyQNu1md4itI0r6yh1bS/sd+GkgkWNnUMRuwQ2Djtkc+tc9deIG8ELb2GpNLd2s7CHTHjx5m7oIZOgAHGJTgY4fBG5+jv5J7XT2awtzeXKqqxRFxGrE4ALMeijOSQCcA4DHANSx0OGJZpdSl/tC8uU2XE0kQClf7ipk7U/wBnJ9SWOTXG92ditZENhojnUo9Z1eQS6rjjyWIihUgjy16bgNxyzDLHnCjCrf1CWQIirIy7gQSpwap2Npd6TfJaQ77rSpAfLZmHmWZAyFOT88Z6D+JTgcqcpp3FmbqLMTgMoO0MMAn69qqm/e1JqL3dDGsYxp1qtvZlkjBJPzEliepJPJJ9TRexjUbVre8zJE3YnoexB7EetS6Uq6grwzsbS/gwLi1cZKH1Bz8yHsw69wDkBdVVNORI42a6vJuLe1jX5pD9c/Ko7seB+ldPNE5uWRb06SQIyGR2CKACzEn8+9UdQ0Rm1FtY0qXydVAADSsTHKoGPLYdgcdRyDzzyDrWVg8MQMzKJGUb1XkKe4B4yPfArn9VmvrnxIdI1KJtN0WQL5V8soJvnI5h45ix78v0GMHPPO7lob02lHUgtfEMnjE3Gm6cZLOK3YxalI5BdT3ii7NnvIOAPu5JyvR6Rp9vpNqlnYq0cCsxVCxbGSSevbms/W9KsLHT47yO5XTJrNQlvPFFux6R7B/rATxsHJ7YPNW/Dlzql9osN3r2l/2TektvtBOs20AkA7l45GDjtnFTaVy7xsSaxoFprTQSXDSxz2uWt5onw0Lkqd4BypIKjqCOoxgmsb/hKr3+1f8AhF/Kg/4SPy9/m7T9l8r/AJ79c5x/ywzvzxnZ++rY1W41CTybXSl8kzE+devtItkGPuofvOc4XI2jBZs4CPH/AGHpf9k/YPJk2b/N87efN83/AJ6787t/+1nP4VrZmRLo+gWmitPJbtLJPdYa4mlfLTOCx3kDCgksegA6DGAKsanpdprFi1nfxmSB2VmUMVzg5HI7cVW0q41CPzrXVV84wkeTeptAuUOfvIPuuMYbA2nIZcZKJJqepTWtpIbC0N1c8CNGcIuT3Ynoozk4BOAcAniizFcwbrXv+EMa30zUw17HcMItMkQDex7RS9lx2kOAR97BGW1NO8PBdRXWNVdZtVIILREiOJSMeWo7gZ6nknnjgBllYWkUc7aju1C7ul23M0sYAcf3FXJ2oOy/mSeabp8tzpV6tmiyXWlspMUjMPMtSP4GyfnQ9j1HQ5HILMOZGxdDchjDMoZSCUbaR9COlVbK1h060S2s18uJewOST3JPcn1NXBi5UOpIHTkUfZ/9r9KegFG9sodQ8o3IYvC4kidWKsjD0I5Geh9RVvexQ5J6in/Z/wDa/Sl8j5SN36UXQtTn7+zn02eXVdH2hj893aM4RLkDqwJ4SQDox4bGGxwy5mmeKE8dxvH4duJ7awibbeXTxtDMT/zzjVgCue8nQDhcsS0c0f2rW/EVxpviW2/s62hlb7FaGQSLqUaniZmHGP8Apl1HVs5XGj4isbW3t11M3v8AZ95bgJDcJEZC+TxEYxzKGPGwck/dIODRdDNPT7aCyhitbSJYYI12pGgwAKTVNIg1ONCWe3uYTuguocCSFvUZ4I9VOQRwQag8OT6nfaLbXevaX/Y9++7zbEXC3HlYYgfvFwDlQG46Zx2qn4p1XVNPmtIbO28nTZw/27WA4Y6eBjafKxlt2SN33UxuYEAikwRTXxTdzaofDKRQp4hVN0k20m2WP/nsOck/9Ms7geCdv7w9Dpmk2+lwssW6WWU7priU5kmb+8x/oMAdAAKqSaHpK6GIOI4EPni6Enzq/XzfM67u+7P6VX8LapqupLdLqVli0hZRZaluC/2ghBy/ldY8cDnhvvLgECkM2L2wttRtHtryJZIn6g9j6g9j71zV54ik8KXEGl6qGv5LttmmzDAaU/3Jj0Qj/noeCP8Aa4Or4j1XUtN0h59D0r+1LsOq+QZhHhSfmfn720c7Ryegqto9rpl5pslw8v8Aaj3q4uLiVMb/APY2/wAAH93t355pcyHysuaZpDQTG/1N0udSkXDSKMJEv9yMHoo9ep6n0q5drvjaLc6K6FSUYqRnuCOQfeuc0fVb2DxC2k2Nu+o6JErZ1F5QDauOkGDzL/vD7vQ5NdJIyuQeRx6VMnpoVFWepWsraLT7RLazQRRIOFH8/c+9MvLKG+aB7gMZLeQSRSKxVkPsRzg9COhHBqzhfU/lRhfU/lWeproSwktu3HP1rI1Cxl0iebV9HVcEmS9smYKlwO7qTgJKBzk/K2NrY+V01o2VATyfwrHe2n1q+dtYiMOnQSkQWOQ32gqf9bKQcYJ5WPpjDN8xCR6RemplJNvQp6dfxePrVbu0d4/D+SuxlMct4w6hlOGjjHocM59EH7zp/LSKDZEioqLhVUYCgdhWPqNlKl02p6GViv8AA8yKQ4iuwOivjOD2DgEr6MMqdJLwS2SyywywM0YZon2lkOMlTtJGR04JHvT5lYSi7mLqWhC51AarYTG31SNQsUr5ZCBn5WX+6cnOMH0PFZNv44/tvUZdB0lDb6zDxdGZS0Vtj7zK+AJfYL/wLbyK0NRuLjUbsWUZmtLDbunuEK+ZNn/lmmDlR/eY89AOpKy3NnpU+nRWaRSW6QYMDQqFaEjoVOeD/PvWPOu50+yl2LOjaJa6IsgszIWnYNM8j7jI3949gTntirV/ZwajbPbXab42OeuCp7EEcgj1FZ+k6jdYe31SMtJE4VLmMKFuF7NtzlW9R09D2E3iW41XTtJNxoWm/wBp3JkVWi8wJ5aH70mOr7euwct0Fa05J3MKsXG2hi3Xia48NXUGkaluv7q6O3TpQQvn/wCzKcYjI7t0YdBu+WtjTNMe2ma91CYXWoyriSYDCoP7kY/hUfmepyaZpOjabeaVJMZ11T7cv7+4lXJl9sfwgdl7fWqeiXGoL4gk0u1ibUNEhjbGqvKAYZAQPIweZcc/OOmNpyQTWt0ZGxel5Vkh82RFdNpMblWGR1BHIPuKgs41sLSO1sx5MMYwqLwBWlJZeY+7zMcAfdpn9nf9Nf8Ax3/69csozu7HXGdNRVzNu7dL2W3lnLebbSCSGRWKsh7gEc4I4I6EcGtKGV2hyXJO49/pR/Z3/TX/AMd/+vTxCIEClieScgUKM1uEpQexVs7KCwadrcMJLiQySyMxZnPuTzgdAOw4FOvbaHULR7a8QSxOOVb+Y9D71PhfU/lRhfU/lT1J0EgBihWMO7BE2guxZjgdSTyT71j6johl1E6tpsxg1VFASSQlo3UfwMvofUcjr7VtKF55PT0rl9XvbybxCNKvon07RZFXbqCSAm6kPWHjmL/eP3ugxVJSexLcVuR23iOXxbJcaVp2+zNufK1KRzkxnvHF2fP9/oB78DoNJ0630ezWzsFaOAOWCly2MnnrWfrGn6bZ6dHcpP8A2ZJZLtt5448lPRNoPzg/3e/bnmrHhu+1LUdJjuNd0z+yrsuwNuJRLlQflbI6ZHO08joafLIXNE0iBk8D8qTA9B+VT/Z/9r9KPs/+1+lbaGOpBgeg/Ks7Uy8rTW/myRo6BSY3KsAV7Ecg+4rY+z/7X6VR1DTp3immszHJceX+6ilYorMBwCwBIBPfBx6GmuW4pc1jNtVFjax21oBDDEu1EQYAFR3MCXc9vPMW863ffFIrFWX1GR2PcdDVrTEg1SBmilkhmibZPbTRgSQP/dYAkfQgkEYIJBBqK4GNVj06wP2u4yrXH8KW0f8AeZueT/CvVj6AFhd4EWkbGnfvrXMoDnceSM1lahZf8I+02rabGhteZL2yOArDvJHnhXHp0bpwcGtm3jFlD5ZYvk5yBislLafV7z7RrURitYZP9GsNwbODxJKQcE9woyB1OT0xclc1UXYqadLD45t479Bs0InMUBTbJdEd5AeVUdkPJ6njArqEiSJQI0VABgBRjArEv7Sa1un1PQgBcnme1Y7Y7oe5/hf0b8Dx01VuwYFkeOSMkAlGxlSexwSPyNK6Y3FozNQ8P7tRbWNJkEOqgABpWJjlUADy2HYHHUcg888g5lrr58aG40zTQ9nFbsYdTkfG9T0MUXZs95B8oH3ck5W9qElzqt41m4ltdMQAyujDzLon+AYOUQdz1PQYHLOvbG0ljgfTs2F3apttp44wQi/3GXI3J6rkexB5qrMm6NPTNMtdHsVs7BDHArMyoWLYycnr25qvrGgWmtNBLcNLFcWuWtp4nw0LkqQ4BypIKj7wI6gggkU7TdTmubSM6haG1uidskauHXIOMqw6qeoyAcHkA8VX1W/vZPKtdKQwmYnzr1tp+zoP7qE/NIc4XI2jBZs4COWYXRl/8JVenVf+EY8qAeI/L3mXa32Xyv8Anv1zn/phu3543bP3tbWj6BaaKZ5LdpZZ7khriaV8tM+WJcgYUElj0AHQAYAqp/ZWkf2T9gEEoTf5vnbz5vm/89fMzu3/AO1nNS6Vf3sYltdVQzGEjyr1Qqi4Q/3kB+VxjDYG08MMZKIWYXRd1TSrTWLFrTUIzJAzKzKGK5wcjp2rmdQ8T23gGOGz8QvLPZyHZY3EMRkkIH/LORVHGOz9CPvYIy274g1DVLDQ5LrQdJ/ta8BXZamdYcqSMtuPHAycd8YFReH7a0mtG1Bbn+0Lm6G2e5ePYeOsYQ8xgHjYeR3ycmkMhtNEbVLyDWdc2/aYyHtYIZPktl6gbh99j3PTsOOT0HSuTW4utG8SQaX4dtv7RsZJB9sg80INMU/xqx6g/wDPLr3GADXWUAcxPYL4Pjm1PS8tY8yX1s75Yj/nojH+Id16MOmD1jt1h+IFkl5PuXQm+a3g5SSdunmP3TGeE4PduwDdJnutf1V18U2n9nXNq5a30kyiRSoPyzlxxIT1wOE6Hnmn+I5Z9CuftvhuD7ZqtzydIVwi3uOrFjxER/z0PHY5JGADqI0Ecaov3VAAyc1i3+gEalJrOjOsWqkYPnMTFOuAPLYc7QdowyjKnnDDKtreeUtkknjMbsBuQENtOORnvWJfvcavevaTLJa6VGB5hRh5l4SM7cg/JGOh/iY5HCj53Ziuilaa6PHS3Gn6Z5lpZwMYNTkkwJd3QwR44IPOZRlccISSWj6TTtNttJsEsrFDHbxliiFidu5ixAz2yTgdhxWXfWVtMIZtMJ0+9tU2W86RAqFH/LN0BG+P/ZyPUFTgi9pupS3dnE19ZtZ3RBEkIkEiqQSCVYY3KcZBIBwRlVOQCzC6JrjTLW7vLe5uI/Me2JMSsTtVj/Ft6bh2PUZOOtWcD0FZep63/ZUkMs9szWDZE9yrZNueNrMuPudcsD8vBI27mW619AluZ3cLEF3GQkbceufSp5kXysba6ba2U9xLax+X9oYPIgJ27vUL0BPfHWmarpNprVibTUI2kgLBiocrkjp0qDS9ZOqCWdLV4rPIFtM5w047tsxwvTBJy3JwBgluq6xNa27rp9obi6JCoHYKi5/iY5zgdcAEmmtdiXpuY914ifwjNb6RqQa9e5Pl6ZImFMnokp6Jj++eCP8Aa4Oppvh9YdQGr6lL9o1V1IeSMlY1BH3FX+6OxOSetVrO3sIrecagsl/cXS4uZpkH7wf3QM/Ko7KOnueaTTr240y8+xMJrvTipMMzsPMgx/A2T8w9GHPY+tVysXMjavoluIJIJM7JYyjbTg4Iwea5O7uovh/ZNcuzNoAPzRqpeW1cn+EDJkQntyynnlfu9NcXqG3MyRSyEKSsaBdzkdhkgZPuQKydPs3luU1LWzvvcfuoI/mitAf4VJxub1cgE9gBxTsK5BBpreIpbfVtZ+VUZZLG2jk4gGQwZmX7ztgZwdoHyjPLN08Lddx9AK5wW0uj3qSaPG0tjNIBcWXC+SSf9bEScDn7ycAjJXBG1+htXV92zPGOopPYEWKKKKkoKKKKACiiigAooooAKKKKAOS+IFnHqFno9nON0c+qRRsPYhhXMeI72XW/DcUM7bn0mEG75/5eN/lD/wBBdvxFdP8AEG5u7XTdNfTkhe6/tCPyhKm4BsMRj0PHWsrxff2lt4cin0S0txJrDJd3G+PdujAGWI9clR+NEevr+i/4I3uvT9XcXxLrN/Guq3OmyXzfYGVRMsqQ28JCglSNxaRjn+7jkDI61euZL7UNc1Bf7SureKDTo5444H2gSEMc/p0p+tTeH4bq7nvtFmu449ovbiNV8tCRxuUuCxAwflVscVPcavpOmahcWtrpF3dSpZo0zW6KQIOcZLMM4546/Wp6f12/pgv6+9FLRdcvbqG+kurs7l0uKZecBWKtlh+IFZGk3L27alq01/dCc2NuS+fMyzDHCkgE+meBXRxr4Y1RX8vT/MjtLJZAduA0TAkL156dDWLY6haXer3v/EtmttFSziLIYom8xSPlBwxb2AA+uKr7T/ruC2/ryJ7PWNUsdX1CF0u0RNONzHBfTrLJvGeTtJCg+gY/hVi4sZLnwRNfzazeSST6fJJInnfI5KE4AxwB7Va0qXQYtTlDaTNpl5b25lLXW0s0J6ncrtxx0PI9Koy3WlwaZc39h4XvSjW0rwTPGpicbeeN/wAgI9QuR09KmXwv0/z/AK+QR+Jf12/r5lnw7cSWup2dkbqRrcaQkwWWTd825snn2xVHwve3+salYi71K5MS6alwypJjzH81xkkdRgYx3q/o0Oj6lDYWd3pDwXMdmJ1VyMKjMQRlXPBIzjpinaPrGifbLOHRNHufNls1ZfLRFEUG9hyS4GA2TgZPPGauW7+f/t39fIlfD936f18zP0u71DVofCsM+pXMa3dpPJctG+1pSuzGT269qTSdQ1DUtVttFu9RuEhjlvQZ0bbJP5UoRFLdeAcn1x9avafq+k2tjoBs9Nu7ue4t5fsKxRIrqo27wcsFXjB5OOOucA0dRu7HUrexGi2Ze4muLhzp72wMgkBPmsW8xAhDZBO/B3d8ih7/AH/n+hT2M6a5v23QG7OovaeI4Yrc3Em0bdoIUsAcdeuDXU3um6pf6lbajqEdnZjT0kdBbTtM8jFSMElEwO/fNcray2qaRHFp6yWtwdejS5a4t1XyZSozsUlhwAOSTk5OTnNdNPqF5pmtWVpPqA1W3vFkEsflIrxqqk7htxxxjn1qfs/1/Khdf67szrS5v/7D0FJNRuy+rOouLkycoNpOF7LnGOKTUdW1DTbq+0u3vpHhWe3RbmQ7nhEh+YbvXjjPrWgmsaPeeGbcNo119hmKpZW5RN057bAHyuMdW2+vSnJqPh+20e9guNOktvLkVLiymQNK7t93oxDZ7EMfqKp7v+u2gEXiF7zQNNVdPvb66a6uI4irSo8kYPUqzkYJ9zioEPiTbf29lFeWsTQK0LandQtIHzyoZHcgEdCehq0JtFsdMuhfaDd2YcojQ3EYkacn7qqyswJ9t3HtTI7rw7ZWl+l7pE1lIqKZre5UPJIpOF2sGYEZ4+9weuKQdiulzqDRX1jZSalZaoIUkW21KeN1cZ5KSqWwTyBk8HsKo6tdv/ZN9ZTf2tbyqbd5rbUJElBiMoDMrozZHUEZ/CtcTaLY6fdtf+H72zRkTcLhBJ52ThVV1dhnJHBYY68daiubyz0rRb5ofD9zZzyrHEFvVV1l3sEHzq7AgZ5XIPtQCJNW2p4uh+zzx2qnRp/OmYfLGuV2M3TgZY9fWpLAXXhr+wNPS/8A7Rtbs/ZgojRQgWIsHTaMkfLzkng0zRrQaB4hXSZ/LuEvrRphM0YVhsIDIfVfmBH41U8P3cMvxAkt9Os44dM+xO9vLksZSsiqWXP3V5IGOoGemKa3S/rRtiezf9apHcMCRwcUm1v+eh/IUrMFGWIH1pvmx/31/OkMaytvT5z1PYelP2t/z0P5CmNKm9PnXqe/tTvNj/vr+dAC7W/56H8hTJVbyz85P4CnebH/AH1/OmyyIYzh1/OgB+1v+eh/IUbW/wCeh/IUnmx/31/OjzY/76/nQAu1v+eh/IUyJW8pfnI49BTvNj/vr+dNikQRKC65x60AP2t/z0P5Cja3/PQ/kKTzY/76/nR5sf8AfX86AGhW85vnPQdh70/a3/PQ/kKYJE85jvXGB3+tO82P++v50ALtb/nofyFMZW8xPnPfsKd5sf8AfX86a0ieYnzr370AP2t/z0P5Cja3/PQ/kKTzY/76/nR5sf8AfX86AGyK2z756jsPWn7W/wCeh/IUySVCnDr1Hf3p3mx/31/OgBdrf89D+Qo2t/z0P5Ck82P++v50ebH/AH1/OgBsSt5KfOR8o7Cn7W/56H8hTIpUEKAuudo707zY/wC+v50ALtb/AJ6H8hTEVsv85+96CnebH/fX86akiAvl1+960AP2t/z0P5Cja3/PQ/kKTzY/76/nR5sf99fzoAayt5qfOe/YU/a3/PQ/kKY0ieah3r3707zY/wC+v50ALtb/AJ6H8hTJFbZ98n5h2HrTvNj/AL6/nTZJEKcOv3h396AH7W/56H8hRtb/AJ6H8hSebH/fX86PNj/vr+dAAVbB/eH8hTY1byk+c/dHYU4yx4Pzr+dNjlQRIC6/dHegB+1v+eh/IUbW/wCeh/IUnmx/31/OjzY/76/nQA1Fb5vnP3j2FP2t/wA9D+QpiSoN2XX7x707zY/76/nQAu1v+eh/IUwK3nH5z90dh707zY/76/nTRInnE71xtHf60AP2t/z0P5Cja3/PQ/kKTzY/76/nR5sf99fzoAbIrbR85+8Ow9aftb/nofyFMkkQqMOv3h396d5sf99fzoAXa3/PQ/kKRlbaf3h6ego82P8Avr+dI0se0/OvT1oAEVvLX5z0HYU7a3/PQ/kKakqCNcuvQd6XzY/76/nQAu1v+eh/IUyNWw3zn7x7CnebH/fX86bHIgDZdfvHvQA/a3/PQ/kKTowUy/MRkDjJ/wA5pRIhOAyk/WqWqaVFqcaN5j291AS1vdRffhY+nqD3U8HvQBaCt5zfOfujsPelHLFRL8wAJHGQP8g1zH/CV3I1b/hGfIhPiXyvNxz9n8jOPtOeuM8eVnfu4+5+9rc0vSYtMjkbe9xdTkNcXUv35mHTPoBk4UcDtQBfoqs0jhj8x60nmP8A3jTsK5aoJCgknAHJJ7VV8x/7xqV4lubN4pclZEKt9CMUWA5vxGsur3iWnhqZYNZhXP8AaIXclmp7OP493aP8TjvZ8NywWUcun3ifZtUQ77oytk3BPHmqx+8p7enQgEYqnO8Hw8sJLp2P/CPqd0/BaS1J43gDl1PcDLDsCOk0emf8JW1vqmrL5dqmJbG2RhuUZBDuw6scD5RwPc80hnRT/wCr/Guc8RT2k1qliYftt7M3+iwRSbXVwceZvH+rC55ft0AJIU9ORnrXOz6G2i3txrGhxiWWYl7y1kYD7QMlvkY4CMMnGSFPQ4+8HcVjJ0CK60bUhD4ruFvNUuRsg1QJsjnXr5Kr/wAs2GM7f4wNwJIYJ1LMr2zshDK0bEEHIIwawLS+tfiJYrLp7f8AFPb/AJpGQpJdup+6FIDRorDqcMxHGFwzdLaWUOn6ZDZ26/ureIRJnk7QMCh6qw1o7mBRW3tX+6v/AHyKNq/3V/75Fcn1Z9zv+uLsYyf6xfqK22+8frTQq5Hyr/3yKgeaQSN83c1pCg49TCriFK2hYoqt50n96jzpP71aeyfcy9suxmauQt6xY4AQEk9uKpA5GR0rpnijnh2zxpIHTDB0BDD0Nczf3cHga0e7vTu0BPvMU3yWeemAAWdCeMDLLxwRnbyywrk27ndDHKMVHlBmCjLEAZxkmtrSP+PJv+uh/kKz7KxfW5odT1WJEgXElpZDaQno8hHDP7DIXtk/MbmsXEtrHB9mby9xbO0AZ6VrRwzhO9zLEYxVKbViv4kltprePT/s7XeoTHfaQRvsdGHHnFx/q1XPL/8AAQGZlRs/w/Fc6PqH2fxTOLzV7ldsWq+XsjuV6+Uq9ImXGSn8Q+YEncEhtXks57meGVzNdPvllY5ZvQZ/ugHAHQfiafezSahaPa3jmWGQcqfzBB7EHkEcg13+zZ5ntUdevU/Q0lYGkXd150cElzJKqxkZkOS2F6k9zWr58n9+uepL2bszopQdVXRaoX7w+tVfPk/v0qTyF1y3es/brsa/V5dyW4uIbZHkuZUiRQWLOwAAHU1w02la3fzPe6BM1noTks+lMuyS+Hdkc/6gN2X+Lvtycdprfh6z12OIXe5XgJaF0I+RuOcd8Y6HisS48bQaLqUPh/WIxJr1wMWcUKkR3g7Pvxti6HIYg8Hbu4ycpPOaukXthc2EQ03bHGg2CDbsaIr1Ur1BHcVHf/8AH43+6P5U/TPDi2+pnWNQcTapKpWR4xtjVTj5VHoNoGTye9aUyr5p+VfyFTKk5K1zSnWUHexg0Vt7V/ur/wB8ijav91f++RWf1Z9zf64uxXsP+PP/AIGf5CsrxHNbXUMdhBF9r1GRt1qkT7WhYHHmlx9xV7n/AICASQp3wdsY2gDk9BXOSaY/hua51XR182OUtLfWzkAyjcW3Ix4DDccA4U9Dg/NW0aTSOaVVSd7Ffw+k+kXxtvE0wudXnXCans2R3SjnYi9IyO6d/vAnnb1SMGjLKQQQCCO9crb3MHxCsY7iBv8Ain2O6NipSS7YHrggNGoPrhiR2GN3V2ECW1vHbx/6uGNUXPoBgVShZ3Ic7qxm6xeWFvp8iaionST92LZV3vMx6Kq9yf8A6/HWua0+0vtGv4rzxSxnsicWZLbxpmeiSH+Inp5vbp0wT02o+HRJqn9saY6xaoigKZRmN1AxsI7A+o5H6VnW+vnxa9zpOlR/ZJLY+TqkkoDG3Y9Y07OSP4h8oB9eBpczsdBG6uQUYMM4yDmo7m6gtInlupo4Y0UszSMFAA6nmn6To9notiLSwQrCGLAMckE8nms7W9Cttb8lrhnSa2JaCRMfu2yCGweDgqODxRcRyzadeyXB1CK1m/4RgtvbRgh82Xn/AF4XqF7+R1I5xu/d12tpeW17bxzWU8c0ToGRo2BBU9D+lc8fFd1Fqi+HHhibxC0fmR9fIaHp55PYdvL+9u4Hy/vK1NG0KDRpLidJHlurvBuZmAHmNljuwOByx4HFMDVf734D+VJVK8uJUumVXIGBx+AqD7XP/wA9DUexb1uX7ZLSxqVPCcREngZrE+1z/wDPQ1egdp7FlkYkPuU/TFCpOOoOqpaGT4j3atdR2fh2QR6zEu5dQUbkslPd/wC/ntH/ABdTgDNJ4cWXSLx7XxLKJ9ZmXP8AaRXal4o5wg6R47x/iM84qSMngCxkulcnQUG+4XG6S2OMGQY5ccDK8n+7npSQzxfEGxjuVc/2Ax3Q8FZLojjcQeUUdgcMe+B1dibnaghgCDkHkEd6ztdurC30x49SiNyk/wC7S1Vdzzt2RV7n34A6kgDIcubaySKJiFjVUX6AYrPW2Qao2oMzvcFNis7Z8te4Uds9/Wnyi5jH0y1vtD1GK68XSfabdjtsZt29NNzwIpD/ABE5wJj1+6dvy7u2bmM49KypJWmieOU743UqyMAQwPUEdxTdIgFjHFaQySGFSdqyOW2jk4yew6D2o5WHMWtyhgpI3EEgZ5I/yadUeqaRDqccbbmt7qAlre6iA3wsfT1B4yp4PesP/hKbj+1v+EY+zw/8JL5fm4wfs/kZx9pz1xnjys793H3P3tFx2N7cpYqCNwAJGeQP8iq9yyrMdxAzgDJ74FTaXpEOmRyNua4upyGuLqUDfMw9fQDnCjgdqTUrK31CCS1u4lkifGQR0PYg9iOoPammJor0hZQwBIBboM9axLvxE/hSSCw1kteG7fytNmQDfO/aKTsrf7ZwpHUg/e1NO0uUXX9o6s0c9+wIUIMx26n+FM/q3U+w4p3JsbNl/wAe/wCJqxVbcVQbTj6UnmP/AHjWMpJM2jBtFqiqvmP/AHjUsLFidxzQpJsbg0rmR4juLOe0Sw8g319O2bW3ik2OrqceZvH+rVc8v26AMxCnG0m11TQdSin8daimru52WmppAIYrUnjymjBIUtniX+L7h2nYH05tEfRL241jQk82WZme8tXcD7QNxb5GOArDJxkhT0JGdwoWPiWz+ItnPb+GbgtpQJhvrySFkYkjmFEcA5IPLkbQCAu45KUQdgrK4ypDDJGQe44NQ3d5a2NvJNezxwxRoXdpGAAUdT+tRafptvo+mCzsVZIYy7KGbJG5ix5PXknrWXrOhw6zLBcSSyRXdrk20y4PltlWDYPB5UcHinYDBXTb6K4Goz203/CLBt66KUPmxc/68p129/I6gc43fu67m3ure8hSW1mjmjdQ6vGwYEHoeO1ciPF15LqjeHEjjXxCsfmSdTAsXTzwe4J48vO7PB+X561dE0S30Pzmtnkea5IaeRyP3jZJLYHAyWPA4osK5oyusZJdgozjJOK4rULS+1m/lvPCrmCyBxeYbYNTx1SM/wAJHTzO/TpkjtNW0ez1uxNnfoWhLBiFOCSPeufuNf8A+ESktdI1VPtUtyfJ0t4lCm4YdI37IQP4jhSPfg5chrzmjo95YT6fEmnKIEj/AHf2Zl2PEw6qy9iP/r89a0j91aztO8OLHqn9s6kyy6o4IYxDEaKRjYB3A9Tyf0qv4lvbi0u4VtpWjUpkhfrVRpOTsiZVVFXaNiiuO/te/wD+fp/0o/te/wD+fp/0rX6rLuZ/Wo9jsh9w/Uf1pKxNFvrm4iuDNMz7WTGe2d3+FaXnSf3qzlRadrlqsmr2LNMm/wCPeT/cP8qh86T+9T4ZHeTDHIweMe1J0n3KVZX2MgMCxUEZHUZ6UtWNS0lpp1vtNaO21CMYDlMpKv8Accdx79R2rFt/GsGs6lNoOjxrHrtvxeRzRkx2Y7tvwBJ7BSeo3becc/1Z9zs+uLsakLA3CgEEhhkZ6V0jyJGuZGVR6scVkaXpVvpkZWMebNI26aeQAvK3qT/IdBS6zpdtrlkbPUNzQ7w2FbHIz3/GtIw9luYVKnttlsc9f2d/rN9LfeFy0WmZ/wBMiDbP7W9RE38Hp5nAc8cL81dVpF7p9zp8Q03bFEgKCArsaIrwUKdVI6EVzM/iebwzPbaNqYN1d3R8vTGjwouSP4X7RlRySeCOmT8taOm6GbfU21i/l83VJVKyPGNqAHHygegCgZPJ71fOjLkZ0lFczquoXcOoOkU7qoC4A+gqn/at9/z8v+ddCptq5zuok7HZVDcdVrk/7Vvv+fl/zq/bXtzJYq7zMzeYwyfTC/40pUXYcayua9FZf2uf/noaPtc//PQ1l7F9zb2y7Gqvf6Vm6zeWFvp8iaionST92LZV3vMx6Kq9yf8A6/HWn21zM0hDOSNprK1DR3k1T+2NOlEepqoVWkGUdQPuEdgfUcj9KuMHFWIlNSdzM060vtGv4rvxSxnsycWRLbxpmeiSH+I9vN7dOBgntY3VyCjBhnGQc1x0HiWXxU1zpWm5t3tyYdTeQA+Q3eNOzkj+IfKAfXgb2j2EOjWqWdjuWEOWAY55J55qrE3OgooorMsKKKw9WlmeW4t0nliV127o22suV6g9jUTmoK7NKdN1HZGd4ghu9a1Mw+ErhbLVbYbLjVSm+OBevksvSVjnO3+AHcSDtV9Lw1NaR2r2Eds1lewHN1byvvcsf+Wm/wD5aK2Mh+/QhSCop2bHT7OO1sj5MMYwqL27k+5JySepJzTLpDd3VvcySOJ7Zt0cqNtYDuue6nuOhrL6xHsb/VJ9zo7jqtQKyuuUIYeoOaZaTSS2waRix3EZNY15DL4eabUtNG6y5ku7LIA9TJHngN3K9D7GndS1J5XHQ3SQASTgDqTTJSDbkg5BxgiuesbxfG9rHe28jDQH5jXBV7z3YHlU/wBk4J7gCumQBIdiKqqoAVQAAB6VUfiInrFlAMpYgEEr1GelLVfUdLlN1/aOktHBfqAGDj93cKP4Xx+jDke44rLs/ET+LJJ7HRt9n9lfydSmcDfBIOsUfZm/2xlQCMEnO3puctjegZWmTaQcPg4PfNMLAOFJG45IGeT/AJzViwsrfT7eK2s4liiQ8AD35JPcnqT3p2qaNBqcaMCbe6gJa3uogN8LH0zwQe6ng96XNYfKVqQMCxUEbgMkZ5FZn/CTznVv+EZ+ywDxL5fm4wfs/kZx9pz1xnjys793H3P3tbul6NBpkTnJuLqYhri6lA3zN79gB2UcDtRzBylxHVIELsFGAMk4rjNTs9W13UZbnwPqKaQoO26vnhEsd6w42InqMYMvboN3OOj1nTbfV7NrK9DNAWViqtjoQRz+Fc1e+LLfwFBBaeJbhhZviKwuYoi7PjpE6IOCB0bG0gckHrNijf8ADtzZR2RsooDY3UDYuLaV8uHP8W7+MN1D9/YggbVcrBpE2q6hb6xrfyXMJDWtvGwIt164Zh95j37Dt6noTI20fMaLBcxvEkkV+sVhpwE2rN+8tpI2x9k7eazDovt/F0x1Ih8ObtJuJLLxDKsmtSrve/YbUvVH8Sdkx3j/AIevIIJrNZnwdHPqOm5ewwZL2BiN4A6yIT3A6r3HTngxxmP4gWMV07sNBf57ZcbZLg4IEhzyg5OF4P8Aex0osFzrL05tgRyNwrODKSQCCVOCAelaVsoEYjPKooAB9qz9R0eQXf8AaWjeVDfgASRycRXSjor4BwfRwCR6EcU07aCauJUlqwaUFSCPmGQe4BBrHsteHjIz2mh77OG1kMGpTuoEsMo+9BH1BYd5RlACNhYklOhisbbTNL+z2ECQRQxnYqjp1Ofck8knkk5NPmvoCjZ3Ibu5t7O0kuLyVIoI1Jd3OAB71xK6dexXA1Ce1m/4RkNvXRihMsXP+vK9SvfyOoHON3yDeuYFvLq3nuWaQ2zF40J+QN2bb0JHY9s1a+1z/wDPQ1HsX3L9suxoQXEN1bpPbSpLDIoZJEbKsD3BrPvWC3b7iBkgDJ6nFVbSEWMs7WrNGJ33vGD8gbuQOxPfHWt260201TT/ACL2FZFdQc4wwPZgeoI9aqMfZu5Mpe0VjGpCwDAEgE9BnrUF3r//AAi09vpesx/bbi7by9NlRQDct/zzk7Iw67zhSPfg6+m6J5VwdQ1Qx3OoOMblX5IV/uRg9B79T3q/aEchGpC2qFiAACST25pwOelarwQyRNHJEjxsCrKyggg9QRXMaheQeA7SS8v5C3h5CNzFS8lkTwAAAWdCeMDLLkdVztnmHymizBRliAM4yTV2wGS+Djp/Ws2ysJNbmh1TV4lSBSJLSwyGEfcSSEZDP7AlV7ZPzHdwqdAFycemaTldDUbMdRRRUlBRRRQAUUUUAFFFFABRRRQBgeK4I5RpMs95a2kdvqUUrNcyiMMBn5VJ6sc8Cue1HwvPaaTqi39/YwRSMsNg88uxY4zJvKknoSSAAP7orS+IVlHqNlpFnOMxz6nFG34hhXNeJr6XXPDcMMxy+lxK92P+m4fyhx+Dt+VEf1/Rf18wf6fq7G3rnhLVNVOpx4tbgXRBt557h/3A2gbRGBt6gndnv7Vr22iXq317cTeSv2nT47cKrk4dQc9unNYXiPW9RiTVLnTJ7sjT2Vd6eWkEZChirbss557DHI5q7c3GpX+t36R6nPaw2+nR3CRwhfvkMcnIPHHSp0t/XZ/oP+vxQy18N63psLpaCzlNxp6WshklZfLdQRkYU7hz7VWh0W4skudNGq2UGo3NnBHFEtxtdig+bjrg9MirWja9fXkV7Jc3PKaZFOoAACuVbLD8RWNpN3NBLqWrz6jcee1jbksVDgswx93AyfTmqe7/AK7gtv68jXtfCN5/a088tvaWlvdWTWsixTvLICf4tzKN3X2xV9LDXD4ffSbhLCOBbR4DciZiX+UgHbtAX1PJrLtNb1Ww1a/hnF0Y49ON1HFevG0m4Z5+TgA+mTU9zZXl34IuL+bWrpzPp8kkkY27DlCcLxkDtSl8L/rv/wAEI/Ev67f8Ams9K1q3uLK/tksZXFgLSRPtDbRhsq6sF+Ycnjj607wx4av9HuYJb14G8vTltm8tifnEjsSMjphhTPDtzPb6lZ2DXckluNJSYLIQfmLEE9PTAqj4Z1HU9Z1GyW51KcRDTkuXVNo8x/NccnHTAxiqlu/n/wC3f8ElfD936f8AANDw9oU9vF4cmFxbTxWFpNFI8Mm5XL7MFTjkfKazZLR/C2tQ6jcXdlHNNPeYS6laKJ4pZBIP3u0qrjA4PXnHSn6ZqGqatD4Wik1KaH7baTy3LxhQ0hXZjnHHWk0rVNU1PVLfRrjUZYljkvQ9ygUSTCGUIq5xjOGyeO1GvNpvr+epT+HUoQ2X22wn1DWZ9Pt7WbXUud9zJthljVFHyFh82cEA8A4yOK7Cwfw9cx3EHh6XS2meMhhZtHnHvt7Vxtzeak+YJ7k6jJZ+IoYoDKQmV2ggEge/JxXTXun6nqGqWmpXkFvYjT0kdTFMZXkJUjGdowO/fpU6cvl/9qhfa/ruxB4cvYdF0QQNA19pWCEZyI5PlII3YyOD1xUF34X1HUZbrUJ3t4L6SWKSGFWLxqI+gLYBOc9cVVtL3U20XQlk1K4abV3AmuCF/dAKThRjAJxjnNJqGtalpl1e6XHetKFngjS6lALxCQkEEgYJGOKp35vO/wCOgdP62NPWNH1XxBYBL6G0t3glSWGOOd2DkdQzgKQD7CmW/h2cLdySaTpqSSxCJUkuJbjzB1IZmAwPoKbr8mo6Bpyizvry8a6uI4QXCF4gepUnaMn3qJW8UBL6Czhu1Qwq0EuoSQ7w+fmUFGPUdCRwaXoHb+uo+18OahH9tzbWkdtNCsY06W5kniYg8nLAbeOOAemahbwpezWt+sjxafBJHG0MAunnRJI23ByWAwOAMChLvVWjvbGyn1CLUxAki22o+UcjPJSRMjnkDPQ1n6xezf2RfWNzNqSSf6O0tvfiNv3bSgMyvHkFTyCKPQP6/r+tTVtLNPFV7LeXl7ZNHFaPZhNNvPNI34LsXAG08AAfrUWkaNZHxnDd6Vrq3dvZWRt2hS8WR0O8YUqBwuAfxFT6itrH40tllMcVrJpEwuyW2KIwy7Sx7Yy3OfWm3UH2Dxf4elUQmw2yWlklsMFN0e7Lddy4Tt04NNbp+v6/18xPZr+uh19FIwJHBx+FJtf+/wDpSGI/+sj+p/lT6iZW3p8/c9van7X/AL/6UAOpkv8Aqz+H86Xa/wDf/SmSq3lnL+nagCWim7X/AL/6UbX/AL/6UAOpkX+pT6Cl2v8A3/0pkSt5S4ft6UAS0U3a/wDf/Sja/wDf/SgBB/rn/wB0f1p9RBW85vn7Dt9aftf+/wDpQA6mN/rE/H+VLtf+/wDpTGVvMT5/XtQBLRTdr/3/ANKNr/3/ANKAEl/1f4j+dPqKRW2ff7jt70/a/wDf/SgB1FN2v/f/AEo2v/f/AEoASH/Up/uj+VPqKJW8lMP/AAjtT9r/AN/9KAHUyPq/+9S7X/v/AKUxFbL/AD/xelAEtFN2v/f/AEo2v/f/AEoARv8AWp9DT6iZW81Pn9e1P2v/AH/0oAdTJfuf8CH8xS7X/v8A6UyRW2ff/iHb3oAlopu1/wC/+lG1/wC/+lADj0NNi/1Kf7opCr4Pz/pTY1bykw/8I7UAS0U3a/8Af/Sja/8Af/SgBI/4v940+oo1b5vn/iPan7X/AL/6UAOpg/15/wB0fzNLtf8Av/pTArecfn/hHb60AS0U3a/9/wDSja/9/wDSgBJfuj/eH86fUUittHz/AMQ7e9P2v/f/AEoAdSN90/Sm7X/v/pSMG2H58jHpQA6P/Vr9BTZ7iO2j8yZtq5xnBNCBvLX58DA7VR1oEaactn5x2qJycYto0pxU5qL6kv8AbFj/AM9//HG/wpqatZLnM/Uk/cb/AArmqK4frU+yPU+o0+7/AK+R1MeqWcsgSObLHoNp/wAKqapfXbCK20rajzZ8y7kGVt1GOQvVmOeB04JJ4Ctlaf8A8fyfRv8A0E1o1rCvKSuzmqYaEJWTYz+xdI/sr7EWkLeZ5/2rcfP87GPN34zvxxn0+XG3ip9LvrtfNttVCu0OPLvIxhbhTnkr1Vxjkfd5BB5KrHQOoq/ayM/YRLryRiRsuAc+hpPMj/56D8j/AIVXl/1z/wC8aZXbY4LlvzI/+eg/I/4VO8jpYvJbx+fIqFkjDbd5A4GT0z0yaza1Lb/j2T6UpIcWc54eeTX7g6hrsX2bUbVsf2U7BvsLepI4diOjjjHTvUd7NceHdagtfDlqdR+1yBptMSQILZCcNOGPCL1+Q/eOdvINP8RrNqOoJbeGpFi12BMm8I3R2qHnEo/jz2Tr346mz4YeC2WexuUaHV1IkvPNbLTk8CVW/iQ9Bjp93AIxUFm+zBRluBXJfbJde8Q3Gla/bnTrSF2a3tGcONTjBx5hYcbOmYuo4LcMueqn/wBX+Nc54kktJLWKzkie5vpn3WcMLbZFdf8AloG/gC55Y8YOMEsFaHJp2NIxTVw8RSR6Mw1fSSBqUpES2Kj/AJCTY+WPHZsDiToiglvkU429PuprzS7eW8tTZXU0KtLamQOYXK5Kbhw2DxkcHFcnoMd3pmqqni2ZLnV7lTHbX6LthlUfMYo1/gcAZK9XC7gSFITroTmRcUuZ3HyKxQvL86fqUMN7F5VrcYSK83ZQSknEb/3M8bT0J+XhiobQePy0LuyqqjJYnAAqPWLmwtdKnbVtjWrL5bxMm/zd3yhAgyWLE4CgEknAFcauma9bss+vl7rw0h3LpKr5tzboOhlcE+eB3QZOOMyY+bW5jY6jSr19WSS4hgKWWQLedzg3A7uFxkJ6E/e6gYwTHqZuLW3kuLa3+1lWy0UbYcrnnbkYJx24z61rwTw3UEc9tKk0Uih0kjYMrKeQQR1B9arucMc8c00xNFGzkh1CzjurOeOWGQZVhkfgQRkEdCDyDwarQXv2zVZLSyUTRQZFxchiER+yDj5m9cdO/PFYF/b3+p6hPc+EmMNkWIviG2i+I4IhP8LdjJ0PT3HTaLcWE2lxLpaCKGLMZgK7WhYdVZeoYd8/XvmquKyLd00sFjI9vF9omjiLRwhtvmMBwuTwMnjJrA8PFtcm/tLWVEOo2zbDprnP2BsdPRmIP+sHBB+Xg10rcY+lcr4hW41HURB4YlSHW7dQHvWXdFboeQko/jJ6hOozuyAfmwc3exuoK1wuJZ/D+uW9j4eg/tCO6kVrjT0cILGMtgzhjwq9f3fViDs6NjY1i1NxHBtlRdpb72eenoKpeGnt4IprKSNoNTjYSXqzNueVm4Eob+NGxgEcDG3AKlRp6h/q4vq39KunNuRFSCUTF/s1v+fiH/x7/Cj+zW/5+If/AB7/AAq31orr5mcnKhNOsGjvA3nRN8rDA3eh9qfc3n2HU4re9RYre4wsN1uyhk/55tx8pP8ACehPGQcAz2HN0uP7p/lTtZubC30ub+1QslvIPLMJXeZS3ARVHLEngAc1xV1eSuduHbjF2Fu2hsLSS5vLiKGGMbndyQAPypmmNcXlulxPbm03NlI5D8+zsWGPlJ/u9u/PA5izt77S72G78VlpNMRh9iV33/2ee3nn+I+j9F7/AN6u4UgkYOeaw5UdHPIy/FGt3+lW8B06yM0Mjlbq8yCLFMf6wx/ecey9Op4BqxZaVpX9kPAdt7FdgPPPIdxuCf4iw/DGOnGKtTSxwRySzuscaAs7ucBQOpJPQVwj6frl3I9z4ckNr4fkJZ9PYbJroHqYWJHkhuwPX/ZzxrzMx5EdBomrXi69LpMKPqWlW6MP7VLgeVICP3DA8yMOfmXgYwec1t3sxRJWg2PMEJRHYqGOOASAcD3wfpVLRriwuNLi/spVjt4x5YiCbDERwUZeqsDwQeamuf8AXfgP5VLqNIqNKMnZkOmaxa6nAzIWhmibZPbSriSB/wC6wH5gjIIIIJBBqO61qGLUodOs1+1Xb7XlVSQtvFnBkdscZwQq9WIOOFdl5zXkudR1MxeFpUt9Zt1CTXzLuhgQ/MI5F/5aMc5C9VzuJAYB73ht7aK3msvKeDUImD3sczbpHduku7jerbflYcfLtwpQqq9tIr2ETqkXzY8xsCATXLW/2rxBrtxYeIbb+zo7WRmt9PeQOL6MNgTlhwy9P3fVSRv+8uepsP8Aj3P+9/QVl+J3tp4oLGONp9UkYyWSwtteJl4Mpb+BFzgk8HO3DFgp2jJtXOeUUpWKHiGKXQ5hqWjJ52o3LBBpqHH29sdPRWAH+sPAA+bgV0dh572kMt1B9nmkjVpId4YxsRkrkcHB4yK5/wAOpcabqRh8UyLPrlwhEd+q7YrhByUiH8BGMlOpxuyQDt6rrVXJOY1nUL+bxAmj3ML6bpU6qF1NZQftLnrAuOYz7nr0XmrOr6Zp+n6al5bzR6U9gmIZ0XgL/cKj74J/h6knjmr2uXGnwaTIuqoJoJsRiALuaZj0RV6liemPrxjNcvYW9/pWoQXXi9jLYqwFgzNuFgTwBMf4m7CToOnuUM6Xw/f6jqWjpc6zpTaVcszA27SrIdoPDZHTI5weR0NZnijUNT0qK3NjZ7raVmF3qBYFbBOMSNH95xyenC43N8oNdNTJ54ra3knuZUhhiUvJJIwVUUckkngAetAGEnhiwfR/I3eYJG883gk/etJjiXf/AHvfpjjpxVfwvqGpam10lzbiWxg2i01ZWAXUBzllj6gDA+b7r53L8pFZDafeyObqG1nPhFjvbSRGfOkHXzFTr5XfyOpHb/lme6tbm3vLOK5spY5reVA8UkTBlZSOCCOop3FYytWtL1Ipbmyt1upFCkQCQIzgYyATxuxnAJAJwCRnIg0+FdUsY7uxnjkhfOCQyspBwVZSAVYEEFSAQQQQCK6GuK1SDUNW1W4uPBUotgreXqNwTiO8K/KY4zyBIuNplwQpG07ipCVzsXKi6hluNYawso1nEH/H1OHwkJIyqZx8zng7R0BySMqG2Y7aa3s2Cqski5ZUDY3HHAyaj8PzafJpKQ6XC1sluxiktpBiSCTqyuMn5ud2cnduDAsGBOnScmwUUjj9AWfxBcm81+D7JqFow/4lDuG+xnsxI4kJ6hx8vUDkGl8QJNoNwL/Q4vtOoXTbf7LRtv25vUE8IwHVzxjr2qfxIJNQvo7Xw8ypr0Kblu8ZS0Rv+ev94NjhOpxnjGQnhxZtO1BrfxK6y67OnF6F2x3KDnEQ/gx1Kde/PUK47G0sc0tijTxiCV1VnjLbthxyuR1x0zUf2Zv76/r/AIVfm/1f41XqkxNEH2Zv76/r/hUlvAUuFYspx6Zp9Oi/1opisZPinWNR0pbUWdptspiwvNVZgyacoxh2j6sDk8/dTG5/lBqx/wAI7pv9jfZfmxv+0fbN/wC+83H+u8z+/jjPTHy/d4rUuLmCztpLi7mjggiQySSyuFVFAyWJPAAHeuE/s6+3fajaT/8ACH53/wBjeUfPx18zZjd5Xf7Njdjt/wAsazLN/wALaxqOqrdC8tN1lCVFnqqsFTUVOcusfVQMDn7r53J8pFXNVuZreGRrOD7TcZCpGW2jJ4yxPRR1OMnA4BPFaFvcwXltHcWk0c8EqCSOWJwyupGQwI4II71Quv8Aj6f/AD2qo7kyM600a2Ec76rKl/dXSbJ5JEO3b/cVf4V9u/U5o09LvTLtbIubvT2B8qdm/eQY/gfPLDsCMnsfWrdFXYm5eKu9uWt9rsAdoYlQT6Zxx+VU9Lvl1KORSht7qBtlxayH54m/qD1DDgir9l/x7/ia57xGs2o6itt4adYtdt15vSu6O1Q87ZR/HnqE69+BycZRVzaMmkaF9fm3vobC1i+1XsuGMStgRR55kc/wjsO7HgdCRqIvlZLkYNYvhhobdZ7G4jaHV1IkvPNbc05PAlVv4kOMDHT7uARituf/AFf41PKlqPmb0ZyovJte8QXGleILY6daQuxt7RnDjU4wceaWHGzpmLqMgtwwzf8AESWdrB/bCXY0+8tlCJOIy/mjPELIvMgJOAo+bcfl5PNfxJJaSWkVm8T3N9M+6zhgfbIrr/y0DfwBc8seMHbhiwVsfTINU0rVIJ/Hd3DqEjN5dlfQReXBbu3y7GTJ2u2cCQ8HOz5SQHXMyuRHV6JqN7qWhw3GsaY2kXsgbzLJp1mMWGIHzp8pyADx0zisjxPquoaa9rHawCKxn3C71ZmBWwHGGaPqQcn5vupjc3yg10CHJ49DUF1c29nay3F7NHDBEheSSVgFVR1JJ7Uc7D2aM5/D2mJo4g8zywjeeLzf+9EmOZS/97HU9McdOKi8L6rqGqx3H260C20TKLTUAwC3685kWP7yDgdeGzleCK55bC9jYXU9tMPCaneulGM+dGOokZMZ8vv5GMgdv+WddzBPFcwxzW0qTRSKHSSNgysp5BBHUH1p+0YvZoh8Q6pfaZpElxo+mNqlyrAfZ1kCEKTy3PXA52jk9BzVXSLLTL/TZLu4nTVXv0xNO6cEf3Ap+4Af4eoI55rUcgMc8c1xN/b3+qX8114ScxWRYi+KttF+RwRCf4W7GToenbIXMx8iNjR9VvIfED6PbxPqWlQKwbU2kA+zuOkLZ5kP+0vTo3NWPENk17cwvHLGoCY+fPr7CptFuLCbS4l0tBDDFmPyCu1omHVWXqGB65+vfNO1D70f+6f51pSm+cyqwXKYH9jS/wDPxB/49/8AE0f2NL/z8Qf+Pf8AxNadFdnOzl5EO0bT3t47gNLG24p93PGN3qPeltb3zdUm067QWt2mXiRmytxFnAkRsc4yAy9UJGRhkZren/cl+q/1rP8AEz20tvDY+U9xqMzGSxihfbIjr1lDc7FXd8znj5tuGLhG5KlRqR1U6cXEsaneR6XAjSZmnmby7e2iGZJ3/uqD+ZJwFAJJABIu2cUojje4EaSlMuiMWCtjkA4GRnvgfSuc8Ppc6bqgh8VzR3GtXKlIb9E2QzoPmMca/wDLNhjJTOWxuBIUhOrXqfoaz9pIv2UTmtav75tdi0mZG07S7hVH9qiQHzZCT+4AHMbHj5m4OcDnFaN7ounf2SkAZLKO0G+GdDtNuR/EGP45z15zUms3Nhb6XN/aoWS3kHlmErvMpbgIqjliTwAOa5KPT9ctJEufEkn2rw/GQyWCrvmtQPumZhnzgvcDp1+bHJ7Rj9mjovC+qajqsMzahZeTDG4W2vN2BfJ/z0Ef3kHs3XqOCKn8R3+oaZpbXGkaadTn3gNErhSiHq+Dy23rtX5j0HNaEE0c8aSwSLJG4DK6MCGB6EEdRT2IBOTjmpcm9ylFLYxNL0nTr7S5LiaePVDfoDNcsOJB1AA/hAPQDofeq2i398uuy6TFG2oaVbqw/tUyAeXICP3BB5kYZPzrwMYPzA1l3lvfapezXfhQtHpbsftqo2z+0D38hv4D6v0bt/erqdHuLCfS4f7KVY7dB5axbNhiK8FCp5Ug8EHnNSUQ6jpM11etLG8YUhcbic9PpVX+wrn/AJ6Q/mf8K6Buo+gpK7IzaSOKVOLbMD+wrn/npD+Z/wAKv2ukzrZiPdGSHY8E9wPb2rQqeD/Vn603N2BQijm7Myz6jNp10i2t5Hl0jd8iaLOBIjY+YdAw6qSMjBUs/VN2mRR7gJ7mdtlvbRHMkzegHYDqScADJJAqx4ne3nigsY42m1WRjJZLE214mHBlLfwIM4JPBztwSwU0/Dq3GnakYPFEqT65cKQl8q7YrlBzsiH8BHUpnJxuyQPljnZXIjTtrG4ijElz5aN5fzqrlgpxyAcDI98Vl6hbXuo3Rs45PsliFBluFb55s/wJjlfdjg+nrXT3H/Hu/wBKys002xNWM268P25hgOmSx2NzartgkjU4A/uMMfMp7j8etXdMe4mhRr6JbadW2sgfcrYP3lI7HqM4PqKlp0ZzIuP7wpiJdU1ldJWOeaFnsskXE6n/AI9x2dlxynXJH3epGMkXluInQMjhlYZBHIIqncTxWsEk9zKkMMSl5JJGCqijkkk8AD1rhm0zXbgtNoRa18OOdzaUy+XcTqepiYkeSD2Q4OOMpn5ebmZ1ciO1tNbjv9SmhsojLaW+UlvM4Qygj92nHz453MOAfl5YMFbeWbzXbyI6ANjGc+g9qZpFxY3OlQPpQVbVV8tI1TZ5W35ShUgFSpBBUgEEEEVef734D+VRL3lZmlO8HdGb/Z0v9+P8z/hR/Z0v9+P8z/hWjRWXs4m3tpkdtAYbcK7LncTxmuZsZZ/EOsTW3iK3/s42rlodMdw/2hAcLMWHDr0+UfdON3JFdWfuj6muf8SvDcLDZWymXVmJktPKbDQEcGRm/hQdDnrnbyTWqstDFtt3ZB4gZ9BuPt+hp9p1C6bH9lI237a3qCeEYDq54x17V0lszyWiPMnkyMil4y27YccjI4OOmRXNeHRLp9+9v4jkWXXJ1z9sC7Y7lB2iH8OO6de/PWuoH3D+FVH4kRL4Wczqt7eXPiIaNeI2m6XKB5d+JATetjJhUjmMj35YZ29DVnWdPsdO09L62nj0yWxjCQypGSCvaIoBlwScBRzk/LyebWuXGnxaW8eqR+fHMRGtuo3PM55CoOu7jIPGMZyAMjndNgv9L1KC48XyefAWCWEudyWRbgJKe7nOBL0OdvBI3dBznS+H7y/1HSYbnWNMOlXbMd1o0yylQGwDuXjkYOO2cGrGqXF83lW2lKqNNnzLyTBW3UY5C9Wc54GNvBJPAVrCHLjHrTc80rAUv+Ef0v8Asr7EPMDeZ5/2rcfP87GPN39d+OM+ny428VY0u4vlEttqqq7w42XceAtwpzzt6qwxyOnIIPJCzUmaLDuUfEV9f6fpct1o+mNqt0pXbarMsZIJGWy3HA5x1OMCqugWlpc2p1M3SahcXa4kuChXA7xhDygB4KnnI+bmtpzhufQVxOo2+rarqU9x4FvIbBd2y7up4/MhunXghFz94YwZOnGOSDjLndzXkVrl2Oe40XxFBpGiQnUrORgbiISBf7MQ/wAW49VPaP73ccA11gjLoNpBxWF4clslsntLeJra6gf/AEqCZsyiQ/xsf4w2OG6EDtjA6GD/AFf404zbYpQSVzkNM+1eItVki8R2v9nS2b74tJeQPvXPyzFhw4PYDhTweadr4uPD90LzQIPtl/eMf+JQjhfthHVwTxGR3c/L0B5IrQ8TNHdGCysAZNa5ktHjODbdjI57J2IP3ug9RD4bEmn3slr4hdX16ZNz3eMJdov/ADy/uqueU6rnJzkE3czsb9vvSFXnXy2ZQWTOdp9Miuc1LUrq+8SHRL+OTS9LkA8m8WTnUTty0SkcxY5yD8zgErwrGunn/wBX+NYmvT6fHpbQ6nEblLhhFHbRjMk0nVVQZB3cbs5G3aWJAUkPcBmuW+n6bYpqVpOmmT2MaxQvHCWV16LAY15kBJwqL82T8vJ5u6PfX+reH45tW0xtIv5lcSWTzrMYuSB86fKcgA8dM4rldLgv9L1S3n8ZSi53N5enXAOY7Qt8oik6ZkbO0S4AYnaApYB+1hOZRj3osBR/sqf+9H+Z/wAKP7Kn/vR/mf8ACtiinzsnkRj/ANlT/wB6P8z/AIVavrm5tbECxtxc3PCKpcKqn+8xP8I9sn0FXqqynEhz60ruW47JbGfa6LaCC4OqMt/c3a7biWROCP7ij+FR2H49aXThe6ddCylZryx2kw3LMPMix/A+eW9mGT6+tXaTNFh3Jbu5aGymltoTczJGzRwhgvmMBwuTwMnjJrnvDs41yb+1NaHlalbsUOmsc/2e2OR/tMQf9YOGB+Xg87zcKPpXK+IFuNR1LyfC8qQa3bqBJfMm6K3Q87JR/GTnITqM7uARuLBcmuLyXw9rtvYeHLY6jFdSK1xpyOEFhGWwZwx4VOv7vqxB2fdbHXK6v905rl/DT28EM1lJG0GpxsJLxJn3PIzcCXd/GrYwGHA27cAqVHRQZ5wcdKVguT0UUUhhRRRQAUUUUAFFFFABRRRQByfxBurm003TJbCGGa5Gox+UJgSA2GIxgjmsjxdeWFl4dSfRrKBn1p0u7jeCQ6AAljyPVR9TXSeK7dZv7Ikkube3S31KKVmuJQgYDPAz1PPSuc1DwxdW+k6ol7dWcMRZYNPaabYqRGXeQSehyQAP9kUR/X/L9Qe/y/z/ACNHWf8AhHFur2W+0q5uo02i+liJ8lCQMF13jJAwchSRxVifU9G0zULi2t9Nu7mZbNDM0C7gIOcZLMOnPv8AWs/X/C2rav8A2nE6R3QuCDayTXbiOAbRx5X3c5BIbrz7VrW2jXq319cTLGv2jT47dVD5w6g57dOetLp/XYf9fiislv4W1NWEdmzx2tkr5VnUNCQSFOGG7p0asezvtPudUvU/s97bRUs4i++MEyLj5QTvJHbGBmr1p4e1vTIXS2itpzcaels5aUr5bqCM9ORzUFvo95YR3NgmpWltqNzZwRwxrchZGKD5sDqAfUU+r/ruHT+vI0tKXQIdUkY6dc2F5DbmQveOWZ4T1O7e2QMdD09KoSy6NBplzf2Ph2/kj+zSvbvIpaFht5wpciMEey8dKfa+Er06xczyWsVtBd2LW0jG6aeXcf4izct19eK0Es9bbw8+kT21pHGLR4DcecTu+UgELjj3pS+F/wBd/wDgBHdf12Kuj2ui6nBYWlzps8FzHZiZVaVhiNmwV3BySpI+6SRin6Nqegx3lnDommXPmy2a7NijEcG9hzlsYDZ9Tz3os9N1m2ubK/t7e1lYWAtJE+0cKQ2VcNjkHJ4pfC3hvUNIuoJb4w/Jpy2zeW2fnEjse3TDCnLd/P8AX/gfeSvh+79Bmn6no1pZeHzaWN1czzW8osFhiwwX5d4ILYHGOp7dfWjqNxp1/b2P9i2hkmmubiT7GUZZllBPmtvDrswcg/Ng5xzxWh4d0O4gi8NzCW3misbOaKR4ZNysX2YKkdR8prOe2fwrrcWo3VzZxyTXF6BHcT+UjxyyiQYkI2hhgcHrz6UP4tfP8/6/MrpoZ1k1omkxRaZGYrltejSfz4CPJl2gfKN2TjA5JOTk85rqbrUL/StasrG/uo9QgvVkDosOx4wq53cHkdj9RXMx2S6lp9xfay+nxWc+upcMbmQCGWJUUHaW4YcEehxxxXX6ZH4akiuovDH9kCV4yH+weUDjtu2ds0O/L/XZC6/13ZRXUtEvPC9uh0u7+wyFEs4doDynt5eG3AjHUkY9aVLvw5b6NfW9xZSwhZFW5tbhS8zu33ecksT2IY/WnDw9fQaLofkiJ73SsHy2fCSfKVI3Y44PWq954Z1LUZrrUpfIgvHlhkhg3blAj5wzY6nPpTdrv+uwEg/sKz0y7+3aPfW6yFEZLtWkkmJ+6qPubJz2Dce1Mjk8N2trfpeabc28oRPOivCZJnUnCbW3NxngYbg+lWNZ0rVfENgFuraG1e3mSaFEuWy5HUF1AK/UVHD4dkdbyWfSLdnlhEQS7v5bnzFzkgliQB6Y70vUBgGhWljdm/0XULdWVAxuw0rSZOFVX3tg7sYG4EHnjrUdzcafpWjX7pod5FPKqRY1DMglDttUb9zDAJ+7nPtUlv4f1AR3sclrG1jNAsa6bd3j3CMQeSGbleOgHcZqJvC+oXNpfRO7WduyRtBbzXj3KpLG27dublQcAYFD8wQadaS6Dq0mliK3vJ76xeWGSUsMlMDymLFjs+YdPU8VDp1lP4a8TaNa3DW91JfpIhjQPm1CpuLR7mICdFPA6irdo15rV9JrNm+nTXFlaPbW8MN2JUMjYJLMo4+6OOtS+HLS9s9Sd9StIZtSmRTd3Zu1d1XnaFTb8qZBwPYnk01vr/W/6C6f15HUsyqMsQB7mm+dH/z0X/voU+ikMiaWPenzr1Pf2p3nR/8APRf++hQ/+sj+p/lT6AGedH/z0X/voU2WWMxnDqfxqWmS/wCrP4fzoAPOj/56L/30KPOj/wCei/8AfQp9FADPOj/56L/30KbFLGIlBdQcetS0yL/Up9BQAedH/wA9F/76FHnR/wDPRf8AvoU+igCISx+cx3rjA7/WnedH/wA9F/76FA/1z/7o/rT6AGedH/z0X/voU1pY/MT51796lpjf6xPx/lQAedH/AM9F/wC+hR50f/PRf++hT6KAIpJYynDqeR396d50f/PRf++hRL/q/wAR/On0AM86P/nov/fQo86P/nov/fQp9FAEUUsYhQF1B2jvTvOj/wCei/8AfQoh/wBSn+6P5U+gBnnR/wDPRf8AvoU1JYwXy6/e9alpkfV/96gA86P/AJ6L/wB9Cjzo/wDnov8A30KfRQBE0sfmod69+9O86P8A56L/AN9Chv8AWp9DT6AGedH/AM9F/wC+hTZJYynDqfmHf3qWmS/c/wCBD+YoAPOj/wCei/8AfQo86P8A56L/AN9Cn0UAMMseD+8X/voU2OWMRKC652jvUp6Gmxf6lP8AdFACedH/AM9F/wC+hR50f/PRf++hT6KAIkljG7Lr9496d50f/PRf++hRH/F/vGn0AM86P/nov/fQpolj84neuNo7/WpaYP8AXn/dH8zQAedH/wA9F/76FHnR/wDPRf8AvoU+oJLy3ikKSSbWHUYNJtLcaTew6SWMqMOv3h396d50f/PRf++hVd7+1ZRiUdQeh9ad/aNr/wA9R+Rpc8e5Xs59mTnZLGVO10YYI6g+1c3eXC+B7OW7ncnw9CpeUHlrFfVe7R/7PUdsjit83sHlGRWLDnAA5OO1YtrE2qXUeoa5hBEwe1seqwns79mf07L2yeaOaPcXJLsFrC/ihYb69GzSSFltbTP+vHVZJPboQn5+laWsuY9PLLjO4dQD/Oszy30S6MujjzrGV8zWI48sk8vFngcnJXp1Ix3v6vNFLp5AlVcMMlgf8KipJcjszWjF+0jdGJ9ql/2P+/a/4Ufapf8AY/79r/hUeIv+fmL/AMe/woxF/wA/MX/j3+FeXeXf8T2+WPb8C3ZXMjXSg7Put0RR/Cfap/tMv94f98iq1gkbXiBJ42YhgAM/3T7U3VJm0lY57tALIkie5DfLb+jOOydct/D1PGSPSwjXI+bueRjk/aLl7Fv7TL/eH/fIoFzLkfMP++RUn2CQ9GT86oaVM2reZPaoDZAgQXJb5bj1ZB3TphujdRxgnsvT8jgtU8zXlkYTOOPvH+EU3zW/2f8AvkVLJAxlY5Xlj3pn2dv7y/nRoLUb5rf7P/fIq8IlutOaGX7ssZRsAdDx0PFU/s7f3l/OrTTG2sGZEM0kcZZY1OC5A4AJ9elTK1i4p3Ocke3+HWmy3M7/APFPR/vJ5SuZLU9CxwMup49SPcdJv7LPiyS21LVF8i0iIlsYFCl8ZBDucHrgfL09ckDEegXP/CRzDUdbjNvdWj/LpTnP2J8cM+OGcjow4x07mmXl4/hnVre00GBtQiu3BfTI2Cm1QthplJ4VBz8p6nO3uKzui7M64gHqM1zj6C+i6jcatokX2iS4Ytd2rBQZRuLfu24CsNx4PBzzgkseiV1b7pzXKm4n8Ra9daNrVs+nWcLNstZGBOqRA435HHl8gFOvI3fKwDMNUMtb60+IunJJpbBvDzvlrnbte6dG+6gPKBWXl+Gyvy4wGPS6fYw6bp9tZ24/d20SxJ8oHCjA4AAHTsAKxPEIGgsdY0rAvZmWI2CjjUX24VAO0m1eH7KvzfKuV3NPuJ7vTLa4u7R7KeWJXktnYM0LEZKEjgkHjI44oEZeq+HRdasmtWMixapAirCZFDRkDfwwxnkSMM5yuTjGWDZ0Pjq31PV5/DmlRj/hJLZQbuzlzstF4/eM+MOvzKQF5O4ZC84s67qt+muW+kLFJp1jdIoOsblK+YzECBR/DIcDDMNvIAyxAN+fw9p39kw2kKG0W1Yy288TYkhk5JkDHJLHc24nO7c27OTkAboXh220L7Q8DtJNdENO7KoDNliSABwMseOn4kkt1rSrfW7FrO93eUXDHZgHIPHOOPqOai8L61faxFc/bLIrBCyrb6gpAjv1Of3iL95RwOvBzkZGDUniG7v9L0qS60zS5NUnDAC3icKcE8tz1AHOBye1NCZiy+IT4VNppOqoJpLhhBpbQoq/aWA4jIHCMAOvC4HrxV3T9BZdX/tvUnRtSdSpESKI0UjAUcZJH97qfpxS6ZolnqmnPe3skWqSX8e2SYj5Qmc+WgPKAEdOuRk8jiDSbzUIvEEmixxyalYwKd2pbx+4YdIXz99vcdP4uaegjX1FftMEttIf3c0RRvlB4IweCCPzrlpb2P4fadJPdS48PxnfJMUy9qSerYGXUk9eWBPccjqNTaSCGaWKPz5Y4iyQq2DIQOFBPAz0rm9Bzr8g1PV8RXds+F01zn7C+P4uzOQfvdMH5eCSTmgPln2H/YJvElzbanqy+RHAwksrdVUsvzK25zg5J2j5RwODyQCOpjbzIgZArfMeqj2rj55ZfDmr2un6JEdQguXUvYRtg2MZbBlBPAjHPydeCF4BA7GFR5P3gfmP9KmTTXu7jipJ+9sYtzp82kXMt/o0CzQysZLrT8KA5PWSInhXPUjhWPJwSWNKx1GDx5Yx3Wjy7fD0uR9qjUpJeYJDKvAZEBBBPDEg4wMMb9xp9zrtzJFqaeRpMblPspOWvMHGZMf8sz/c/iH3uCVL73S57W8k1PRCguZMG5tmbbHd4AAJ/uyAAAP3AAOQF25+8a+4acMMNrbrHbQxQxxR7Y0jjChABgAAdB7Vz+o6O8urLrNhKqalEgVPMRTGyjPynjPIYjd1HbgkHoYWM9qshRomkj3GOTG5CR0OMjI9ia5jWLu/OvRaOUbT7G4VcarvBDuSR5Kf3XOOGPHOBk4Faw21Mp7+6QxeKJvEU11pGlqILu1Ii1IzIGFoSM7QOjkjkdsdeeK2dD02HQ7MWdiW8rzN3zgE5OO4Ht/kYqlqGgWWnaal1azQ6W9hGfLuc8KpOWV/74Y8nPJPPXmrXhy6v9V01brUtNfTZfMKiKRwS6jo4x0B64PI71ehnqT6jZx6jJELss8UMm/yeNjkdNw74646Zq158n979BVbVppNLRbmaBntdx86VDnyV/vFepX1I6dauJavLGskbI6MAysrZBB6EGj3Q94oraImqtqERaOaRNkoTAWXHQsMckdAeuOOwxU1i8ufPlhinaINGAGRV3LleoyDzVu3uGvNUmtbOPzorfKz3Ab5Ek/55j+8RznHTp1yAzVNGvppJJrVI5GEY2Iz7dxC9M44571UeS+opc9tDHsZX02zS1syI4kzgbQSSTkkk8kkkkk8knJpl2XvLm2uZJClxavuiljADAHG5enKsAMqeOAeoBFjTLKbVbd3h2xyRP5c8EpxJC4GSrDscEHPQgggkEGm3Vncw6pBptuiXN5IBI8aPxBFnHmOcfKDghR1Yg44Viun7vyMv3nmdBpF1NNYF5Hy3mEZwB2FZP8AZkvhq5udT0hfPinZpL23YKHYbmbdGcAAjc3yng5J4Yknb03T5rSzMUu3dvLcHtgf4Vz8BuPEutXWna5bNp8Fq7FNPkcE38YbAlJHDR9Pk68gPwQDxzvzO2x207cqvuNivIfiJpsU9pLu8PSHfHOFxJdFT1XIyigjrwxI4wOTvvu0/R44bZyqwIkaHaBwMDoBj8hWPr8cnh6U6ppEfm3d04VtNQ4+3vj+HssgA+/0wPm4AI2JI57rR43nh+zSyIjPE7AmMnBKkjgkdOKUL8yuE7crsYhMjaqNQkmkknVNke/BWIHrtGOCe561Zkv7maJo5ZN8bqVZWUEMD1BGORTv7Pk/56R/mf8ACj+z5P8AnpH+Z/wrs904/eIdJkmsI4bSG4laFXwiyNu2qT90E84HbNa9/YRajNbm7LyR27+YsJPyMw+6WHfGMjtnnqBijDYSLcRkvHwwPU+v0q5qt8dJWO4uIWNnkie4U5EA7Mw67fU9up4yRz1unKdFHrzF3zX/AL1VLSxisbq6mtS0Yum8ySIH5N/O5wOxbPOOpGepJNxYi6hkKspGQQcgiqGl341cyy2cZayUgQ3RPy3B5yUHdemG6NyRkYJw946LxMPxLeXc1xc2K3c0MDqgbyW2tgqCQG6jPIyOeeCDzVaDV722t44LaYQwxKEjjjjVVRQMAAAYAA7Vp6vpE9xqksqPEFYLwzHPCgelUv7Buv8AnpD/AN9H/CvShycquebLn5nYotd3R1VNRW5kjuQnluyYHmp2VhjnBOR3HOOpz1WlXM9/pD/aZC5dmQkgdMD2x3rD/sG6/wCekP8A30f8K3dLs57PSXXassiszBUb73AwMms63Lye6aUebn94xCyfD7TpbgvnQIx5lw5UeZbcAF+B868DjqO3AAoSeL4h6dFcQyf8U/J+8hlC4kuiOAwyMoo59CfYdZNCE3iWf7brcBtbmzcEaRIwJtH/AIXfHDseqsPlHbkHDteSXw5MdR0aI3F1dvhtKjbH218csvZXA6seMdexri947fdNm4Z7LSkjgbAiCovA6AY6YxWb/aN1/wA9f/HR/hWncRTXGlI0sfkSOFZo3bOw45BI9Kzv7Pk/56R/mf8ACumlbl1OWrfm0G/2jdf89f8Ax0f4VYsb64kvEV5Mqc8YHoah/s+T/npH+Z/wqxY2Tx3iMXQ4zwCfQ+1aS5bMzjzXQzXNCi1uS2nllaK5syWt5AqsEfcrAkEfMAUU46d/vBSuf/wl91/an/COeSn/AAknk+f5OT5Pkbtv2nd/c3cbPv7uMY+erXijVNQ0dbUWtoBbTlhc6m5Bi09RjDuvUg5PI4XGWIUE1P8A8IpZ/wBm+RmTzvN+0/bt/wC/8/bt87fj7235f7uz5MbPlri947vdE0PQotEkuZ4pWlubwhriQqqh33MxIAHygl2OOnf7xYtenlYTHp2/hHpWX4X1TUNYW6F1aA20BUW2poQItQU5y6L1AGByeGzlSVINaGqJdW9vJc29s10UwTFGwDEcZxnqcZ471MlO2hUXC+oea/8As/8AfIo81/8AZ/75FNsgmo2cd3ZSpLBIMqwJ9cEEHkEEEEHkEEHmq8c73GrvY2kXnCDi5nDYSJsZCZ7t7DoOvbMWqeZrel5GkrO9oVDlCwI3IACPce9R6fZxaZZi3tAQuSzMxyzserMe5PrU6xGKNVcgHmlx/tCr1MvdvoVb6xi1B4JJWdJrd98U0Z2unqM+hHBB4P4Crm9ihyc8+lNx/tCnKhZSFINVG99SZWtoc22jS6JqFxq2ix/aJLhi13asEDSgsW/dtgBWBY8Hhs84JLGlZeJ7L4h6fPB4WuI59LJa3vr14ehI+aFUccttIySNoDD7xyBPvufEOu3Wja1bNp1pCzbLWRwTqcQON+Rx5fTKdeRu+UgNf1+wisoW1qK5jsLq2QR+cVJWZc/LC6Dl8s2FA+YM3y/eIbfQw1L+k6dBpGnpZWe7yUMjLvOW+ZixyepOWPJyT1JJJJpa1oEOsT2100hiu7PLW0gRWCtuVgSCPmGUHHTv1CkW9Cub7UtHgu9T0uTSrmQNvs5pVkaPDEDLLkHIAPHrWd4n1TUNKe1it7by7W43C41VyDFYAYwzr1Ocnn7oxliBk0aBqVR4snl1NvDscEa+Ili814jzCkOcefu7qTwF+9njp81aOh6Db6GZ3gdpJrohp3ZFAZskkgAcDLHjp+JJI/hWzTTfKDNHNHIbgXxcecJsYMpf1xwe235cbeKi8L6nqGrx3H2uz2wQsot79SBHfKc/vEXqo478HORkYNGgal3WtJt9csWsr3d5RcMdmAcg8c44/DmsSXxEfCzWmk6sommuW8jS2hQL9qYDiMjojAd+Fx78Vr+IdQvNL0uS603TpNTnVwPIicKQCeW56gdcDk9qp6ZpNhqenPeXs8Wqvfx7ZJiDt2Z+4g/gAPbrkZPI4V4jtIdp+gldX/tvUWRtSdSrCJQI0UjAUcZJAH3up+nFTa1dTQTQiJgAUJPyg9/pVDSdRvYvED6KkcmpWMKtu1MuP3DDpC+eXb3H481oaxaNPLEVkRcKR8xPr9KuDjzGdRS5TL/tG5/vr/3wv+FH9o3P99f++F/wp/8AZsn/AD2i/M/4Uf2bJ/z2i/M/4V0e6c/vFuwvZ3t5izjIZAMKB2b2qOzhFlc3VzG7PcXT7pZpMMxAztTOOFUEgKOBknqSTPYWEiwTL5kbEsp4J/2vb3qvazNNqU+nXCC2u48ukbtkTxZwJEPccgMOqkgHgqWzfLc1jzWJL9BqVm9regSRPjIxggg5DAjkEEAgjkEAirVjNOipE8zS7I8F3A3NgdTgDmqmpyLpduskx8ySV/Lggi5kmcjIVR3OATnoACSQATV6ytbgKklwqRyGP50V920kcjOOfrUvlsUuYydR0Z5dWXWbCVU1KJAqeYimNlGflPGeQxG7OR24JBoW/jyPV9Sn0LRyP7dth/plvKvy2Y/vM2MOORgLnORnHOLOsXd+dei0co2nWVwq41TcCJHJI8lP7rnHDNxzgZPFXrrw5ZLpcUMRSyFnl4LhGw0B5y249c87s/eyc5zUXiXaQaDo0Oh+aLZ2d7hw0zMqjc3cgAcDk8dB271e1vR7bXrE2d9u8reH+QDORnuQfX/IzWX4X1G/1aKZr2y8mOFwsF2DhLxf+eiL95R9fqOKv+ItRvdK0trnTdNfUpvMCmKNgCinq57kDrgcntWVS3Q0pp63MqbxK/hue10fVkE95dExaYYVCi8KjlT2QqOTnjHTJ4q7pug+Tqza1fur6nKpWTykAjUEABRxngKBuzk9+AAE07RtP1HTJLm7nj1VtQjUy3PZlByqpj7iqeRjkHnrzUGjalfDXptH8uTUbG3Vv+JruACOCP3Lj+Jxnll44wcHIrPU10NC/vbiK8ZI5NqgDjA9Krf2jdf89f8Ax0f4VNqUQa+YmVF4Xg59PpVXyV/57x/r/hXdG3KjglfmZJ/aN1/z1/8AHR/hUx1C6W1RllIJdgeB6D/Gqvkr/wA94/1/wqwLQy2ibJIzh25yfRfanoJXKNkZLGa4nimd57l9000mGZsfdXOOFAOABwOe5JL7+R9Ts2trxy8bEEY4ZWHIZSOQQeQR0qz/AGfJ/wA9I/zP+FH9nyf89I/zP+FHuh7xPpl3cvIkM87zKqYJcDLYHU4HWm6hpchu/wC0tJMcN8FCuGX93cKOiv8A0bqPpxUljaNBc73dMBT0J/wrK1XVbqbxAmjOH02xmVdupBh+/Y9YUx9xvc9e3Nc1VPm906aTXL7w218SN4lmuNO0QfZrizfydRlkQE2j90XszY5B+6B78V0GnafbaZapbWkYVAcknlnYnlmJ5JJ6k1kanpunabp6XllPFpklhHtjmCnaUz/q3HVwSenXJyOTzc8PapdarpcdzqWnyaZcM5H2eVwxwDw3HQHrg8jvWdpGt4Fm+0+HUJrdrrc6W7+YsOfkZh90sO+Oo7Z56gYt7j7flVDVNSXSljnuIybPJE9wp4tx2Zh/d65PbqeMkXhhlBV1IIyCD1qbSKvEqR6dBFq0uoQ7o5ZkCzKnCSkY2sw/vADGeuODnC4ZeXU0d0yo+AAOMD0FJa6ol9qc1vZoZYLfKS3WcIJQcGNf7xHO4jgEY65Cpexg3bEyIOF4OfQe1Z1OZRNqPK5EX224/wCen/joo+23H/PT/wAdFM8pf+e0f6/4UeUv/PaP9f8ACue8u518sO34GnaTPJbBnOTuPYVz400+E2uNR0xfOtZCZL2FlUPjJO9DgdMn5enpyTnoLGIm1+Vlb5jyK52ya48TarPaa7atp6Wrll0yVgxuVDYWZiOGTOPlHQ43dhXoU/gVzyqv8R2GJJB8QtOiuIXH9gSfvIZQgEl0egYZGUUc+hPsOvWWUSw26QKBsjQIvygcAY7DFc1ryzeHJv7Q0aL7RdXb/NpUZAN4+OWTsrAdWPGOvY109l5jW8ck0Rhd0BaMkEoSOQSPStNDPUyL/wAO7dYbXNKKDUtu0pMo8uRMAFcgZUnA+bk+uRgCjDrkfjJLzS9IjESQO1rqsk0asbd8fNCFOQzYPXlQD36CfVNRvbrxGNDmjl0uwlA2agHGbs4yYoyPuMOeTyRnb0JE2raZY6Tp6ahYSRaVLYRCOORUOx488RMo5cEngD5gW+XkkGRmlpGj2ui6etlZBvKV2YbyC2WYk5Pfk9TknuSap6ppi6j5UqSG2vbck290ijdGT1BH8SnAyp4OB0IBFnQdQvdU0eK71PS5dKuXLBrWWRXZQCQDleORz+NYnifXbrSfsqWsAW2nLC51NyDFp6jGHdepByeRwMZYhcmqQmQ/8JbcHVP+Ec+zxDxJ5Pn+Tn9z5G7b9p3f3N3Gz7+7jGPnrY0vTF04SyPIbm8uCGuLqRRukI6D/ZUZOFHAye5JNP8A4R3TRpv2fzZBN532n7du/f8An7dvnb8fe2/LjG3b8mNny1D4Z1261ZblbuAG3gKi21JOItQU5y6L1AGByeDnKkrg0xG5quj2uuab9jvg3lMyudmAcqQRg9unUc+hFc7feKNP+H9rb2niuZIbNiILC7jh/wBaQOImRB8rADqAFIHbpW5ruq3WlaK91pmmyarcJtC20ThGYEgE5bjgc46nFV9Cgs7u3/taa5j1G5vIyjz7DtRM8xKp+6oIwQeSR83IwIsVcii0B9W1O31jW41gnt2BtraMKfKXOcO2DuY+3A7c81uysUICcD2rmI7+XQfEFtoukwyalZSEeZErgHTEPQlj1T0X7w7cDjppSHwQRTSBs5VbI+DUuL/T8y6e2Zb2IhQ6AcmRSAMgD+H06ehjBj+IOnxXG/GgyDzLZgo8y54ID8j5F5PHU9+CRSadNN4n1GWLXrc6eLR9y6VKwYygH5ZnI4dcjIA4B68in67JJ4an+26HF9rubxyW0iMgG6f+J0J4Rh1Zj8p4zyeWSdRHmO3WMHKoAo4HQVg3uhSQ6xJrukFDqLDa8cyrslTCgpkDKk7B83PQA5AAG5G+bZXlHlswBKk52nHSuZ1DU7m+8SNodwJNLsXA8u9EmGvzt3NFGw5jI5znDEAlehIYDItdTxtBeabpI8u2id7PVZZo1JhkAxJbhTkM+Dy3KAEY3duh0jTodHsEsrPd5MZkZd5y3zMWOT1JyTyck9SSSScfV7Kw0myTUtPnh0uWyhWGMpGfLkjBwkDIoywycKFG4Fvl+8Q2joGo3OqaRBdajp0mlXUgffZzSK7R4JAyy8HIAPHrQBpea/8Aeo81/wC9Sbf9oUbf9oUAL5r/AN6q2p2MGp2zW92m5CQysOGRh0ZT1BHrVjb/ALQqpqd1NbW7Gzg+0zkhVTdtAJ7sT0A74yaAMO58TyeG57fTdbzc3N4/ladJGoBu3xnY3ZWA5JPyke/FaWn6bMLv+0tWdJ78qVQKPkt1PVUH826n6cVFb6HaSQztrDx391dpsnkdTgLnIRB/CoPPrnnrTtPN7YXQsrlzeWm0mG7J+dAP4ZPU+jDr3oA2pbaO90+W3mAKTI0bfKDwRg8EEfmK5qee0+HOmy3F86r4cjO+ScruktGY9WwMupY9eWBPORyOka7jt7Vnw0hVSwRBy2OwzgZ+tZVlbteXkep646+dGS1taKSY7bIxu/2pMEjd2BIGMnM6juiD+xD4lurbVNYi+zR27CSytlCl0G5W3SNggk7V+UcDAPLAMOl+VfQZOPrXPQxvoNyiaUvn6VI4U2a8G0yeseePL9U/hH3eMLW/HKkudjZx1o1DQfRRRSGFFFFABRRRQAUUUUAFFFFAHIfEOyj1Kx0iynGUn1OKM/iGFc54ov5dd8N28Uxy+nRLLeD/AKbh/KA/MOfwFek3mn2t+bc3cXmG2mWeL5iNrjoeOvXvVNvDOjtHfIbJduoSCW5wzDzGHQ8Hj8KFp99/y/r7gf8AX4nMeI9f1K3Gp3GmXN0RYFQBFHGIEwoJDlgWY89Fx1FXLm71W91q/jg1SWzht9PjuESKNDlyGPJZTxx0rYvPCmjX808l3aNJ9owZo/PkEchAwGKBtpbpzjPAq1Do1hbtI0UJ3SQrA5aRmLIvQcn369aWtv67D/r8jnNG8QX99FeyXE4BTTI51UKAFcqcn8xWLpN7cw3Gp6xPqc3ntY27EvGjKWYegUE+wz9a1L/Sba58R/2PY6Zb7YLFdzyXc0YeMnARgh+cf72al0+PS5NNuYbrT4LbM6WEoMrtHIF+7sPXPoePrT3d1/WrX6oW2n9dCCz1/VLPVL+K4N3LFHp5uo0vVjEm4Z7IBgH3yanurXUbzwTcX82uXD+fp8kkkQjj2cpnC/LkDtyTVvyPCui6vvd2W9SPy3llmmlIRuiyMxIx6Bjx2qrBa+H7fU9UiurYR2liihWlupJIwsq5ISMkquc4+UUnqrf11/4A1o7/ANdCTw5dXMGoWenvdyTQDSkmAkC53FiM5AHYAVS8N6pq2s6jZJcanKsQ05LmRY0QGR/NcckqeMLg4x+FaMVj4UurHzFkdYtOjKMz3M0bxxnna+WDFD/dbI9BTLC+8K6aXXSZIoLm3sWCJL5q7YUy2SGGdoLHnFOTu2/X9f8AgfcJLS3p+hS03U9X1aHwxE2pyQG+tJ5bqSONNzldmMZUgdfT1pNL1fVtT1K30abUXhMcl4JLuONBJMIZQigZBUH5snjt2raX/hH9Gj0snbG8MDLaJF5khCNjdgDJI4HJFZOtJo4trOfT5bUxSPLeKQ84ky/LSLJEdyAkkEcDnHbFD0f3/wDAHutDJur7U5P3N3cHUZbLxFDFAWCx5XaCASBjPPJrpb2x1LUNWs9TuLWKw/s5JHDrKJHkypG3gcDufoKwhBY+HrSNVtoL4TrNrCPHKwRZI1Tbg9WznJLZyck9a37TxUl54Hl1m6thHIsbCW2DZ+bHC59wR+dJ/D5r/K35pi3fr/m3+TM201DVn0bQ1k1OZrjWHAkuPLT9yApJ2DbjJx3zSX+u6pplzeaWt55zLPBHFdyou6MSEg5wApIxxxVnT77Rb7wRpw1a2W1ikX93bRPI7RlSeVZfn4x94dKS4u/DdpDZafDb/a7bWJDvlJklZiB95nOWJGMcnI9qp/F8w3VyXXp9U8P6avkahdXzXVxHCjPDGZIs9SMBQfbIqBLnxPsvoLKK8dfJV4Jr9IkcPn5lGzg8dMjrVpIvCayzac7+c87CKR7iWWUlh0XzXJwR2AbiopY/C9vHfwIwnmGI7h7uWeYpggBTI24rjPAB680gII7/AFZ4b20sbq+OpLCki22oQxK2M/MUZRtPGQMjrVDV9QnfRr6yuLvUC+bfzbe/hjVhG0gDEMgAKkZB/Gtu6tvC2mLLDqDM7zRr5jzzTTui5+X52LFADyORjrSRw6TZ6vd2BtGuYJtPE0s888ly8ibmGwbyxxxnAPegP6/IdKgh+INgtoBGJdMkE2wY+VXXYT9Mtj6movD2mxaZ451yOOWed5LW1kkluJC7uxaUZJ7cADAwAB0pnhW6tWh1m5sNIuo5bSTyUS4meSeZQgZVzISVHzcLnAzUlrqN3ZeJLJtX0uC2n1mPyfMhnZ2QxqzhGU8cAtyO5p9v63uxPZ/1tb/I6pgSPlOPwpNr/wB8f980pYL94gfWk8xP76/nSGMYPvT5h1P8PtT9r/3x/wB80xpE3p8y9T39qf5if31/OgA2v/fH/fNMlD+WcsPyp/mJ/fX86ZLIhjOGXt3oAftf++P++aNr/wB8f980eYn99fzo8xP76/nQAbX/AL4/75pkQfylww6f3af5if31/OmRSIIVyy9PWgB+1/74/wC+aNr/AN8f980eYn99fzo8xP76/nQAwB/Ob5h0H8P1p+1/74/75pgkTzm+Zeg7/Wn+Yn99fzoANr/3x/3zTGD+YnzDv2p/mJ/fX86Y0ieYnzL370AP2v8A3x/3zRtf++P++aPMT++v50eYn99fzoAZIH2csOo/h96ftf8Avj/vmmSSIU4Zeo7+9P8AMT++v50AG1/74/75o2v/AHx/3zR5if31/OjzE/vr+dADIg/kphh90fw0/a/98f8AfNMikQQpll+6O9P8xP76/nQAbX/vj/vmmIHy/wAw+96U/wAxP76/nTI5Ey/zL971oAftf++P++aNr/3x/wB80eYn99fzo8xP76/nQAxg/mp8w7/w0/a/98f980xpE81PmXoe9P8AMT++v50AG1/74/75pkgfZyw+8O3vT/MT++v50yWRCnDL94d/egB+1/74/wC+aNr/AN8f980eYn99fzo8xP76/nQAhV8H5x/3zTYw/lJhx90fw04yJg/Ov50kciCJMuv3R3oAdtf++P8Avmja/wDfH/fNHmJ/fX86PMT++v50AMjD/N8w+8f4aftf++P++aZHInzfMv3j3pzSLsba65xxzQAu1/74/wC+aYA/nH5h90dvrVH7XP8A3/0FH2qbOd/P0FVysnmRo7X/AL4/75rD1L/j/kz7fyFW/tc/9/8AQVk6nfTx37qpTG1TzGp/hHqKidF1FZGtKvGk+ZoWiqf9o3PrH/36T/Cj+0bn1j/79J/hWX1Kfc3/ALQh2ZsQ/wDHon+839KdS6VK09gHlCMd5H3APT2q5hf7if8AfIoeHktLi+sxetilVXU/+QZJ/vLWvhf7if8AfIqtqBC2LEJH94dYwR+oqXh5NWuVHFRi1K2xydFavm/9MoP+/Cf4Ueb/ANMoP+/Cf4Vj/Z0/5kdX9rU/5WV9H/5C0P8AwL/0E10s00VtbyT3EiRQxKXkkkYKqKBkkk9AB3rIs5iLpSEiUhWIKwqCPlPtUV9F/aM1s147SR27+asBC+W7jBVmGPm2kZAPAOGxlVIpU/q65ZMzlV+tvngrW0MD7FdFci2m/wCEK6HTPLPnFfXZ1+zf9MMZxxjZ+6ru4Zorm3jnt5ElhlUPHJGwZXUjIII6gjvWf9uuP74/74H+FVLCL+zp7hrSRo4riTzGgAXy0cklmUY+XcTkgcE5bGWYk9rEn2EzoG++31pKz572dbiRQ4wGIHyj1+lR/brj++P++B/hW31iK6GKwk2r3RqUrdvpWV9uuP74/wC+B/hWqkK32lmOcA+dGUY7FPB46EEfmMU1UVTREyoyo+8zl/EYnutQSLw2yx69En/HwwzFDGecTAfeU9QvXPIx3seGTDEtxbTqyavkPfGY5eVugcHunGFxwAMYGKSOKHwFat5g8zRC255ygMtuxwMttGXUnAzjI4HIxiSTRj4puYL7U4TaW1uwe0h8tfNbkHdJuBwDgfJ+J5Aw+QjnOht+rVl+J2s3s4baaOSa+kk32KW7BZllAx5iN/CFDcseMMQQQ2068n7tMpgHPYVyzaVPoWpXOr6QhumuWLXduUQOw3FsxEAYILE7ejEk/eLFtIx0IlK7Dw8t7Zawq+MZI5tbmRo7a6jUrbvH94xxA/db5QzA8ttzkqoCdbXHNeDxzZxpZFhoblJWuym17gghlEWRlMEA+YMEEfIQcMN/T7cabpcFlbt+6tYBEnyKvCrgcKAo6dAAPQU7aCWrsS6xLp8WkXH9siN7J08uWOVN4kDfLs2/xFs4C4JJOK4wWWvrh/EZa58LdRYEGS7RO32hsnzUHdRyRgMXw27oJbfz9Wi1C4keWS3QrBG+NkLHIZ1XH3yDt3HJAyBgM2659rn/AL/6CsPaxN/YSNGKWO4hSaCRZYpFDI6NlWBGQQR1FPrA062Gmyz/AGOR0hnk8z7Px5cbH7xQY+XcTkgcZycAkkz63pkOuWDWV47rFvD5jwGBB4wSDj6jB96pVEyXSkjn9Qi1C91K4n8HM0Vkzn+0SjbRdMOG8g9Fk4wX6HGOoyOo0KXTpNIhXR0WK2izGIgu0xMOqsOobPXPOee9YCa9N4cEOk6jC0spXy9PNrCALkKPu7QMIwHXouORjpU+naJJ/bP9u6k6jUXUqY4UXYikYAzjJYD+LIJ6dOKfOieRmte/8fR+grkfEAuLrUhH4ZdI9ciQK9y4zDFGeQswH3s5yq9RnOQCd3YXtul7aTW8wUrNEY2JjVuCMdGBB69CCPauaTyvA1uVnUPorPn7R5QaSB2OMPgZcMxwG5bJAOetYuN3c6FO0Ug8NtbxxT27I8epqwe+E5zJI5GBJn+JSBhSOABtAG3A6W3/ANT/AMCP8hXPNo7eJLy31HVIBaRWzh7OARJ5hwytukJB67R8nQYB+8FK9DNIY0XZtXJOcKPanG0HzClea5USUVW+0Seo/wC+RR9ok9R/3yK09vEz+ryLS9T9DWfrMunx6TONXVJLWQeW8bru8zPAUL3JPQDnNWoJnaXDEYwf4R6VkanoLSawut6eyf2jEoVEljUxuAGGDxkEhiA2SV5A4LA6RkpK6MpwcHZmHZx39nfQXHi1nk0tHDWAlbcbQ/wm4P8AE/o/Re/PzV3C/eH1rnBr02vpLp2l23lToTFfPcxBktDjlcdHbB4A4wQT6VqaHo9voNiLOyLNHvL5kC7snHcAZ6d/p0AAsg2ZJEhiaSV1SNFLMzHAUDqSewrgntNfmdpfCz/ZvDTEs9pgrcSr/EbZv+WSnsD77duRjW8QaQmveULiZke2YtERGjANx1DA5HA+Xoe/QYrjxZdWam01GBzqQ4ihhTK3P+0h7D1z93v2zz+1R0exkdFosunyaRANHVI7SNfLSJF2+VjgqV7EHgg85q/XH6bpU0esNrl/Kv8AaUqFXWKNBGgIUYB25JAUAtnJ4zwFA1L67uirxRXLwl48CRFUshI6jIIz35BFJ1oopYeTdih4iW7vNW2eEJI4dehjCT3UilreOP7wjnUffPzFlUfMu4tkKxD3/C7WsdrcWqpJFqSSCTUEuGDTPIwwJGYY3qwTCsPl2oFAXZtWpp5Ol2SWtkfLiUknPzM7E5ZmY8sxJJLEkkkk0y8V7y7tbtpniurRsxTxABgpxvjPHKNgZU8ZCsMMqsJ+sRL+qz7o6qsHxQ1tLDb2ypJJqrMZLAQHEsTgYMgP8KgNhieCG2kHdg3rS5llt9zvk7iM4HoKwBpsvhe6udT0xftMFwxkvYSiCQDczboyAOBub5OhyW+8WLbx95XRyyXLLlZL4cW5tNUKeKnjl1+WMql0ikQyxjkpCD9zGAWXqcZyQBt6O9/49j9RXKyyf8JzaxiIsmiNtlW4KbZLg9VMeRlFH9/gntjrXS2ECW9nDaDDRQRrGoKKOAMDhQAOnQAD0FVsTuUqKNR0ZluzqejrHHfBQskbDEd0o6K3oR2bqOnTiqMWsvr26z0O3NtNGxjvJ5ohi0YdUAPDv9MgdT6VXMTymhH/AKxfqK1JZY7eF5p5FiijUs7u2FUAZJJPQVW07SbPS7Nbe0hAUEszv8zux5LMx5LE8kmquoWEepyQfbHd4YH8z7PkeXIwxtLjHzbSMgdM84JAIT1GtDlWs7t8vDbzHwWT8+mhD5rr6qvX7P8A9MepHGNv7uu7tp4Lm1intJI5YJEDRvGQVZSOCCO2Kj81/wC9+lUrKwj0+5upbRnjS5fzHgBHlrIclnUY+UtnLY4JGcZLEqw7j7v/AI+n/D+VQ0l7cypdsFK4wOqA9h7VB9rm9V/79r/hWTxEYu1joWEnJcya1LFaFj/x7n/eNY/2ub1X/v2v+FWo7iY2Y2ybCxYblUcdOemKca0aj5UTPDypLmbM/wASiS6v4ofDxVPEMSfJcYzHBGe02PvIccJ1JGRjGab4bWe11J4vEzJJ4glTH2lRiKaMc7YQfuqOpXrnk57W9NgGl2phtnZizF5ZZCGeVz1Zj3J/QAAYAAo1GBdUtPIui2AweN0+V4nHRlYcgj1rXlZhzI1r3/j3/EVnVKk0v2XbJIZSoA3Ooyfc4GKZ5rei/wDfA/wqJVFB2ZpGk6i5kNqa0/4+k/H+VR+a3ov/AHwP8KkglYzD7vQ9FA7UvbxehX1eS1uaE88VtbyT3MqQwxKXkkkYKqKBkkk8AAd64H7Fd7dxtpv+EI/6BZjPnbfXZ1+zf9MPvY4xs/dVv67oUeuSW07zGK5s8tbv5SOobcjAspHzLmNTtyBkBuGVGWqPFV4076QtnnXkVWaDnyVQkgTGTHEZ2tgfeyCMcZpc6FyM6mCeK5t457aVJoZVDxyRsGV1IyCCOCCO9PrndC0KPQ5LmdJjLc3mGuH8pEUtudiVUD5VzIx25IyS3LM7No6jbnULN7WSeaKOTG8wtsZl7ru6gEcEjB54IPNVF82wpRcdzmtSj1G91S4n8FP5MBfGpyKcLdMOCIT0EwAwZOnAByQNvSaDJpz6PEmkR+TBEShhIIeJ85YODzuycknkk5yc5MsAW2t44LZEhhiUJHHGgVUUcAADgAelVvsEY1calE7wzsmyXyyAs69t4xyR2PUdM4JFVYi5fuPvD6VFVe9uZYzHsYDIOflBqr9tuP74/wC+B/hU+yb1LVVLQ0qlt+rVkfbbj++P++B/hV7TJ5Jmk8wg4AxwBR7Jx1B1VLQqeJ3tHs4baWOWW+kk32KWzBZllAx5iN/CFDfMx4wxUghtpxdKj1ax1e2l+INxbXc+/bp9zaxlLaB2G3BUk4lbcVDngglV2liH0G0STQNSudY0eM3ZuWLXlsVQOwLFsxEAYILE7Tw2Sfvliy3N/wD8JXbyadpAVrGZDHeXc0IZUUjDRKjjDPgkEMCq/wAQJ+WmSdJUVzPBbWss93JHFBGhaR5CAqqByST2xUGk6XBo2mpZWhkaJHdwZDuYl3LnLdWOWOWbLN1YsxJNLXfDkOtXFtd+aYruzy1uxjV0DblYblIywyg+XIGcMMMqMoBzC2d2m17i3l/4QsH5NOKHzUXsWXr9n9IuoHB+X5K72KWO4hSaCRZYpFDI6NlWBGQQR1Fc8viW5mmfSIrHGuxgGWE5MMaHIExfH3Dg4H3iQRjvVzQfDlvoP2h4pWlmuiGnYxoilssTtAHyjLH5ckDk9SxYAut94/WuIv47+91C4n8HuYrJnP8AaJQ7RdMOD5B6LJxgv0PTqMjsda0S017TjZXm5Yy4cmMLuyDngkHH1HPvWQurnw75Ok6na+dMy7NPNrCALoKPu7RwjAYz0XHIx0rPkNOdFzRJNPfSYV0lBFbR5QRbdpjYdVYdQ2euec807UPvR/7p/nUOm+G8ax/bupbBqMikGKFF8tFIwBnGSwA5bIJ6dMCjxBdS2t1EsJVQUycxqe/uKTmqPvsuNN137OO5DRWd/al1/ej/AO/Kf4Uf2pdf3o/+/Kf4VP8AaFPszb+y63dfj/kb+n/cl+q/1rP8TNayW0FsySS6i7mSwW3YLMkijBkVj91VD4Zj8u1ipDb9rSaTezyxTl2XKsmMRqP73oKyxp0/h2+udV0lPtS3Ts95bmNA5BdnzEQBjBdjs6MSW++zs9rERmroxlhZ03yt7DvDy3VnquzxZJFNr0yFIbqNSsEkf3jHCD9w/KCyk7m27skKAnVr1P0Nce93/wAJvaRi2bGhvslF15e2S5IIZfKyMoAcHzOD/dwfmHSaRELS3tbKMgxQRLEoEaLwq4HCgAdOgAHoBT9qnoT7GS1I9Zl0+PSZxq6pJayDy3jZd3mZ4Che5J4AHOa5FbXXYWWXxQ4ufDikMlpgtPEP4TcNz5qjuB7Z3YOeq1Tw2JNYXXNOMY1GFAqJNGpjcAMCCcbgSGIDZJHbgsC0+IDeqLPTLIjVDxNDOmFtfVnPcemPvdu+FyC50acUiSokkTq6OAyspyGB6EGnH7x+tU9A8N2ugRz+QxkkuCHlYxoo3c/dCgYHJ+XoO3U5Zruj2+v2Bsr0ssW/flFXORkdSDjr+PToSC+Rh7RHLXkd/eX09x4RZ49Ldy1+Im2m7b+I25/hb1fo3bB+auq0aSwk0mAaQqR2iLsSNV2+XjgqV7EHgg85rKGvTaG0WlalbefdspFj9lhAW6C47DhCMjOeB29Kn0zQTFrDa3fsn9ozKVdIo1EaAhQAPlySAoBbOW4B4ChT2bD2iHap/wAf7f7q/wAhVSr2p3DpfMqiPG1esansPUVU+1yekX/flP8ACl9chD3WnoWsBUmudNajK0rL/jyH/XRv5CqH2uT0i/78p/hVyG6lFmpGwEuw4jUdl9qPrkJdGH9n1I7tFmiq/wBrm9V/79r/AIUfa5vVf+/a/wCFL61DsP6lU7otx/xf7prN1qSwTSpV1ZFkt5MIYiMmRj0VR1LZ6Y571oafO812Ek2lSDkbAP6VW1Lwyv8AbH9uaYIjqCKFEU0aeXIoGCuduQx/vZOOnTitYVVNXRhUoum7M5Swjv7TUIJ/FzNLZhx/Z5c5FsTwvnn+KTnAfoOnU5Pax/6xfqKzP7UHiaGXTtKsxGctDfy3MAK2x6NHgjDv+a+vpWxo2hWehaeLOzUtGHLhpApbJOeSAM/U5PvV8xnyj5po7eGSaeRYoo1Lu7sAqqOSST0ArhDZ682X8Olrbwx1NgAY7p07/Z2yPKQ9lPIGdpTK7eq1CzTUZoPtbM8UEnmCDjy5GH3Swx820jIHTPOCQCLf2iT1H/fIp2C6I9IksJdJt/7IWNLNE8uKONNgjC/Ls2/wkEYK9iMVDf8A/H4/0X/0EU2KzSDVptQt2aKS4QCeNANkzDAV2XH3wBt3DBIwDkKu1L66kW7YDZ91esan+Ee1Z1KTqKyNaNZUpczIaKb9sl/6Z/8Afpf8KPtkv/TP/v0v+FYfU5dzq+vw7M3NJ/48j/vms7xQYZlt7a3Vn1jJexMJw8J6Fyeyc4bPBBxzmtHSJGlsiz4zvI4UD09KxU0r/hEJLjUNPU3FnMTJexlFEiDJO9CoHyjJ+Tp1I5JztGPKuVnLKanJyXUPDYmtNReLxKySeIJUwblRiKaMc7YQfuqOpXrnk5rqK5aeFfHVsmA0WicSRzGPEtwccMm4ZReeuMnp069LbwrbWsUEf3YkCLwBwBjoAAPwAFMko6/JpyaPImrx+dBMQiwgZeV+qqgHO7IyCORjORjI5vTItRstUtpvGj+dDvxpkhOUtmPAE3YzEHaJOnJAwSd3VDS4Dq51KUvNOE8uLzCCsC9wgxxuxyepwBnAAqxPBDdW8lvcxJNDKpSSORQyupGCCDwQR2oAkrDnnitoJJ7mVIYYlLySSMFVFAySSeAAO9aen2S6dZJaxzTTJHkIZ33sq54XceSAOMnJ45JPNUL3S7fULi2e6BeO2fzFgwPLdxgqzDHzFSMgHgHDYyqlaiTJXOC+xXQXJtpv+EN6DTTGfNC+uzr9m/6Y9ccY2fuq7mGaK5gjnt5ElikUOkiMGV1IyCCOoI71fwP7if8AfIqnZaXb6dPcvaApFcP5ht8Dy0c5LMox8u4nJA4JycZZiauTYu9l/wB0fyritRi1i+1O4m8BXFva5fF7PcoXgnccHYAf9YMYL9OMHJHHYato1rrmmfY7zcsbMjkx4DAqQRgkHb06jBHYg1mQagvhmBNP1mNVt4kCWl1DAAsoAwIyijCv2AAAPbHSpuXYTw29kLGSC1jkhuY3zdxznM3mHqzn+LOOG6EDAxjA2j9xaxYtBfWdUt9a1iIW0tuwNrbIiFkXOf3jEHJPoOF7c8jem+UgKAPwpOVkNRu7HNeJjHM1vb2QLa0MvZtGcND2Lse0fYg/e6deRD4bEltfSw6+yvr8qZknAwk8Y6eTnogJ+71BOTnOSkdh/wAIYJ72zUT6c/7y8Vo0EkWP41KgZUD+DsOnpRc2/wDwm8C+Ypg0cfPE5iAluGIIDDcPkTBPbLdD8pIM+0RXs2dJN/qD9RWHr0mnrpLx6rGZopmCRwpnzJJM7lEeMHeCu4EEFdu7IxkdFaxKsKxFVKooA+UDp7AYrFvvDf2fWpNf0lIpL8jD28yIElTaoKq23KN8g+bJzgBsgJstSuiJQaZzOlx6hZ6rbS+MnE5L7dNmGPLty3yhZMceeQdvmYAOSqhdxD9rb/64fQ/yrIe+j8YWcun6TbBLR99vqFxc2ykREErJCqOCruCCDkFB33fdrb0vSLXRdMWzswxjjaRlaTDOdzFjlsZY5Y5Zss3VizEkvmFy6klFLuPt+Qo3H2/IVn7RGns2JVaf/XtVrcfb8hTdQ0q01WyMF3FkEhlkT5XjYdGVhyGHrVRmmTKDRToqi+tPokyadrNubu7myLKSCH/j8x2IHCMO/Re/tV7TtFY3Y1PWBHLfFSscaj93aqeqp6k926npwOKrmI5R7f6tPof50ytSa0t7iB4Z4IpYnUq6OgKsp6gg9Qa52WZfB8edQJn0TISO4cGSW1JICo3VnUkgKeW5AOetHMHKXquWGcvg46f1rMg06TXbiO91a38iyicSW1gyjLMDlZJfUjqqdFOCcsF27wVI/uhVzxwMZpOV0NRsx1FFFSUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcHr76Ra+O3uPEFjb3UDWSpH5yRvht3PDHj61XtNMYWBnsIlg0641WKa1txIu2NedxABwMnsK07pb1viPcfYLa0nb+z03C6kZAPm7YVqzrC/utOW8gCLbXf9sIs6R4eLa/OEyOOPYGiPT+vtBLr/XQv3Fnf2cOvWA0+a8bUnd4JlAKfMMYY54xWedCv472fy089rKW0laJHBMoSPBAGevcZ9K059S1W7j1q/ttRazTTHdIrYRRlJNgyS5YFuf9krWWmt3Q1W8mtMQT6lJaReZt3eTuiBLAHgnjjNKPS3l/wBvr8/8Agk2u6featcXuqLataQrHbokV0RGbgpLvIOTgZ6DPU1W8RzS6trsgi0+W2ZNCvFzOFRjkKAOvAz0J46+lXdc1a/0p77R7i4TU1lig8ua7hQmPzJPLO9VCqwHUcD3zVK+hvPCGoT22m3sZgm0m6ucfY4EYSoowfkRQRzwCPXOaWnL5a/k7jV7+en5qxtQQXWl69bam1nNdW82lxW2bcb2idWLdM9Du6+1Qakmq3moO7WV9aW9xZKiR2SxB3bc2UllwWUcjG0jGW5zVqO+1HVdbg0yLUJLCOPTo7uSWCOMySu5K4+dWUKNueB1IqLVr/VILn+z4tTuZLm3s1kdrC0j3O5JAaTzAyovHQY79BVT638/1uTHbTy/SxhNpl7F4f0q3uLcwzW+i3cEiSOoIb5AOp6cdavWulXTTWUUcQbSZoIrueUOCiyxx42++SE/75NUdU1GbV9J0u/ugvnXGhXbybRgZIjzUlg8lv4R/4RqJislwIxDg8rDIm5iPpiT9KHe77/8ABf8Aw4K1l/XYk0211JNJ0kRpcLb/AGeVXm09Inl3FyQu8g7VI7r+dLpWm6hYWGiLcWFxG1tfTeYpbewVwcNkn5uvWk0W/ntvDGkWFhdXEBMMr7LKBZJThyB99Sqr6kikgvdQ1r/hGry7vZ4ZhczRuIkj+YqDycqRk4wccelGl/67hrb+uw610G+h046RenWJF+0lttuluIWG/cG3lNw/PNXLvS7qHw34gR4SjT3okjLsBvXcvOfwqC08Qa9fW39pWv2+VzcFVsls08gxhsEb8bs45zux7VLcapq50/XL86jIotLryYLfyYiqruXrlSSeT3o/r8h9f68yPxBp+rXv9q20cF55dxbqtutmsaJMdmP3smN/B7ZAwMVpaFb3CeILR54WhK6RHGyORuVg7ZGM1T8Ra9qMP29tOvblWsbdZBHa26MgbbuPms6nH0Ug496tWckmpeKUkaRoJLjRoyZIsZQl25GQR+YNC3/rtIT2/ruixp5udPufE91HatcSfavMihjYbpMQpge2SO9VfD5a51wX2t2t3Jq7R4UNFiKyRv4VGeM45Y8nHpxUng2wj0698Q2kEkzKt+P3kshd2JhjJYk9SSc0nh3TU0zxxrkaT3Fy8lraySTXMm93YtLz6DgAYAAGOlNaW9F+QPZ+v6nWUYHpSNux8uCfc03Mnov50gBx+8T6n+VPwPSomMm9OF6nv7U7Mnov50APwPSmSj92fw/nRmT0X86bKZPLOQv50AS4HpRgelMzJ6L+dGZPRfzoAfgelMiH7lPoKMyei/nTYjJ5S4C4x60AS4HpRgelMzJ6L+dGZPRfzoAAP3z/AO6P60/A9KiBk85uFzgd/rTsyei/nQA/A9KYw/eJ+P8AKjMnov501jJ5icL370AS4HpRgelMzJ6L+dGZPRfzoAJR+7/Efzp+B6VFIZNnIXqO/vTsyei/nQA/A9KMD0pmZPRfzozJ6L+dABEP3Kf7o/lT8D0qKIyeSmAuNo707Mnov50APwPSmRjl/wDeozJ6L+dNQyZfAX73rQBLgelGB6UzMnov50Zk9F/OgAYfvU+hp+B6VExk81OF796dmT0X86AH4HpTJR8n/Ah/MUZk9F/OmyGTZyF+8O/vQBLgelGB6UzMnov50Zk9F/OgBxAweKbEP3Kf7ooJkweF/OmxmTykwF+6O9ADby8ttPtjPeSrDECAXbpzWd/wleg/9BKH9f8ACqPjzd/wic24AfvE6H3ryqvJxmOnQqckUtj28Bl1PE0ueTa1sewp4q0Ibs6lDyc9/wDCpYfEWj3kot7a+iklkBCqM5PFeM1r+Ff+Rosv98/+gmuenmdWc1Fpas662T0YU5TUnom+h6d5f+0v50eX/tL+dMor6M+UH+X/ALS/nWTqcG6/Y+bEPlXgt/sitOsfVv8AkIv/ALqf+girhuRPYh+zf9Nof++6Ps3/AE2h/wC+6gorbUx0Ol0iJ10s+XtkIdiArdeBxmnaZfJqcT7UaG4hIWe2k4eJvQ+x7EcGneHf+QWf+uh/kKzfE/my3kSeHCo8RRpmGQ/6tEPafHWM+n3sjK4IzXJJ+8zrivdRf1C/Wxmhtkja4u5z+7t4yNxGeWPoo9TUupQt9hYMVX5hyTVHwv5UfnxXoYa4cNfGX70h7FP+mfZQOAOvOc6Otf8AIPP++KIvUcloYfkf9NY/++qPI/6ax/8AfVRUV0HMW7SHFwP3kZ+Vujf7Jp3k/wDTSP8A76qGz/4+R/ut/wCgmnV52M+JHrYH4XYk8n/ppH/31SiHkfvI/wDvqoqUdRXFoehZ9y1Pau1xIQycuT973qP7I/8AeT/vqrU3+uf/AHj/ADplaOKuYKcrEH2R/wC8n/fVa8bm10oyFd5ijLbV/ixzis+tW2/49k+la0UkznxEm4q5zNoU8biT+1IQmmwsFfS5hlpWxkGZT1X0XoepzwA59Ql8LX0OmL5moWk2Ps8YbdNaruAwx7xjPDHnjHPWjxN58t+i+FzGviKNPlkfJhSM9rjHVD2A+bPIxzVrwuYEjninEg1jIa/M5Bkdv7wPQp2XHAHHFdRxm3MMx/jXJyajPrurTaLE0mmxR7vOl3lJbhAxUiEjkD1ccrnjBIYdZP8A6v8AGud8SmzaziinErXjPmyFqQJxKP4kJ4GM8k/LgkNkEg0thMp3NrD4MSObRo449PllWJtKiGBvP8UCjo3BLIODgtwdxbfsLj7dpcF2UMXnwCTy2PKZXOD9M1zXh4XsOqj/AITJoX12RCtvLCCLYx9SsIPIbjL5+YkZ+6FC9Wfut/un+VD2CO6Kvl/7a/nR5f8Atr+dMorz9D0tSRY/mHzr19aTWr59IsTdi1luvnC+XCMscnqBTV+8PrWzW1NJ3MKzaschbeH4/EttHquryLPNIu6zNvJgWPvGf+enYt16r0yDNpWrXbay2i3aC6lh3Br6EYjbAzhh0V+eQP8A61UNSTUZ9Snk8GF0smcjVDGQPNPf7PngTdi3T/gWCOo0R9ObSYho6qlqnyhACChHUMDzuz1zzmtuVGHOxb2U2lpNPt3mGIvsB5bAziuatY4/GgkbVY0/s6F9p0uYAl3HedT1HdUPHRjk4x1c3+tNcn4j+0y6io8KGJfEEaAGSUEwLGedtwByR3UD5geRgFs5vc0Ww8383hvUoNJy+o2823yMMWmtkLhcSHqUGeHPJxg5I3HorhMonzKOT1P0rG8Mm2SCaIiRdUDBr/7SQZnc/wARI4KnHy7flAAAwBga9z9xPqf6VMti4boi8v8A21/Ojy/9tfzplFY6G+pPbpib7yng9D7VkatrVxFqyaRaKtvLPtC3swzEhbdx7v8ALwvcmtW2/wBd+B/lUWsPp6aVN/a4RrRhtdXGd2egA6k56Y5zXXR+E46/xGTPoEHh63k1TSbhLe5QF7uW5k+W99TKf73ow+70A2/LWroepnWLH7UbaW0+cr5cww3GOcfjXLWKX8F/DJ4uMjaUjj+zfOOTEf4Tcnu/91jwO/z813C/eH1rYwMjVrx7PattCbm5mYrFGvAz6s3RQPX8qoL4XhuIZJdTuPO1GUhjdxttaAj7oi/uAenfJ3Zyc7T/AOsb6mm159z0rGdp9xeJdHT9VCtOq7o7mNSI51Hf/ZbplT+GavXUWZvvoPlXqfan1Bd/6/8A4Cv8qmVrFwT5hnk/9NI/++qPJ/6aR/8AfVR0VnodFn3NewiP2UhSrfOeh9hWALu48S6lPpP7zTreHd9oBbbNcoHKYjPUIccuORnAwSGHQ6R/x5t/vn+Qqh4oNq8EEQEraqWLWH2YgTJIP4gTwFGfm3fKQSDkHB9Cm/cR5FZfvGZl1bjwWsbaVCv9nTOEGlQgAo2OsCjoOMlBx1YYOd3T6e7T2kNwyGPzo1fYeq5GcVz/AIbF1DqTDxaYm8RSIQssQIt2jHO23B5A7sD8xPJyAuOqrS5lY57VdcuRrC6LZp9llm2hb6YZjXIJwo6M/HCn/wCtUNxokHhm1k1TRpVt5oxvvPtEmVvvUyN/z09H69F6YA19bfTl0mUawqvav8pQgkuT0Cgc7s9Mc5rltNTUINSgk8Zs72KuBpZkIIiPb7Rjgy9g3T/gWSUM6rRtUOr6f9qNrNa/Oy+VMMMMHqRUhXnqPzq3VM9TTQmLt9x+dG33H50lFUIz72Lddsd6Dhep9hVfyf8AppH/AN9VLf8A/H4/0X/0EVWry525me1TT5F6Enk/9NI/++quwQsbVdrKcMeh+lZ1alj/AMeY/wB4/wBK1w/xmGKT9nqH2d/Vfzo+zv6r+dWKK9C55dkQiB/LcZXnHemfZn9V/OrQ+6aSuaok5anVSk1GyK32Z/VfzqSGBllBJXGD39qlpV6/gf5Vmoq5o5Oxi+ItebQ1hCW3mmZWxKzbYocMg3SNj5U+fJPtUH/CKJn+0Ren+3vvf2pt5x/zy2Zx5H/TLOM/PnzP3lbk8kUVvJJcsiQqpaRpCAoUDkknjGK4TyLvdkxzf8IPnP2UqfO/Lr9k7+X97t/qfkqiDpvDuvNrizB7byjCq5lVt0U2Wcbo2x8yfJkH3rbZeeo6DvUMEkUtvHJbMjwsoaNoyCpUjggjjGKlbr+A/lWlPczqbBt9x+dG33H50lFbGJVv49xj+ZRwepqn5P8A00j/AO+qs6j1i+hqlWkdjOW5J5P/AE0j/wC+q0NKTa0nzKeB0NZdaWkffl+golsEdzMk1SfX9Wm0SIy6ZFGX86XcUluEVipEJ6gccuOVzxgkMH6lYw+GLZ9W0QQ2cUMarcWX3IblVAVQAPuygYVWA+b5VYHCFLPic2bWUUU4ma9Z82ItCBcLKP4kJ4GM8lvlwSGyCQcXSF1mDVreT4ivZy3W7bp0lirLZxseOQ3InOcBjxg4TBL7sDY6nStQ/tTTluzby2253Xyphh12uV5HbOM496z/ABF4hfRDDHHa+Y06nE8jbYYDuVd0jfwr82c+1blRXMkEVrLJdtGkCoTI0hAULjnOeMYoAwj4VSHOpJeFdd+8+psv3x/zyZc48n0jzgfezv8Anqx4d8QNrsUpa0aAwhcyZzHLksN0Zx8y/LkH3rmVgu1kBuI5f+EIBzHbMp84em4dfsvcJ94dD+7+Wu9ieOSFHgZWiZQUZDlSMcEY7UAUta1Q6PpxuhazXWHVfKhGWOe4FZFtolv4mto9V1iVbid13WZt3wLH3jbr5nq/X+HpkHp64bUk1GfUp5PBjMlizn+1DGceae/2YngS9i3T/gWCADY0rXbltYbRbxPtUsJYNfQriNsAHDDoH55A/wDrUeIrZprqIq6LhMfM2O9aWiNpzaRCNHVUtVBUIAQVI6hged2euec1Q8Qf8fUX+5/WufEW9m7nXg7qsrGL9gf/AJ6w/wDfdH2B/wDnrD/33UlFeXaJ7fNLuX9Jtmihn3PGcsnRs/3qyDfTeINTn0dHfTYYi/nvvKTXKK5QiEjBC8Dc45G4AYJDDY03/UT/AO8n/s1Z/iQ2rWsMTiVtQZy1gLYgTrIB95CeAAD8xb5cEhshsHsp25UedWu6jd/6sVrm2i8GrHJpKRLp0sgj/sqEAbXPeBRwOmWQcHBYYO4t0ukTfaYLa6I8vzohIUJ5XK5x+Ga5Xw+LuLUseLTC2vyIRHJCCLcx9SsAPI6ZYH5iRnlQoXrbb/Xfgf5VqviRg0+VlHV/EM0Wrx6PZqLeWfaFvpxmJC2eAO78cL3Jp0nh60srZLnTLn7LqFvuc30p3Gcnl/OPG9Tj/gOBtxgVPrD6emlTf2uEa0YbXRxndnoAOpJPTHOa4+OLXklRvFRWTwypBhiAY3Kj+H7UejqP9nnpvzzW/Mzm5Edh4e8RDXYJGa1e3MW0bicrJnPKHuvHBpNc1Q6NYm6FtLd/Pt8uEZbvz+lXYmR0RoirIwBUqcgjtinN94/Wrg7mc42Obg0CDxBbx6rqtwk9067rSW2fixHbyW/vf3m/i6EbflqbSNauJdWfSLtBcSwbg19CMROV28ez/NyvYisW+S/nvppPCJddKdz/AGl5RwZT3Nqegf8AvN0P8Pz811WjtYNpMH9kBFtFG1FQY246gjqCD1zzmtCCrqcO6+Y+ZGPlXgt7VU+z/wDTWL/vqp9V/wCQg/8Aur/IVTrxqjXO/U+hop+zjr0RL9n/AOmsX/fVW4ocWaDzI/8AWNzu9lrPq5F/x4p/10b+S0oNXConZaknk/8ATSP/AL6o8n/ppH/31UdFaaGdn3L+mx7b1TvQ8HgGq+q67cjWV0WzT7LLNtC30wzGuRnCjoz8cA//AFql0v8A4/l+hq5rb6cukyjWFV7V/lKEElyegUDndnpjnNdlD4TzcT8ZkXOiW/hi1k1XRpFt5Y133nnv8t96mQ/89D2fr0HIwBsaNqh1fT/tRtZrX52Xyphhhg9SK5bTU1GDUoJPGZZ7JXA0suciI/w/aOxm7Bvu/wDAsk9xW5zGY1u+48r19aT7O/qv51YPU0VpciyK/wBnf1X86oX8ObxsyRj5V4Lf7IrXrF1P/kISfRf/AEEVUdyJqyIfI/6ax/8AfVHkf9NY/wDvqoqK1MjotHXZYkblb5zypz6ViR6hJ4rvZtMcSafaRA/aImYrNdLuIwp7RnHLDk5xxnNbOif8g8/75/pVHxQYHjgitw51jJawMGPMRu7EngJ2bPBHFc0tzpjsVLtk8E+X/ZkQfTZmKppcQw0TYzmFR0X1ToOoxyK6WCcTWsUzKU8xA209sjOK5vwz58V+6+JzG3iORPmkQEQvGO0GeQg7g/Nnk54rpZ/9X+NQ9EWtWUm1qCHVxYXStAZAPs8rfcnOOVB7MPQ8nqKs3eoWtjayXN3OsUMYyzt2/wATngDuaytdbThpMi6woe3chQgzuZv4QmOd2eRjkEZ4xXN6WuowapA/jRi8QfGls2NseeB5+ODORxu+72XBLZjmZpyI7bT7431mk8lvJbFydscuN23PBIHTI5x2p/kv7fnTF++v1q3VRk2RKKRW8l/b86PJf2/OrNFXcixQ1bUjpGm/avss10VZE8qEZY5IHA71lafpsHiS2XVNb8m9W4jKwWwO6K2Q8ED1k7M3UcqMc56SuI1Rdbn1SeT4dyWcTF8X73qs1tIw4/dhf+Ww6E/d7NkgYQzRg1a40bWYdDnMmpK5XyrgHdJChOAJj6+jdWxzzknoJxlhz2rM8NGwWweKzWVLhHzeLcnM/mnq0h7k9iOMdOBgaVx94fSplsVDc5GG8fxbcS2Ewaxsohm4t3bEtyM9PaM45I+904Gcl5IPBXlrp8Ym06bcItNi+/CQMnyh/wA8/Vei544OBZ8T+XJ5EVluOtjLWRixuQ9y3/TPswPB7c4xD4a82K8lTxCUPiF1zNIB+7dB0EGekY9OuTlsk5rM2OptJA0KyN8u5Qcemaw9R1+efXP7CsibCRzj7fKoII2BiIgRhpME4ByBgkhsYraH3D9RWXr7acNJdNXXzIZGCpGmfMeTqoj2/NvyMgrggjORjNNSsS43dyndadaeELOTVNCZLdIxuvLaRyVvjn75Y5P2gk48zkuSFbd8pTc0zU11XTBc+RLbF2kXyphh12uy8jtnGce9cdpK6jBq1u/jdhI2/bpT8eXHngCXHy/aSDgsPl7R4y4btV6/gf5U+Zi5EG33FG33FJRWZoLt9xVfWNYXRtOFz9mluiGVfKhGW574qelb71UnYlxuYNvpFp4lt49V1mZLid13WbW7nFj7xt2k9X6/w9MgzaV4hmbWG0a8UXUsJYNfQjEbYAOGH8L88rXP6iuoT6jPJ4OZksWc/wBpmMgeae/2c9BL2LdP+BYNdRor6e2kxDSAq2qjaqKMFSOoYHndnrnnNVzMnkRp3d2trZTXGDJ5UbOEHVsDOK5u2MHjUSNq8af2bDJsOlTKCXcfxTqevqqdOjHJ27ehP3VrlfEYuZdSA8KGFfEMaANJKCbdY+u24A5I7qB8wPIwC2TmYciLX9rP4a1KDSC0upW823yDvLzWyFwmJSeSgydrnk7SDkjceqDK3Q5rl/DJtkt5oiJV1MMGv/tJBmaQj7xI4KnHy7flAGBgDA6KDPOMds5pqTbsJxSVyeiiirMwooooAKKKKACiiigAooooAKKKKACiiigDkNVh+3eM5Lez0/ddpaK73H9qz2uV3cLiMHPPrS6cdNk00xT6fFbPBqASTzbp2Dyjowkxuc/7341T1z+y7fx3Jca7Zie3ayVYyYvMw27niq1tpsq2TS2MLRadPqsU1rASPkX+I47AntRHp/XUJf19xv6rB4XOqONSkVLiXb50YnkRH9PMVSFP/AhUb/2JNqGtQX9pFDBEsJmnMpw/yAqQB90jgDbzVK4tbuzg1+wk0+4u5dSd2t5Uj3IwYYAZv4ce9UG0PUI7yY+U05s5bSWSNDkzBI8MB6kHn8KS/r+vIff+v6ubZttDm0HUjpUlrMXQfaJNQlklyB0DszbwMdDnjqAawrK20a41C5uby5s/MXTpojbG+nmLxkAszSSAMqgAABRxknmp9dsLvV7q+1O3tJLe3WK3XyrgeU1yUl3lcN7cDPU1W8RzHVtek+zafcQuuhXiZmj8tmyFwMHnGe/TrjvQ9r+v5MFvb0/NHT6lH4fWOxl1GX7PKIdsD21xKkmzAyAyEMV6deKrXNr4Rhgtp5JFjiktwqGG4lCywg5+cKfnXJP3s9T6mo4IrjS/EFtqU9nPcW0ulxWwaCMyNE6sWIKjnBBHPtVfUVv7rUncWOo2VtPYqkUdnBH5kjbmzHJJglByMYK43HnNOWjdvP8AX8/1Jjt936fl+gmrLoek29tbWumi6tRpl1JCRduAI/lLIDk8Nkc9scVJYX2jz+GovFMmmeTdWVq0Ah80s0YA/wBXnvkYwcZ5rFOm3y+HdKgmtZIpoNFu4JEkGCr/ACAD8cdavWulXZnsrVYGbS54IbueUMNiyxx4Kn6kJ+Ro7/11f6f1qPov67fqWtNHh268M6Zf31u2mEo6xRRXcu5QWO5dykFhkZ54pZ/+EV05tHtLWFjDcXDS2zwXEoETY5IIPAPTb09qztNttQi0vSFMd3DALeZWmsYEkl3FzhdxVtqkdxj60uk2F9Y2GhrcWN3Gba+m8xWUuyhgdre4560+v9dxdP67G61t4UbVjCZgJ2m3NAtzKImk90DbCfwp13N4dW21GyR7di8vmXUbzOq79w6sM7eccCsC00O6i046RqD64zfaSxS2gg8pvn3BxIY8j8WzVy60y6i8N+IUa3dXnvg8e4YLruXnP4Uv6/L+vkV1/rzNHV7Twstw51dlR7iNRNGLiQJIuMAuqnafqwqS3fTNL18W8FsVW30xWW4855CIg7YXBzn1z15rD8QWWp3Z1a2WC+AuLZUt0solCXHyY/eS4yMHtuHA75rT0KCdNetJZ4ZIQukRxsJBgqwdsgihb/12Yun9d0P0PXtPe38QamtjNYxW9wXnaUndLtiU79p+78uMD296fp+plNetp9Q0tbOXWYgkMqXBkLCMM6o64AU7WY8Z788CqkOnNrFl4vtYJEIv5mSGQMCpzAi547ZFNs7h/EOq6GkUDw/2QzTXnmYG1/LaMIOeeWJyOMD3prp6L8tRPr8/+AdkSB1IH1pN6f3l/OnEZ60m0eg/KkMYzr5ifMOp7+1O3p/eX86a6jzE4HU9van7R6D8qAE3p/eX86bK6mM/MO3en7R6D8qZKo8s8Dt2oAdvT+8v50b0/vL+dLtHoPyo2j0H5UAJvT+8v502J1EKZYdB3p+0eg/KmRKPJTgdB2oAdvT+8v50b0/vL+dLtHoPyo2j0H5UAMDr5zfMOg7/AFp29P7y/nTQo85uB0Hb60/aPQflQAm9P7y/nTWdfMT5h370/aPQflTGUeYnA79qAHb0/vL+dG9P7y/nS7R6D8qNo9B+VADJXUx/eHUd/enb0/vL+dNlUeX0HUdven7R6D8qAE3p/eX86N6f3l/Ol2j0H5UbR6D8qAGROohTLD7o707en95fzpsSjyU4H3R2p+0eg/KgBN6f3l/OmxuuX+Yfe9aftHoPypkajL8D73pQA7en95fzo3p/eX86XaPQflRtHoPyoAYzr5qfMOh707en95fzprKPNTgdD2p+0eg/KgBN6f3l/OmyupThh94d/emvPbxttkdFb0NRvdWxXAljzkd/ep5l3K5JPoWN6f3l/OsfXtQuLPyPskuwPu3YAOcY9frWl9rtf+esdY3iEJci2aGSPaNwJLAelY15fu3yvU6cLD98udaefoZ39val/wA/P/kNf8KBruogYFxx/wBc1/wqt9kb/nrD/wB/RR9kb/nrD/39FeZz1e7Pb9nQ/lX3I0Ib2bUreeK/8u4jABCSRKRnPpio/sFj/wA+Fn/4DJ/hS6fD5Uc5eWLG0ciQHvU26L/nvD/32K1V2k5bnO7Rk1DReRB9gsf+fCz/APAZP8KsWFnaR30TR2dqjA8MkCAjj1ApN0X/AD3h/wC+xU9kUN7GFmjY54AcEniqglzIipJ8jNTC/wB1f++RRhf7q/8AfIqTyX9P1o8l/T9a9e54RHhf7q/98isjUZNt84CRHhesSn+Eeorb8l/T9awtdSe3M91HbvcBApMcJBcjABIGecDJwOTjgE4FVGST1JlFtaEHmn/nnD/35T/CjzT/AM84f+/Kf4UWsX221jubSWKaGQZV1kBBqv5hbVhp8CedKq7pmRhtgGONxz1PYde+Mc1fPDuZ8k+xvWJaXS3RW8reWXdEApHHUYHWsPRwfBUP2HUbmS4s5G3Lq9ywaV2Pa4fu3YPwCMDAxzvWcT2+mszKG2FmIVhzxWBbgeOkkS8i8vSY8LLYSkeZcMRn96O0fov8XU8DB5J3cnY64WUVfcW/t5fGVxA9rcXGn2VpKHTULZvLnmIPKxtjiM9GJ+8OB6101w5e3IcKwyOGUGuakuZPCFxDYFWvLCYYtYkYGa2A42nJ5jHZv4ehyMY6aWF/JIwOo70Rvzajlbl0KO1P+eUX/ftf8KNqf88ov+/a/wCFV4L1JtSmsJEaC5j5VJSB5qf31OeR+o74qzcslnbSXF1LHFDGMu7sAAK35l3OflfYVAqsSscYIVuQg9D7VT89/SP/AL9r/hVnTnkvrMXH2eSASK21JsKxHIBIzxnrg8+uKztQlOltC15GUt5G2tcZGyI9t5zwD69M9SMjPJiFKTXKd+FcYxfOWPPf0j/79r/hSid8jiP/AL9r/hUn2Cf0X/voVS06U6m8zWkbNbxMFW5yPLlPOdhzkgevTJ4Jwcc3LU7M7Oel3R0Dhd7fKvX+6KTC/wBxf++RT2X5zyOvrSbfcfnXScCeg3C/3F/75FTPD9osXhEjw+YhTfEdrJkYyp7Edqj2+4/OpZJRb2TzFSwjQuQCMnAz3qobkT2Ob0hF8FwDTtUnaW0Zsx6vcNl5W/6eG/v/AO3wD7dKS8sX8Y3trc201xp1lZyiSO+tm8ue6IOSinHEJx82R83bAGSQeV47jlXUItukRnY+nS4Lzt1zMvZPRe/U9hTjqL+E7yHTJPMvrObAtAhBmtxkLtfJ5QZ4fqOhycE6mR0sxxH+PpXILYS+GdYvdWaS41O0vZC87znzJrEZztj4/wBQP7g5U5PzAnb2EqlkwvrXKSahc67qs2i2Zk09Ii32mdmCyyoGK4hwe5HL9VHA+Y5SJXvoaR5bajNVuI/FltJpWkPHJA2PP1KPBFt3BiYdZh1UjhDhjnAVt/SrT7Bp9rYtcT3YghWIz3TB5Zdq43O2BljjJPc1z8unxeB4o5dIhSPSZJBHJpkWAVdjw8C92JyWj/i5YYYEP0emXH22wtr4RtEk8SyhXIJUMucHBI79qXvXH7tirqdjdQXa6lpQ89kTZPYO3yToDkFM8JIMnB4DA7W/hZIW8S6TJAosFF3eyHalggAmDejqeUx3LYApus+I3ttTj0iwRUvLhU8q7uP9RGW39cEFmGzhONxIAIG4rB/wh+nWUr6npMot9dIzJqsqh5Lk91nxjehwPlGAoA27dq4r3SLyNXStMmt1luNTmE93cEM6pnyYQOiRr6DPLHljycDCqniLRD4g0d7BdRvdOLMredZSbH4Odp45U9CO44yKh8P+JI9dSb/Rnt3g2hyXDRuSWGUYfeX5eGwM59cgWNZ1y30awN1LHLcAOEMcABbk46EjNNW6CbfUoWuvW2kWosdZji0+4t0CpHEuI5wOAYR1Of7nUdOetM0zRbm58RnxFdSXGnl4zGunQuAkinpJOP4pB2xjaOOarxaTaeJ4YtV1udJJj+8sRbycWHoyN3k9W/ADGc2NK8SsdWOi6htuLqHObyDAicAZGRnKv6qM+vQ0xGtqMJurae2EskHnRtH5sJCumRjcp7EdQa5rSWXwdbrpuqS7rUkmLVZyN0x7+ex/5af7XRuvHQdJf3SW1vNcn5xHGZNoIBbAzgZ4rmIlt/HEcn9pon9kRtsOmy4LTMO86+g/hT/gRycBcmnc1TjYdc2Uni3UbO+hluNNs7GVZYbq3Plz3mCCUzjiA45B5fj7oALddGiyJ86q2DxkVyQ1RvDWoQaVO7X9tMVFqyuDNApYLtlyeVGeH6kDacsAW62B1CH5h19aaTvqDatoYs6zeH7ua4lV7zSJnMj5G+WxY8kju8JPOOsZzjKYEbZ73+3Hay8OSRiLpcapGqukQ/uxZyHkx9VXq2eEaF9YfxFqc+jWskmnQwF/tcxYLNMgdk2wYPAJX5pOqg7VAc7o45IrXwLFE2jxomjyOI20uFQDE7Hh7dffktH3+8uGDCSrRIvI6a3tIbWCOKJTtjQIpdi7EAY5ZiST7kknvWBqugzx+Ik8RWjz3zQxCM6ZNIPJA5zJCP4ZucZJwRxxnI3bG9S/sLe6RSgniWQIxBK5GcHGR37GsjV9fmi1VdGsIxDdzhQl3cAeTHu3ds5Zvl4TjJ74BIpeQnfqMuNes9Tt/sejwR6hdzqVaCVcLAOhMw6qB6dT2q34b0AeHtJFk1/dagfMaTzbp9xTP8Cf3UHRV5wOMms6Xw/F4cjl1bRpljuwPMvnupMLfgdTK3Z/7rAfL0xt4rY0TWE1vT/tcVvPbrvKbJwA3AHOAT60CIXkbzG4Xr/cFJ5rei/98D/Cq2qXY0wpLcxv9ndyrzrgrD6Fucge+MDvirSwM6hlKspGQQwwRXHaR3pxE81vRf8Avgf4VDdTMJsAJ91eqKe30qKK8W41SSytkaYwj99KhGyJuyE55b2Gcd8cVLfW1wFeWGLzmWPKxq6guQOgyQOfc4pOM2tCoygpakHnv6R/9+1/wo89/SP/AL9r/hUWnMNUtfOtSOCVdHO142HVWU8gj0NMu5TbX1vZLGZ7qcgiGIglEzgyNzhVHqep4GTxUctTszbnpd0b+lOXtWJx989FA7D0rCtrB/COpXt/PLc6lZX0rSzXVw3mT2eSSEzjmAZ4AGU5J3Akrv6bC8NsyyYzvJ4OewrC/tOTxPqE+kwGTT7aAsLtmYCadQzJtiweFJHzP1AO0YYkp2wuoq55lVpzdhNX2eMrdtM0qYraggy6tA3MBHTyG/56+jchepyeD0EEJstOgtxNLOYY1j82ZtzyYGNzHuT1J9a52aKHwJHF/ZcS/wBjyN5Y0yEANC5/igX0PO5P+BDByG6KKcXenw3CqUEyLIFYjIyM4OOKp7ELc5zUtLu7fxGPEVtNcX5SMRtp0rgxxgdZIBj5ZPXP3hxxT7rxHFq1sbLR0i1C4uEKvFKv7uAHgmYdR/u9T+tJqmtzjVhotgot7qXAW8nwYkBGTgZ+Z+OFOPXoKry6DF4Zhl1XRpUjmH7y+FzKMX3qzt2k9G/AjGMZ+8a+6a3hzSpNA0mOwbUrzUdrlvOvJA78nO0HHCjoB2HGat6rp9zcLFPplx5F3bksiuT5MwPVJF9Djhhyp5GRlWr6LqaaxYrdxwywLvK7JwA3B7jPFJ4g8SR6EkP+jvcPPuCEOFjQgqMux+6vzctg4x64BuN+pErdCL/hJ7JYTHJbSLqgbZ/ZgAMxf27Fe+/O3HOauaVYXcRmu9VnEl1cYzDGx8m3UZwiDv1OXIyx9FCquWPC6SuNWe+X/hItvyamseVQdfKCZ/1H+xnJ+9u3/PVvw/4lTWzPE9uYZbYDzHVw8MhLMuY34LL8nXA646ggXqQLqErJfSKoTAx1QHsPaq3nv6R/9+1/wqfWoriFZ7yG1kuUUKdkOC5XgEgZ5wMnA5OMAE4FQ2lu1/aR3Vm0c0Egyjo4INcE4z5mepTnT5FdoTz39I/+/a/4VraeonsWEgHJI+Ube3t0rDzI+r/2dBC00qLunZCNsAxkbjnqewGT3xjmt6zU2dmwuCEwSx5zxV0YzUtTLESg4e7YyorqTw64tdalMtgTi31GU8oOyTH1HQP3HXnkrLeP4gc2mhS+XZg4uNSjweO6RHoWP97ovuaikgHi9SNQj2aERgWsi4a+95AekfovVup44JFajwgoGlQ7tDA+eyiXmz/2ogP4PVO3UdxXZqcBtzILazVYs/LhQWO4ke5PJ+pqp9ok9R/3yKtzOt1aK0DBlbDA56isdrxY9WFhcI0MjrmF3I2TeoU56j0OD36Vz1FLm0Omk4cupd+0Seo/75FOjnkL4JHQ/wAI9KguSlnbSXF1LHFDGMu7sAAKTTHkvLZbk28lurhtqTYDY5wSM8Z64PI7gVEVO6uXJw5XaxBf2S6lNbteO7wwMX+zYXy5H42s4xltuCQCduTkgkKVu+fJ6j/vkVS1C9XS3gN2jLbysVa5yPLhPGN/OQDzzjHHJGRm75D4z8v/AH0K7fdOD3ylYWS6bNcNZu6QzsH+zYXy4353Mgxld2QSAduRkAEsW19xIHT7o7D0rI0+9XVHnNojNbxMFW5yPLmPOdnOSBxzjHPBODjQvppLGxNwLaW4WMLuSEAsF4yQM84HOByccA0e70H73Un3H2/IUbj7fkKZayR3trHc2kiTQyDKOjZBFVlv0l1Y6fbxvNJGMzumNkPHAY56n0GT36UaATXJ4TKqevVQagyP7kf/AHwP8Ks3MZGwHA4PU1B5Z/vL/wB9VSJe43I/uR/98D/CrFq5UOVCqeOigVD5Z/vL/wB9VPbRkhwMHp0NTP4Rw+JXOcSzn8L6xe6u81zqdreyF55Jz5k1iCc7Y8D/AFAz9wcqcn5gTts6hrcWt28mmaL9k1R7hCsruBLbQIeMyY+97ICC3qoywik1G417VZtFtDJp6Qs32mcuFllQMVxDg9yOX6qOBhjlIpfD9r4Ks5NR8NW1tYWkfz3dgu2OK4HTcvZZumG6NwrfwsnP7x0+6bXh/TX0PRYNNOpX+p+SH/0rUZhLPJli3zNgZxnA46ACqHiLRLnVruxv7a8k83TyzrYSv/ol2SQf3qgZJG3KN/C3OGxitTSbz+1NPW8jglgV2kQJMNrjazLyO3ToeR3weKoa/rjaI8MK2plluFPlu7hIYzuVcyNyVXLjnB6Y6kAnvB7ow+LoHh8qOKR9SJ8v+zSAJg/oewX/AG/u470eGtEn0Rryae+lke+cSNaK3+jWh5ysKkZUHOSf4jzgZwID4PeJzqsd0P8AhINvz6kyYVx18opniH0TOR1zv+arnh/W/wC3VlxaPA8G0OS4ZHJLDKMPvL8vDYGfrkA94PdJfEelSa/pMlguo3mn7nDedaOEY4Odp45U9CO4yMiqVr4ii0m1FlrCRafcW6BUiiX93OOgMI6n/d6j9a0Na1NNGsWu5IJZ1DhdkIBbk+hIzWNFoMXiaGLVdZkSWY/vLH7PICLH0ZG7yerfhjGcnvB7pLpulXdx4jPiK5muLAvGY106JwI5Aekk4/ik9MY2jjmr+rzussX3Dlf4kU9/cVT0vW5zqx0W/UT3UOQ15DgROAMjIz8r4PK8469DV/UrKa4eMxBSAuD8wHesqqnyOxvh3BVFcy/tMn92L/vyv+FH2mT+7F/35X/Cp/7Kuv7q/wDfYo/sq6/ur/32K4uWp5npc9Huixp8zNDMSI+GXpGo9fao7Owis7q5u8tPdXLEvPMqlguTtjXAAVFBwAB6scszMbFlYzwxSiQKNzLj5h7/AONQ2l4t1fXFk6Nb3UBJMMpALpnAkXBwyn1HQ8HB4rphGfKjiqSp87s0Ov7SDU7Rre8jVkJBBUbWRh0ZWHKsDyCCCKtWHmRpFFJKZ2SPa0rogZyB947QBk9eAB7Cq2o3MWl2vn3TdSFRE+Z5GPRVUckn0FW7NJTHHLNH5LMmWjZlJQkdDgkcexIrRRncylKFjG1TR7mPxCniG0kmvmhiEZ02ZwYlAzmSEYwsvOMngjjjrU8niqwmgVNOK315L8q2S4EgPcOD9wDuTUmpajctc/2dpAQ3bKGe4kGY7ZT/ABH+8euFB57kDJqgvg+xsJW1DRGjt9abmS/kAZrs9xMRjcp/DbxtxgCtbSMLxLfhnQZNDW5ea9lne8kErW+f9HtT/chXGVX155PPHSr/AIk0AeIdJNkt/dWB8xZPMtmxvx/A4/iQ9GXjI4yKZpepi/V1mha1uoWCzQOc7T7N0ZT2I/TpVnW9YTQ9P+1y281wu8LsgALdDzgkelXG63IlZ7Gfb69Z6ZbfZNYgj0+7gUKtvEMrOOgMI6sD6dR3qPStAmk8RSeIruSexaaIxjS4XAhI4xJMP4puMZGAB8vOMlkXh6LxHHDq+syrJeY8yxktXyLAHoYmxy395iPm6Y28VY0jX5pdVfRb+PzruAMHu4ABDJt29s5Vvm5TnB74wTRA3Vpmj1KRVWPAA6xqe3uKpfaZP7sX/flf8K0tTsJ59QeSNVKkDGWA7VU/sq6/ur/32K8upGpzu1z26UqXs43a2IPtMn92L/vyv+FTm6kWzjI8sZdv+WS+i+1H9lXX91f++xUraZcm1jTauQ7E/MO4X/Cko1NdynKjdaoq/bZv+mf/AH6X/Cj7bN/0z/79L/hUv9lXX91f++xR/ZV1/dX/AL7FK1TzK5qPkWNIuZJNQVX2Y2noijt7Co9T0W5tvEY8RWslxqBSMRtp0zgpGo6yQD+GQ9853DjirGl2E9vfLJIqhQD0YGo9V16cauND09Ps93NgLeTgGJARk7Rn5nwOFOPXoK7sPzKHvHl4txdT3ewl1r1tq9qbHRo4tQuLhCrxyrmOAHgmYdRj+51PTjqLvh3RD4f0dLBtRvdRKszedeyb35Odo44UdAOw4yay5tCh8LwzatojrFMP3l+Lh8C/9Wdu0no/4EYxjZ0bVU1nTxdxQTW6l2TZOoDcHuAeK6DkLuxf7o/Kjy0/uj8qPMT+8KPMT+8KeoB5af3R+VY1+22+kASM4x1jB7D2rZ8xP7wrLvbWWW7d0ClTjHzD0FVDfUiWxS8z/Yi/79L/AIUeZ/sRf9+l/wAKm+wz+i/99Cj7DP6L/wB9Ctbozsy5YyMLUbdq/MfuqB6VztlbS+D7y5uLi4uNRsryUySX1y3mT2xJyEY45iGflwPl75zkdHbQtFbhXwDuJ61zi37+K7ubTY91lZw5+1K7ATXAyRtTB4Q45bv0GOSMna5othdXY+M4Dp+m3DRWitl9Wt2AeJv+ndv7/wDt8ge/Sult1aGzjhaV5vKRV8yU7mbAxknuTXLzrH4GjjWwjVtIkO1NPixvgbr+6HdPVe3UdxXT28nn2iTAbRIisASMjIz2paFalX+zYW1Y6jMzzzBdkKyYKwDvsGOCepJye2cACrNxDFd28lvdRRzQyKVeN0BVgexFVTqcUerCwuFaGRxmB3xsm9Qpz1HocHv0qzdXENlayXF1KkUMYy7s2ABS90fvDNNtP7PtY7ZZ5p0RjsadgzKueF3YyQBwCcnjkk81p1maddG+to7gwS24c5VJgAxXPBIzxkc4PPPIBqXUdVh0t4DeJIltKSrXWB5cLcbQ5zkA5PzYwMckZGTToGvUvUUVR07VYdUadrNHe2jYKlzgeXMed2znJAx1xg54JwcICn4k0p9d0qbTl1K907eynz7GQRyDBBxnB4OMEdwSKo2OvQ6Rbrp2tG10uW3QKm3EcEyjoY89P9zqOnPU6et340mza8e3mnUOq7IQGc5IHAzz9OtYUfhy08YWsWo+JLe21CKT57S1JEkVqPUHvL6t2+6OhLVoIUWVx4i1yz1rzbnTLezbdD5J8uW9HpLx/qu4Q8k4OR0PWx/vEy4BP0rloNSudG1eLRL0vf8AmFfIuFYF0QnAE3PUdm/i9MjnqolKpg9aTtYFc5XT9O/4QuadruafUbG6kLvqN03mTwEnhZGxzGOikAbRwfWjWLVPG0JsdMme2so2y2r2rBZUYdrduzdi/IAyMHPD478+MZ5bAK9np8Q/0qKQgTXIP8IweIz3b+LoMDOW3EkfgRI47KLzdIkBWGwix5lswBOIh3j9V/g69DhVYq7Ok8oQWqIpL7QF3PyWwOp96z102H+131GZnnn27IvMwVt1wMhABxkjJJyTwM4CgaTP51sjgbdwDYJ6ZFZn9pxLq506dWglYboGkxtnGMnYc9R3Bwe+Mc01YWpZuYIby1ktruGOeCVSskciBlYHsQajsbY6fYLbi4muBEG2SXDB328lVLYy2BhctliBlixyS+7uYLG0kubyZIYYxl3ZsAU2xne+sVna3ltjIrFYpwA4HOCRnjIwcHkZwQDkUny2Gr31G/aJPUf98ij7RJ6j/vkVRv7xdNmgF2jJBMSpucjy424wGOcjPY9OMEjIzdMDgEkqAOpLCuP3ju9wX7RJ6j/vkUalZjUrT7NLNLFGxBk8khTIvdScZAPfGD71S067Gp+a9qjG3RtqXBICTHvt5yQPXoe2aualfLp1qZ2ikmVCN6wgMyr3bHUge2T7VtS0b5jCtZpcpYhjjt4Uht40iijG1ERAAo9AKqrpkMerHUIGeGR12zJHgJP6FhjqOxGD2ORxU1vdW91bpPbTxyxSDKurAgiqyavbzaq1jb7pmjBM0qEbIj2UnP3j6DOO+K3vE57SL04aS3ZEkaFnUgSIqlkPqMgjI9wR7VX0+wt9LtBb2iYXJZmY7nkY9WZjyzHuTU00vl25dB5rKpKorAFz6DJA/Oq2napa6nbebbyYKnbJG/yvG3dWHY0XiFpBfaZDe3Fvc7ngurdgY54cB9uRuQ5BBRgMEEHsRhgCNKBuucDp7VlXmr29pdwWi7ri6nYbYYiCypnl2ycKo9T16DJ4rUtyrbsEHp0NF49AtLqT0UUUgCiiigAooooAKKKKACiiigAooooAKKKKAOMvY7qT4jT/AGSwsr0jT0yt3MYwvzdsRvn9Koaff3GnxXdt5KW10usIs0SkSRKr8jYSB29ga0dXilu/GkkGm2W67W0VpJzqktqCm7hcJG2eaXTl0+bTTHPZJbTw6gqz+ddsQ8w6MJNuXPoCB+FEen9faCXX+ugs+qardxa1f2l99kj0x2SO2MKMsmwZJckZ59iMe9Zceu3I1a8mtAILjUpLSIOV3CHdECTg9enGa39UtPDZ1SRNQu1gnuNvnQC5KLL6b1BwfxqJo9Fn1HWre8tkghhWEyzmYgHCAqR/dxx0NJf1+v3j7/16GdrurX2mtfaNdyx6kJYoDDNcxL8hkk8s7woAIB5HAqlew3fhHUJ7exuopYJtJubn57aMOJI1GMkKAV56Y9c5rdax0a50LUn0u4tbx5EAnmvZ2kBC8gM2dyj0Pbrg1hWNppt5fXV3fX1g8i6dNALcanJPvjIG5mkZAUUDA4U4yTk9KP8Ag/k7At1/XVG9Ff6hqmtQaZBetYxx6dHdyywxoXkZyVAG4EBRtJ6dx0qLVdS1O2uBp41OaS5gtBIx0+yBeSQkgM4cMiLx6jJzyAKuajBoUSWNxf3YsZlh8uGWG5ZGZMA7QwwWXvVe6sfC1tDb3E16IIprcRhlu2UXEQyfmwfmHzHk+ppy6/P9RR/y/Q57VtRl1jStMv7pVEtzoV27hRgZIjzin6fLLbeDv+EbiYrLP5awc8rDKgZm/DEn5CtDVotG0e2tbSCxa6t00y6eEi6YAR/KSgPPByMHtipNPutHuPDkHiuTT2guLKzaAQmUsUAGNme5Ixg470aa/wBdX/wwK9o/12KGiajNZ+F9HsLO6mgzDK+yzt/OmOHIGAVKqvqTSQahf61/wjd5dXc0Ev2mZJFjSP5toPJGCM8Y4OPSr2lpoFx4Z0zUrwNpGY3REF4wYAsdylhjcMilnTwvpbaNaW7sI57lprV4rkgRkjkg56Hpinrza9xaW0/rQrWviXWb21/tG1+3SubgqtimnkwmMNtP7zbndjnO7HtU9zquqtp2uXzXpCWl15MNuYYyoG5fvZUknk960DZ+Gv7VNst9smabebRLtghfr9wHGfalvD4fS11GxSe2Z5pfNuIpLkoA24ZywBK844xS/r8iupn+IfEF/bfbmsLuYPZW6yLDa2wdd23cfNZ1wo9gQce9ZniO+muLgXH3Dc6baiXYcYV58N+hNdFq9h4ZW4k/tW6WBruNRND9pZUlGMDcoOD9TVPUX0XSLma1uLKSeGPS0QN5xYyIZCqxgHvn+LPf2o6/12Yun9d0Ra3YTJr32Dw+Etpr3RrhMJhV3AqEY+/zEZqBJPs+reFYtN0q4091maC582Ly8r5LErn+Plc5GQMdeRV3TnttMubuDWtPaG5exaYN9sa68yBfvIGZVIIz93GORyaj8OTxJqumNdafIn262ZtPlfUGumjQAEqysBsJXH3Sw4xn1a3/AK7v/hhPb+uyO1bdj5QCfc4puZP7q/8AfX/1qeSB1OKTcvqPzpDI2Mm9PlXqf4vb6U7Mn91f++v/AK1I7DzE5HU9/an7l9R+dADcyf3V/wC+v/rU2UyeWcqv/fX/ANapNy+o/OmSsPLPI7d6AFzJ/dX/AL6/+tRmT+6v/fX/ANanbl9R+dG5fUfnQA3Mn91f++v/AK1NiMnlLhVxj+9/9apNy+o/OmRMPJTkdB3oAXMn91f++v8A61GZP7q/99f/AFqduX1H50bl9R+dAEYMnnN8q5wP4vr7U7Mn91f++v8A61IGHnNyOg7/AFp+5fUfnQA3Mn91f++v/rU1jJ5ifKvf+L/61Sbl9R+dMZh5icjv3oAXMn91f++v/rUZk/ur/wB9f/Wp25fUfnRuX1H50ARyGTZyq9R/F7/SnZk/ur/31/8AWpJWHl9R1Hf3p+5fUfnQA3Mn91f++v8A61GZP7q/99f/AFqduX1H50bl9R+dAEcRk8lMKuNo/i/+tTsyf3V/76/+tSRMPJTkfdHen7l9R+dADcyf3V/76/8ArU1DJl8Kv3v73/1qk3L6j86ZGwy/I+960ALmT+6v/fX/ANajMn91f++v/rU7cvqPzrk5tev0nkVZVwrED5B61jVrRpW5joo4edZvl6HUMZPNT5V7/wAX/wBanZk/ur/31/8AWrkv7f1DIPmrkf7Ao/4SDUP+eq/98CsfrlPzOj+z63dGnqeftzZ64H8qqVlatrt7FegK0ZzEjHMYPJUGqP8AwkN/6xf9+l/wriqYinzs9KlhavItjo6r6n/x62/++/8AJaxP+Ehv/WL/AL9L/hTr3XLz+y7WQ+SWaaVTmJTwAnt7ms3XpuL/AK6mscNUjOO39Jk9FZH9v3npB/34X/Cj+37z0g/78L/hXP7WB1+xqdl95vwf8edz/ur/AOhVXqnba3dtp965EOUVMfuV/vD2qp/b956Qf9+F/wAKqVWFkRGjUu9Ov6I16u6N/wAhi3/3v6Vzf9v3npB/34X/AArQ0LWrubW7aNxCAWP3YlB6HvinSqwdSKXdE1qVRUpN9mek0Vif2lc/3x/3yKP7Suf74/75FfS8jPj+dG3WZef8fT/h/Kq/9pXP98f98isvXLm6uPNtkuXtxIiZkhADgEAnBxxnkZHIzxg4NTKjKasi4Vowd2Yeq/2h/ak//CFfe3/8TTGPLx38rPy/acdM/Jj7/wDBXQaF/Z/9lp/ZOfJ3Hfvz5m/+Lfu+bfnrnmqlrdvZWsdtaRwwwxjaiLGAAKg3SLqw1CF/JlZdsyoi7ZhjjcMdR2PXtnHFR9Vn3NFi4djtLH/j3/4EawfE/m/bI/8AhHNn/CR7P3O7PlbP+njH/LP/AMez93mtTSZJL3SpPMcozMyh0ABXjqPesjRof+EOJsdVne5huHymsXBzJK/92c9A391uFI4wCPmpRcdGQ5KT5kWfC/lfv/tm7+3OPt3nfez/ALH/AEy/u44x15zW7P8A6v8AGuYv7R/F99BJp082n2lnJuGp252yzkHmOMkf6s9GY9eg9Rv6pM8FlvjIDbgORmi19BXtqY/iT7D9hj+2eb9o3/6J9mx5/m9vLz39c8Y68Vg6X/bf9pQf8LE+xbt//Ev+w7vs27t5m7nzvT+HH3ec1fgDxalNfvIZrmT5VeRQfLT+4oxwP1PerFzdPeWslvdLHLDIu10dAQRR7CQ/bxOgT734H+VRTGIW8n2jZ5O0+Z5mNu3HOc9sVj6RNcWkUdqbmSdEVtrSgFsYJAJxzjpk8+uaj1CI6o0C3bl7eJt7W+BslbjbvGMkDrjpnkg4GIlJUdJGkIOvrHoYBF1uwBN/wg2OQM+fn+f2PH/A8/8ATGu7gMRgj+z7PJ2jy/Lxt244xjtiqH2+f1X/AL5FUtOiOmSTLaSFbeVt622BsibncU4yAc5x0zyAMnM/WIGn1Sp5HQt99vrSVnzX0y3EigrgMQPlHrTPt8/qv/fIrB1I3NlRnY06tRf6tawvt8/qv/fIq+WkuNOMYlaJpYyvmR4DKTxke4rWlJSdkY1qcoRuzG8TfaPty/8ACLeX/wAJHs+TzM+Rs/6eMc7PTHzZ6d6teF/s+yfzvM/tjI+3+fjzN3tjjZ/dxxis3RmbwiP7P1Sdpopm3R6tMRunb0mboH9D0I6YPFNu4ZvFmpW11YzzafaWcgZL+DCy3WDkxrkf6o45J+92wOT0WOW52dYvib7F9ji+0+d9t3/6D9kx9o83H/LPPH13fLj73Ga1YXZydxrm/sMvhnXLvWLqafUrO7YmWaY7pdOXOQqADmD1A+ZTydwJKIZH4c+3f2qv/Ca+R/wkGxvs/wBnz9l8vv5Ged2Mb93zZ/2NtdY/+rb6Gua1mVPFMbaRpDq4yGm1JDkWXcGMjrN02joudzZ4R9q2tn07Q4rZrma7e2twhuLghpJSq43MQACTjJ4pPYa1ZS1f7B/ZNx/bHl/Y9v73zemP8fTvmuNX+3zJ/wAVH/yKX/LL7323b2+1dvL6/d+bG3zP46354jdapDeXMhl+zj9zCwHlxvzmTGOWxxk5x2xk5um+mIwSpH+6K5faxO72EzQh8sxR+Rt8raNmz7uO2Mdqryf6xvqay9MiOmPJHayMLeRwy25AKRHvt4yAfTp6YyaueIdGbXNLksob+4052cN59qQG4OdpyOVPQj07itqVSOpz1qMla5yOofb/AO0Zv+EQ3fYt5/tPZj8fs+ePN9f4cf7WK6XRv7P/ALKi/snb9m5xjOc992ed2eueaistYstKszZatDBps9omPLRf3cq9A0Xdgf7v3geDnqWaXo9xceIG1+cy6ckiFV01CAsoPSSYf89PQDoODk9NvaIw9kzak6r/ALorlfEX2n7eP+EV8r/hINgz5ufs/l/9PGOcf3cfNnpxurqNRjM9vLbpI0BkiKCWLAePIxuU+o6iub0d/wDhFVGm6o6ukjZi1SXGbk9/ObtJ79GHIxyon20divYS3LHhv7N5M2fN/tPcPt32nHnb8d8cbf7u35cdOK6SD/U/8CP9K5Ce3k8U6paX1nJJp9pZSKyXkACy3oDZKcj/AFBxznlu2AMt2ED5h6L949vpUyqxkrFRoyi+ZmP4m+x/ZoPN87+0N5+wfZMfaPNx/BnjGPvbvkxndxms/wAO/bP7TH/CY+T/AMJFsPl+Rn7L5ff7Pu59N+758/7Gyt600yG1vri9ZmnurgkGaXBKJnKxrjhVHoOp5OSc0/UdPt9UtPIul4DB0dDteNh0ZWHII9azNNS7D/rRUWtf2d/ZM/8AbOz7Jj59/wCmO+c9Mc5pbYPFDGkkpmdEAaVlALkDqQABk+wAqrLYJcarHfXMjzGEfuIWx5cTd3Axy3bJzjtjJrWC0Mp7nOWP9of2hF/wmPmf2TvH9l+b1z2+1f8ATT+72x97567qqU4W5geG4RZIpF2ujKCGHpUOm2zadarbJcSzRq37vzSGKL2XPUge+TV2M7ksuzY/m7dmDu3dMd81wcn9v+cf+EW2/wDCL5Pn53fasfxfZO2z/e567P4a6TxNoc+txwG3vZIGtnMn2Yn9xdf7EwAyV+nQ889KWHxPp8dm5vitjcQYWWzcAyK3YKB98HsVznisDpLejf2f/ZMP9j7PsmPk2frnvnPXPNX26j6Cuc0jSbp9fl164eWwWdCo0yMjY2cYkl9ZcDscAHHzda09RuLgNLDBL5JZMLIqKShI6jII49xihTUNWHs5VNEYfiL7Z/aR/wCEO8j/AISHYPM8/P2Xy+32jbz67Nvz5/2N9aHhn7J9mn8vzv7Q3j7f9r2/aPMx/HjjGPu7fkx93im6co0u18i1AwWLO7jc8jHqzMeST6mmXcRur63vVkMF1bnAmiABdM5aNsjDKfQ9DyMEZo+sQH9UqeR08H+rP1rH8UfZfJg/1v8Aam4/YPs2PO347Z42/wB7d8uOvFXbO5kkttzEZ3kcD2Fc7BBP4V1a71C9nm1GzvZGZ7yfDS2QLZEfA/1AzxjlT1yCSmyfMro55RcHysn8Nfav7RP/AAl3lf8ACR7Djyc/ZvL/AOnfPOOm7PzZ68ba6eb/AFZrk9ZlPixTpmlTFEjYNLqkRGbZu3kt3l9+ijk54U9LYRtFZxW8s0lwYo1QyykF3IGNzEdz1NOxJna1/Z/9ky/2vt+zcZznOe23HO7PTHNcxp/9of2jD/wmO77DvH9l+Zj8PtGOPO9P4cf7Wa3dV0S4t/EK+IIGn1GONAjaY7ArEB1khH/PT1BPI4GD1kvtYstVsxZaRDDqdxdpjynH7uJehaXuoH937xPA9Q7hY11+8PrUc3liKTz9vlbTv3/dx3zntUPh/RG0PSEsptQutSdWZvPuiC3JztGBwo6Aenc1T1KzXU2iS6kY28b7ntwAElPbfxkgemcHvnAprUT0OWYXfmEQib/hCv8AlpjPnZ/2e/2X1/i9P3ddzbGA2sX2TZ5GweX5eNu3HGMdqjE7gADaAOgCiqVhZrpks5tHZIJm3i2wPLjbncVGOM55HTIyAMnLsK6OhT/Vr9BXF6v/AGl/a0//AAguM+Z/xN+mz38nPy/asdM/Jj/WfwVf1m7u5kls4buS2V1QF4QA4BAJAOOMjIyORngg4NQ2l9LYWkdrZiOGCJdqRogAArjliIRbTO+ODqSipK2ps+H/AOzf7IT+x8+RuO/fnzPMz83mbvm3567uc1cuOq1yfmzpq/8AaMEzQzOu2ZUUbZxjjcMdR2I57ZxxW3b3s01qryEFtxGdo9qunWjOVkZ1cNOlHmkXKKr/AGh/9n/vkUfaH/2f++RXTY5Losj7jVm67/Z39kyf2vj7PkYxndv/AIdmOd2emOatid/Lc8cY7VnmzWTVhqE7tNIi7YUcDZD6lRjqfU5PbpWUqii7M1hTc1dGBpn9of2nD/wmmfJ3/wDEr3Y2+3n44+0f+O4+7zurtl6/gf5VQuQl5ayW91FHLDIu10ZQQRS6RE9pHFatcSXCrkK82C23nAJxzgcZPJ7k1PtovQv2MlqWZzELeT7Ts8nafM8zG3bjnOeMYrhMXe7BE3/CDY6HPn/4/Y//AB/P/TGur8TeHJtYa0uLS6ZWsiz/AGCVsWt6TghZsAnA2/KwztJyVcDaXf8ACTaf9k/1E32/f5P9l7V+0ebjOzbnHTnfnZt+bdt5pcjDnRegMRt4/s2zydo8vy8bduOMY4xir6f6tfoKwPDPhybR2u7i7umZr0q/2CJs2tkRklYcgHB3fMxxuIyFQHaLOrLLdQy2iXMtujYDNCQG29wDjjI4yOeeCKqMXcic00c/qn9o/wBqT/8ACEf6jzP+Jttxt9/s+fl+0fX5cfe52102g/2d/ZEf9j/8e+TnOd+/Pzb887s9c85qG1b7Fax21oiQwxrtREUAAVWW28vVzqFvK8Mki7Z0QDZNxwWGOo9Rg9ulacrM+ZGlf/fT6VUp11cybYydpJz1UVX+1Seif98irSdiG1cmq5p/3n+grN+1Seif98irdjO7eZnaMY6DFEtFccdXYh8TfYvscX2jz/tu/wD0H7Jj7R5uP+WeePru+XGd3Gaw9H/tr+1bf/hZH2H7Xv8A+Jd/Z+/7Hux338+f16/LjGznfUgtrjw1rd3rF1PPqVnduxkmm+eXT1JyFQAf6j1A5U8ncCSlrVtXj1e3fSdLS21Oa5T95v8Angt0J/1khB9jtQEMxHVQGdcOZG/IzqKiuTALWX7X5fkbD5nmY27cc5z2xWZoNjNo+jwWE2pXmpvCHzdXrBpZMsW+YgAcZwOOgFZ/iTRrzVprS7tbtmNkWf8As6VsWt4cggS4BORj5W52k5KsOCuZByMx1F35gFwJf+EH/wCWYOfOz23d/svp/F6/u672LyzCnkbfK2jZs+7jHGMdq55vFts9piOOV75m8r+zSqifzMcoRnAHfdnbjnJHNJ4Z0a60VbmS5vnkN2wf7Ghzb2fXKQgjOOeSep5wvQPmQcjNpvvH61w+of2h/aM3/CG7vsO8/wBqbP1+zZ4831/hx/tYrrvEGiNrmkPZQ6hc6c7MrefakBjg52nPVT0I4yO4qlY6xZaVZGy1eGHTLi0THlIP3cq9A0Xdgf7v3geD2J0uZ2J9F/s/+yYv7I2/ZucYznPfdnndnrnnNaB+6tYmlaJcXHiFvEE7z6dHKhVdMQgLID0kmH/PT0AxgcHJqzrt/PZXESW5VVZMnKg96xrTUYXZtQpyqT5UaNFcz/bl9/fX/vgUf25ff31/74FcX1mB6P1Kr5HTj7h+o/rWH4m+yfZoPM87+0N5+wfZNv2jzMfwZ4xj7275Mfe4p1jql1NbzNIykqyAfIO4b/CoLSI2t9cXrSGe6uDgzSgEomcrGuBhVHoOp5OSc10wxEOVHLPCVOZrQqeHftn9pD/hMfI/4SLYfL+z5+zeX3+z7ufTfu+fOf4NldU33G/3TWHqKjVLXyLoDAYMjoNrxsOjKw5BHqKu6fcTkxwzy+cQmGdkUFyB1OABz7DFWsRBuxnLCzSuPoqtqUV9aXQ1DTlN0gULPYkj51H8UZPAcZ6HhuhxwRHL4k05rWNtP23tzN8sNpHgSM3owP3Mdy2MYNbe1Rz+yZfT/WL9RWvWJpVncwK0upTie6mYM6oMRRf7KD0HqeT1PoG+ItMn1zS2sodSudPO8N5luR8wH8DDuh6EAgkdxRzKWwuVx3MK+/tD+0Jf+EO3/wBkbz/anlfez3+ydt/97tj7vz11mjf2f/ZEH9j7Psm35Nn6575z1zzmsaz8R2+m2RtNVjj024tUCm3QZWQdAYsDLg9gBnPBGai0jTL1tfl1+eaawW4QqNLjYeWc4xLKOcy4HY4AOPmxuJYLnRzf600ysXVdVurfUHjidQoVTygPYVT/ALcvv76/98CuCeIhGTTPUp4SpKCkranTUv8AAPqa5j+3L7++v/fAq3Hqt01kjll3GRgfkHQBf8aSxEGOWEqLsbdFYf8Aat1/eX/vgUf2rdf3l/74FHt4C+q1PI34f9aKg1z+zv7Jl/tnb9l4znOc9tuOd2emOc1T0u/nuL5Y5GUqQeigVX1XSLq38Qr4ggefUY4kCtprsCsQHWSEf89PUHqOAQevVSkpRujjr03TlZmXpv8AaP8AaUP/AAmm77D5g/srf0/2ftPbzvT+H/gWa7iufvtbtNWsvsOkxxalPdpjynB8uJTwWl7qB/d+8SMDHUXfD+kSaHpCWU2pXWpMrM3n3TAtyc7RgcKOgHp3NamBOepoqBrh9x6dfQUn2h/9n/vkVpYi6LFK/wB78B/Kq32h/wDZ/wC+RVS81C4iuiiMoAVf4R/dFNRbYnJI06Kxv7Uuv7y/98Cj+1Lr+8v/AHwKfIxc6No/dH1NYHibyNkHkeZ/a+T9h8jHmbu+c8bP72eMVuaXK1zZl5sFt5HTFYFnp58I6hcXOoTTajZ3khZtQuCGmtcnIjbA/wBVzwR93vkHIh6Oxa1VyHw35/25v+En8v8A4SLZ8/l58nZ/0wzzs9c/Nnr2rqB901z+swJ4u/4l2kyGGKFsyavARugb+7Ce7+p+6B6niuiSD7NZRxb2lKKqmSTlnwMZPual6qxS0dzL13+zv7Jk/tfH2fIxjO7f/Dsxzuz0xzXN6X/aP9pwf8JrnyvM/wCJVnG328/HH2j6fL/d53V1B0yKTVhqFwzTSIu2BHxsh9Sox1PcnJ7dKs3VvDe2sltdRJLDIu10Zcgis/Zs09oiVfvr9annMIt5Dc7PJ2HzPMxt245znjGKoadamxtY7czy3AQ4V5iCwXPAJxzgcZPPHJJqPUbBNUkgF5I728Tb2tuPLlbjaX4yQMZxnGTkg4GKjFomUkzlQLvdgib/AIQTHAOfPz/P7Hj/AIHn/pjXfQGI28f2bZ5O0eX5eNu3HGMcYxUPnP6/pVHTrBNLadbOR0t5W3rbceXE3O4pxkA5zjOM9AMnNWIua9cPqv8Abn9pz/8ACuPsW7f/AMTD7fu+zbu/l7efO9f4f73OK3/EGnT61pMljDqV1prOVP2i0YK4wQccg8HofY1R0vWodLtl0zVFttMntUwFU7YZUH8cZPY91PKng54YlguXvDX2D7DJ9i837Rv/ANL+0/6/ze/me/pjjHTitmuOS1ufEGvWutQyz6Za2xHlmL5ZL9fSQEcReg+8evA69dExZMnrRYZg+KPK/cfYt39uc/YfJxuz33548v8AvZ7dOcVD4Y837ZJ/wkez/hJNn7/b/qtn/TDPPlfX5s/e5qLT7N/B95NJqNxNqFpePk6ncENNASeI5CAB5fZWGMdD6l2sw/8ACYkWOlTvbQQPl9Yt2Akif+7Aehb+8xyoHGCT8qA6af8A1f41ia//AGd/ZL/2vnydw2bM+Z5n8Pl7fm356bea2WUxWyIWaQqAu5+S3HU+9Zg0yJtXOozs08qrtgWTG2AY52DHU9ycntnAAqXBt3LU0lY5jSf7R/ta3/4TfG7zP+JTjHl47edjj7Vjrj5P+ef8ddqvX8D/ACqG7toL60ktbyFJoJV2ujrkEU2xgexsVga4luTGrBZZyC5HOATjnAwMnk4ySTk0nBrUamnoOufIFrL9r2eRsPmeZjbtxznPbFcMou/MAuRN/wAIV/yz3Z87P+13+y+n8Xr+7xXT39mupTQG7dnghbebbA8uRuNpYYycdhnGeSDgYvG4cgg7SD1BUVjzo39nImi8swp5G3yto2bPu47Yx2qCf/XtVPTrQaX5yWrsLeRtyQEApEe+3jIB646emKs6/oP9v6ObSO/udOkZlfz7UgMcfwnPVT0I447ihLn0QX9m7s4rUP7Q/tCX/hEM/Yd5/tPZjr3+z9vN9f4cf7WK6bRvsH9lxf2Tt+zY429c98553Z655qSy1TT9KszZaxbwabcWiY8pB+7lXoGi7sD/AHfvA8H1MeleH5p/EDa/cedp0ciFV0yMjbID0kmHeT2HQcHJp+yYvbI0X/1cf0P865XxD9p/tD/ilPJ/4SDYM+dn7P5f/Txt5x124+bPT5d1drdwBomjjPlFkIV1UEoT3GQR+dU9O0u10y18m2jzuO6SR/meRj1Zj3Jp+xe4vbx2sYXhv7N5E3+u/tHcPt32nHnb8fxY42/3dvy46cV0+n5y+AD0zk/WqV5pFvd3dvdrut7qBhtmiADMmeUbIwVPoenUYPNaluFXdgAdOlVGk4u5MqylHlJ6KKK1MAooooAKKKKACiiigAooooAKKKKACiiigDiNYjsIvHklxrNrcSW7WSpG8UMrjdu5HyA/rVS20y5WzdrO3nTT5dWimtYZAdyp/E2DyAT2PNXdQtZLr4jTiLTLDUCLBMreyFAvzdR+7f8ApVLTr6XT4Lq0NtHb3EesIj2/EkUavyPLJA4x7CiPT+vtBLr/AF0Ld1bXFpD4gsJ9OurufUXZreSOAujhhhQXHC7f9oj2qi+ialHczs8Ek4tZbSSWNBu85UjAYL/eIPOPatibV9Vu49YvrK7S2i0x2RLdolYSlBklieRn2xWVHr1wur3s9oqxXGpSWkSsw3CItECTjvjFKPS3l/wBvr8/+CP1uwu9ZutQ1Gxsp47XyrdWinjMLXZSTcyhWwfu8c4z0qr4ilXVvED/AGHTrqN/7CvI90tuYmckLhQrAMcE9cY5471oa9q15YfbdGvzFqXmxQGCWaIDaZJNnzheODyOlUr+K88K6hcQQzw3MU2kXM5aWAF98YGAT3Tnp7nNLS3lr+TuNXv56fmjXhjm0rxFa6jeWlzNbSaVHbK8EDStDIrEsCqgkAgjnGPlwe1Vb/7VNqLtFp+oafbTWCpDHa2amSQlmzG7DIi7d1+8ckY40YtQ1DUtYg0y0ulsUi06O6llSJWZ2ckBQCMADaT07iotX1bUrOZbH+0Ge7itBIVsLEyPK5JALAgpGhx1Zhk55AFVPrfz/W5MNtPL9LHPjTr8+HNJheyuElg0W6gkR4yCr/IAPxxx61ettKvRcWdgLWQ6bcQw3k8uPlSSOPBQ+5Kpx7Gqmr6jJrGl6Zf3CqstzoV27qvTJEeafp001t4L/wCEdiYiaXy44DnlYZUDFvw/eflTd7vv/wAF/rqCtZf12Hafb6hbadpCyQXlvGtvMpmtbTzpQxc4Q8HaCO+PxpNHs72z0/Qxc2F7Eba+nEitEzsgYHaxxnI56jin6Jqcmn+E9HsrS6eDdDKwjtrVriZsOQAFClQvqzYoh1PUda/4Ru8uLmS2kNzMksaInzFAeSORnjscelLS/wDXcOn9diO10e6j046TqDawZftZcpbWUZRzv3BxMVwB9WBq/caZdJ4d8RJ9ll8ye+DplPmkXcvPv0qG38Wapd239oW322VjPtWwj0qVoygbb/rQmM45zuxU91q2qS6brd5JcIYrS68mK2aBSMbl5bIySM0f1+Q+v9eZW8Q2uo3J1i2W2vlNxbKkCWltkXPyfxykfLg9sjp3zUV9pN/qEcRhtZhJFpduwSRChLxy7ynOOcCtDxF4jvbIXn2C6cyWlusi29raGUE7dx812XYg9twOPfiszxHqE010LlSYmutNtVkKHG1Xnw3P0JoW+nf9HYXTX+tUaV6bzxBfy6ho8clv9k0yaCOS6jMWZ3wQMN2G3rjHPeq+iQ2/9taIdFtbi1khjcagblCoKlPugtwzb8H5MjAPtnSFla2PjezsrO3iS1u9Ol+0QKoCPtZArFehPzEe9R6LpdhqHjK+1SGytooNLc2doIoVXMmAZXOByQcKPTB9aa3Xz/N/qxPb+uyOvIB6gH60mxP7q/lStnHygH6nFJmT+6v/AH1/9akMayL5ifKOp7e1O2J/dX8qYxfenyr1P8Xt9KfmT+6v/fX/ANagA2J/dX8qbKiiM/KO3anZk/ur/wB9f/WpkpfyzlV/76/+tQA/Yn91fyo2J/dX8qMyf3V/76/+tRmT+6v/AH1/9agA2J/dX8qbEimFMqOg7U7Mn91f++v/AK1MiL+UuFXp/e/+tQA/Yn91fyo2J/dX8qMyf3V/76/+tRmT+6v/AH1/9agBoRfOb5R0Hb607Yn91fypgL+c3yrnA/i+vtT8yf3V/wC+v/rUAGxP7q/lTWRfMT5R37U7Mn91f++v/rUxi/mJ8q9/4v8A61AD9if3V/KjYn91fyozJ/dX/vr/AOtRmT+6v/fX/wBagBsqKI/ujqO3vTtif3V/KmSF9nKr1H8Xv9KfmT+6v/fX/wBagA2J/dX8qNif3V/KjMn91f8Avr/61GZP7q/99f8A1qAGxIphTKj7o7U4qgGSqj8KZEX8lMKuNo/i/wDrUSFvLO4AfQ5pPRDWrKcmq2cOrJp9wjQvMuYJXUeXMecqpz94AZwcZHTODiy8lvbxSyzvHHGuWLMQABjrWbrCWD6VP/a5RbRV3OznG3HIIPYg9Mc5rlbF7+e+gj8XB10p2H9m+aMNKf4RdDoHPVR0P8Xz8VHOzTkR22m6hb6nai5gheOJmIjaVAvmL2cDrtPbOCeuMYrkdWhn06UTXUDLbySlTOGUpHk8FucgHpnGPXFdgPvD602VUdHWUKyMCGDDII75rGrBVUuY6KNSVFvl6nNDRb4gERKQehEi/wCNUrOC4v7q4itIGkS3Ox5w6+WX7qDnkjvjgdM5yKqyTXiSOunvL/wh6ttmnjJMq+vldzAOhbqP4flya7i0jt4rOJLFY1t1QCMRY27e2Mdqx+rQ8zp+vVey/r5nH6/o+pJuuorKS4SOFNyQsrOcAA4XOTjk4HJxwCcCqdpoV/fWsdzZxxzQSruSRJ0IYfnXobdR9BXGaw2owatOngdRJcZ36nGceUmefkz8v2kjkKcKeshXKk08vpS1bf8AXyIjmleK5Ulp6/5mS2lX41ZNNjtTNcbPMkEciEQJzhnO7AyRgDqeSBhWIv3fhnVpNLtoktgzxyysw81OhCY7+xrpfD407+yVfSXaSORy0skmfNaTo3mbvmDgjBDYIxjAxitU/cH1P9KmWX0lF6v+vkXHNK8pLRfj/meWadompanHIYLQpJC/lzQySorxP/dYbvxBHBBBBIINO1DQtR0y18+7twFLBUVZUZpGPRVUHJJ9BXWeJt8d1A+h4/4SF122yfwSIDz5+OkQzyeozhcsQDF4d+0y6mx8ViIeIY0JWOIk26x9N1vnkjsxPzA8HAK5x/s+l3f9fI3/ALUr9l+P+ZlWfhnWBpl0sln5ckyJtRpoyQdwJBwxHH1rLfRNSi1RLCe0MUsq7oWeVAsvqFO7qPQ4PevUx91qz9aXT20mU6uVW2Ubi5OCpHQrjndnpjnNN4Gk7b/18iVmddNuy/r5nCTeF9VtoHmuII44o1LO7zxgKPUndVnwvo2pS3lrqDWTw22WIaV1BK4IDbc5wfcZq1pzahPqEEfjFWSxZgdNEgA8w9hcDoJe4X7v/Asiu3Hf6GnDA0oyTTf9fIVTMq04OLS1X9dTn7+5XTWhN2pWGV9hnDKUjbsHOcjPQHGM8EjIzcFrIemz/vsf41JKkckLpMqtGykOrjII7g+1cO012rEW8kv/AAhwba9wpPnD12nr9m7F/vdx+7+avauz5+yOosrpdRuLhLRTJFbtsNxuXy3fncqnOWK45IGMnGchgG61Z3sMcl7FZTXMaIhK2+GcgABiFzlscnAyTjgE4B0bdIYraNLVUWBVAjWMAKFxxjHatqD/AI94/wDdFHO46j5VLQ4+1025vbWK5tFjnglUPHJHKpVge4OagNvcnVhp0Vs804TfL5bKVgXnBc54yRgDknk4wCRJq7ajBq1zH4GXzGDb9VQY8uPPJ8rPy/aiDkKcJjmQruQt0fh9dNGkI+jsZIZGLPI+fMeToxk3fNvyMENggjBAxil7WQeyiGlRnTtOZb0rCQxY7mHTA5rKmSLxnC8d6AmgONvkvw1+PVh/DF6Dq3XgY3beofeT6GqdTbm1Kvy6FSC5/wCEXaK1mk87RjiOCYHLWfYI/qnYN26Hjka2pL9qsykBV23A43CqlT23R/wotbUL30Oety8+oT2LRNDcw8+XKygunZ15wy/y6HBqzcWktpbyXFyY4oY1LO7yqAoHcnNS+JBZLYJLdmVblH/0RrcAzmU9FjHcnuDxjrwMjD006zNqkEfxBSzjYtmwSzZjbu45xIW/5bDqB93uuSDi+dk8iNjR457yKO7FtLDG4bYJsKxGCA23OQD1wcHnkCmX8p02S3+2RskM7+X9oyvlxucbVc5yu7OASMZGCQSoPQp978D/ACqKZIpbeSO4VHhZSsiyAFSpHIIPbFYVKaqO8joo1ZUU1EofYLj+4P8Avsf41S0+Y6lNOLOJnhgfZ9oyvlyOCdyoc5bbjBOMZOASQwGAZ7rPEs3/AAhGdpugx87656/Y+3mfe7/6n567uBIooI47dUSFVCxrGAFCgcAAdsVl9XgbfW6nZGXqomso57s20s8avllgwzBc8ttzk4HOBk8cAnii3ga7t47i2aOWGRQyOkikMD3BzWy332+tcTqbahBqdwngtS8Ktu1RVxtjJ5PkZ4889dv3cctglcv6vAFiprSyNXzS2rf2fDE00yrvmZCpWEdtxzwT2Aye+Mc1ttutdNMsiZEMRZgGUZxk9SQPzOKp6GunDSY20hg9u5LFznc7fxF887s8HPIIxxituP8A1a/SqjSVN3RnUrSqKzONiiTx9ayrdw40QHY9lIRvuG6nzQD8qjsucnqeMU976Twlc2+nXW67s58JaFHXzYeQNrgkZQZGH/A84zZ8S+fFqEbeGBGfEUi/Kj58lox3uMchB2I+bPAzzVnwv5Ekc8s5kOsZC34nAEiN/dA6BO644I5rS5jY2YlMeS/A+tc8+uPr2qz6NpsjWK25YXdwzr5jKGK4hAJ67Tl/4emN+dnRz/6v8a53xKLNbKOWczLeq+LE2oBnaUjhUB4OcchvlwMtgAkPcNiD7LaeAbWNtHRE0QyBJNPQ/NEztjfCOrEsfmj6tklfm+V9+1vo9V0SK7t1KrdW4kRGZSQGXIBKkqevUEj3rlfD5vZdWH/CYiFddjQtbxwkm28voWgJ5Lc4fPzAnH3CpbrU+9+B/lSa0GnZnPTSm31SKxuImiadcwSsV8uVucoDnhgBnBxkdM4bFz7DcDqq/wDfY/xqfVksH0qf+1zEtmq7pWlbaqgc7s9iOoPY1xqza8xX/hIsxeFGOEmO5b3b/CbofwRnuR8wBXzAvz44vZRO/wBvM6DTZjqUsrWkTtBC+wXBKiOVh94Ic5OMYJxjPAJIONXUtRt9NtnuLliQG2qkY3O7E4CqB1JPap4UjjijSBVWJVARUGFA7AY7VWk/1r/7xp2UFoJydR6mNJ4d/t54r/xCwju4W8yyiikH+gHswb+KTHU9Ow45N7TtSnju/wCzNY2C7ALRTpxHdIP4h/dYd1/EZFWaKOcPZkmoboLWa72b44YjIcOoyAMnliB27kD3rmY7AePLWX7dADooYxmxkYb52HUyjPygHonXuewHcW//AB7R/SuZ8SfaotSU+ExEfEMiAtHKSLdoxxuuCOQOykfMTwAQGxsqaepzurJaFFrq58MX1tpd8GvLe4KrZyK6ebGNyrtkBI+Ubhh+/wB0/Nt39Sq/Z4gJiqEsSMsOelUPC/2Z7eeYmU6qWC6h9pAEySD+EgcBRn5dvykEEZBybWs9If8AgX9KmcVCPMi6cnUkosl86L/nrH/30KPOi/56x/8AfQrGorn9q+x1/V13NuORGbCyITg8Bh6VUk1KGHVksLhXheVcwyvjy5jzlVOfvAc4OMjpnBxBYf8AH4v+6f5VLrCae+lTf2uUW0UbnZzjbjoQeoOemOc110Zc0bnDiIck7FyV0gheWZ0jjQbmZmAAHrUGm3q6lbC5iiljiZv3ZlAUyL2cDOcHtnB9ulchYvfz30Efi4SLpTsP7N84YMp/hF0Oznqq9D3+fiu4X7w+tbnOUNV1VNOVFjjNzdzsVgt0YAyN7noqjqWPQepwDjyeDLLUbqPVdadJtbiGYL2IgG0/2Ys9FGe+c8561uP/AKxvqabU+zRXtWVtN1OcXR03VxGl6qlo5UOI7lB/GvoRkblPIJ7ggmxeW8klyWTaQQP4x6UtPl+8v+6P5VMqMZKzLhiJQd0VPskvov8A32P8aPskvov/AH2P8asUVH1WHc0+u1OyLFlBItrggZ3k8MD2FYC6hN4ovrnS7HdZ29uzLeSM6ebIA7JtjAJwp2nL9vugbt2zp7D/AFB/3v6VleKPsyW8EwMo1UMV0/7MAZnkP8IB4KnHzbvlABJwBkaJcq5UYyk5vmZkvax+AbSIafCBom4RixjI3wMehiBPzAnqnXnI7g9Rp8wuLOG6ClEniWRQWU4BGeqkg/gSPesHw2bmXU2PiwRL4ijQlY4iTbiM8brfPJHZifmB4IAK56ab/V/jQ3oJLUwtT8Rt/bI0LTQsV9IARczlfKjUgkkAHLPxwpAz16CqraHD4XjuNW0SVBO377UFuZABekDlmY8K+OjdOx45F/Wl09tJlOrsqWyfMXJwVPYqRzuz0xzmuY05tQn1GCPxiGSyZgdMEgAEh7C4xwJe4X7uP9rIGfOzXkR2Wi63b65p4vLZJYkLsgWYKGyDjkAnH0OD7VR1K5/sySFruKRYJn2G4GDHExxtDnORknAOMZ4JBIzqL94fWrEqRyQuk6q0TKQ6uMqRjkHParhJmc4JGeLSYjIT/wAeFUrG5GpT3CWcTyRW7bDcDHlu+TuVTn5iuOSBjJxkkMBz7T3auRDJMPBAba9yCfOH+6ev2XsX+93H7v567u2jgitYo7RY0gVAI1jAChccYxxjFXzMjlRzut213brLeJZzXKRqhZYMM+AAGIXOTjk4GSccAnAMVrYz3trFc2gSeCVQ8ckcilWB7g5rrK4rV21KDVrlPAyiRg2/Voxjy488nyc/L9pIOdpwuOZCu5C3JLDQk22d0cZUjFRSWgpSc6uNNht3mnC75fLZSsC9i5zxkjAHJPJxgEjbt7K5hsdrQkupY7QwyenvipvD66aNIR9HcyQSMWeR8+Y8nRjJu+bfkYIbBBGCBjFadXToxpy5kRVxE6seWRg6bcDVLcyQI6OjbJYZcLJC/dWGeD+h6gkEGjUp10u2E1yrEswSOKPDPK56Ko7k1W8TeZFfRN4c2HxHIuIkOfKdB3nx0jHr97PC5JxTfDXny6hIfE/ljxFGnzRoT5Kxnvb55KHuT82eDjiujmZycqNVIZfsu6WMxFgDtdlyp9DgkZ+hpnln1X/vsVfvv+Pb8RWbXJVd5HbQVoaD/LPqv/fYqW2QrcKSVwM/xD0qvUlv/rx9D/Ks42ujWV+VkPiDxNDoTW8PkGe4ugRBmVUjDbkUeYxOUXMgy204xjlmRWqf8Iqv2v8Atr7cv/CSeXs/tHy/k2Zz5Hl5/wBTn+HOc/Nu3fNWvOkUtvJHcqjwspWRZACpUjkEHjGK4Tz7vdzLN/whG7b9pLHzvrnr9j7eZ97v/qfnrp52cnIjr/D/AImh11riHyDBcWoAnxKrxltzqfLYHLrmM4baM5xwyuqv1edrKKW78iWeNSCwhAZgvGW25yQBzgZPHAJ4qzAkUVvHHbKiQqoWNYwAoUDgADjGKlbr+A/lTVRoTpplG323dvHcW0kcsMihkdHBDA9war/bUbVv7OhR5plXdM0ZUpAO2854J7AZPfGOa5/U21CDU7hPBa74VYtqirjbGTyfIzwZyOdv3cctglc9Joa6cNJjbSGD27ksXOdzN/EXzzuz1B5BGOMU/asXskSXdvP5AaOLzGUMdisoLewyQP1qhp0n9p23nWykFWKyRyEK8TDqrDPBFbp+6K5bxH50WoIfDPlnxDIvEbk+S0Y7z45CDsR82eBnmtoydjGUVctX0xsZoIGiaa4uG2xQQlS7Du3JACjqSSB26kA69lbSx+ZuUc4xhgax/DHkPHPLN5h1fIW+FwAJEb+7gcBO67eCOea6S36tSk21YIqzucwdUn1/VLjR9NL2It2YXdwzp5jKGK4hAJ6lTl/4emN+dkH/AAjlr4F0+a+8MWsFlZR5mvLHesccwxy6sxwsmBwSQrYCtjhl2vE4s1sYppzMt6j4sTaAG4aUj7sYPBzjkN8uASxABIxdJOsTavbxfEVbKO53btOSwZms5GHPJcAmcYyFPGOUyQ+3LlRtzs6DSL5dX09b23iljjdpECzAK42syHK5ypyv3Thh0YKQQKGv69/Ys1vbLbGa5uwRAWlVIg25VHmMTlVy4+bafQZYqrdJUVzHBLayx3axvAyESLIAVK45znjGKXIg52cv/wAIfJFdHWI7kf8ACQFNr3zJhHTOfKKZ4iz2zkdck81b8P66uvCdUtnhlttqzDzEdCxLA7GByy5U4bAB6dQwXBWe7ZwLiSX/AIQgttjuWY+cfTcev2XsH+8ep/d/NXexJHHCiQKqxKoCKgwoGOAMdqfKg52Uta1iHQtON5cxTSxh1TbCFLcnsCRn6Dn2rGXQI/FEdvq2tupnX99p4tpAwscjhlYcM+OrdOw45PU1w2otqMGo3EfgwM9irE6oIxnyz3Ft2Mvcr0/4EQDRBs6Z4gk/to6DqKebfRA5uYSvlSKACCRnKtg8rg469CDR4jsrq4kWW1gM/lxn5FdVLH0G4gZ+pxWjoi6cukQnR2V7VgWDgkliepYnndnrnnNWLj7w+lZVYKcbM2oVHTnzROJ0+1n1O1E9rHkZKujsFeNh1VlJyCPQ028guLO6t7UwNNc3DYjhidS20fec84CjuT7AZJANrxF9pi1NT4UER8QyIC0cpIt2j6brjHIHZSPmJ4GQGxc8MfZngmlJlOplgt/9qAEyOP4SBwFGfl2/KQcgkHJ5Pq0PM7/r1Xsv6+ZJYaXdx28yvEAWZCMOD03e/vUNm73d7c2fkvDdWzfPBMVDFCTtkXBIZGxwQfUHDBlHS2/8VZPij7IlpDM5mXUVcrp/2QA3DykfcQHgggfMG+QKCzEBSRtGhDlSOeeKqczehU1AHS7Q3N4NqZCqF+ZnY8BVUcsxPAA5NXdOtLrMU09s8BZMtG7KWQkfdO0kZHTgke9Z3hz7ZLqp/wCExEC+IokJijgJNsIuhe3Lcnrhy3zg8YCFC3V1aoRTuZyxM2rHL6rrc0esJoenxBL+ZVKTzsvlIDuycBtzMApwmBu9cBiK6eBrfTLmXVtGCwa1IMz3s3P2v1EuOoPtjHGOldFrKae+kz/2wY1tFG53c42Y6EHqCD0xzmuNjl8QPIg8VhY/C7tiGQFluiP4ftY6Ip/2eem/HNacqMednQeHtcTX45TFbSQvblVkDOjKWOfukH5l44bAB/MCbXdVj0GwN5dQyyx79m2HaW5BPRmHp/XoCRsRqiRKsQVY1UBQowAO2PanVUVy7EyfNucePDJ8RC31bWXU3ifvLBraQFbHI6o38TEdWIwemMVY0rW5pdYfQ7+IPfwBi88BXynACkHG7IYhhlMHb64Kls2/fUIL+ePweHbSUc/2n5Iy0R/iFqOhcdWXoP4fn+Wus0ZNPTSYP7HKNaMu5HQ53Z6knqST1zzmquTYxNb069e6mnt7Zp9sYKokiBnIXoNxAyenJA96zNPtZtTs1ubNAyElSGYKyMDgqyk5VgeCDyK7Ob/WmuR8Q/a4tV/4pAQt4gkQNLHMSLYxdA9wV5HTCEfOSMYKq5XllhKcnzNvU7oY+rCKiktCvdwXFre21n5DTXVyfkhidCwQH5pG5wqLnkn2AyxAOvHpd2tkiGMbhIxI3r0IX39qPDH2N7SaaIztqDOFv/tYAuFlA+44HAAz8oX5MEFSVYMd3+AfU0LB011Y5ZhVe6Ryll5l7c3FsIWhubdsSQSsoYL/AAuOSCp7EH1BwQQH6ij6Xa+fdrgEhURGDPIx6Kqg5JPoKteJ/s6QQyr5g1QMVsPswBmdz/CAeCvHzbvlAGTjGap+HftMupMfFQiHiGNSRHESYFjP8VvnkjsxPzA8HAK5f1SHdi+vVeyNbRrO5juYpp4DDlMlGdSykjodpIz9CRSan4gk/toaDpqCK+kAIuZyvlxqRkkDOWf0XAz16CteH/WCoNbTTm0mU6wypap8xckgoR0Kkc7s9Mc5rWFNU1ZHNUqyqy5pGM2gR+FornVtFdVmbM2oLcOAL0gcuzHhZMdG6djxyNnRdYh1zT/tltFNFHvZNswAbg45AJx9Dg+1cvpr6jPqVvH4zDJZMwOlhxgSH+EXPYTdwv3f+BZA7irMzA1G5/sySE3cUiwTPsNwMGOJjjaHOcjJOAcYzwSCRm59kmPRP1FaEyRyQSJcKjxMpDq4BUrjkEHtiuBafxApb/hG8y+ElOJJhua92fxG1HIeMdifmIDeWG+TNczJ5UdDDc/adVmsLaKSZrdf38qY8uJuMRk55cg5wM4HXG5cs1S0u1aaeG2a4KRgrFG6BnIUfKNxAycY5IHvWvpCWCaTbjRzE1kU3RNE25WB53Z7kk5J7mnzf600nUcdRqmpaM5mwQ6nZrdWWHjYkckKysDgqynBVgeCCAQeDUdyXtr63shE011OcrFEykqg6u2TgKPU+wGSQKi8QG9i1YjwaIW12RQ1xHMSLby+gacjkNxhMfMSP7gYrpeGRZNZSS25ma8Z8XpugBOsoH3ZAOBjPAHy4OVyCCV7eQ/YRNnSoZILMpKMNvJ6g1hx6ofF9xPp1rvs7KHK3hdl82bkjYgUnCHBy+fYc5I6WD/V/jWJ4o8iOOCW38waxkrYCDHmO3dSDwU7tngDmi99Qty6FKTyfh/axJZRBtDJ2JZRkeZbt1/dAkblPdeo6jjNdKkv2uyimjUgSorgEg4BGeoJH5Eiue8NefLqEjeJxGPEUa/NGhJhWM97fPJQ9yfmzwccV1FAGR9vRdX/ALOnjkhmZd8LSYCzjvsOeSO4OD3xgg1ZuXSztpLi6dIYYlLPI7AKoHUk0zXl006RI2sMEt0IYOM70f8AhKY5354GOSTjnOK5nSm1KfVLdPGylIiwbSlONshHI8/HAuAOdv3e65IbDuKx02nTtf2sd0LaeBHJKrOoViueG25yMjnBweeQDxUV/fpps1uLyORIZ28v7TgeXG5ICq5zldxOAcYyMEglQdao544ZbeSO5RHhdCsiyAFWUjkEHjGKLhYi8l/T9apWF+mpy3As45HggbZ9p48uRwSGVDnLbSME4xk4BJDAcoJ7rPMs3/CC52i6LHz/AK7uv2Pt5n3u/wDqf3ld9BHFFbxx2yIkKKFjWMAKqgcAAcYxRcLGVrepxaLYm8uY5JEVkQrDgtliBwCRnr0GSewNYLeG7LxpaQX/AIngt7yFsS2doJA8dsD0bcDhpMdSOB0Gep6yX/WmuI1I61Dqk8fw+SzkIbN+l6WFujHnEZX/AJbHqR93u2CRmhGnHrE2jatBoupMb1pyBbXKOm7aTjEoJGCOzD73pnr1URCx/MQOfWue8NixaweWzaV7h3/0trkYnEg6rIOxHYDjHTg5raP3FpAc9Fqi+NHnsYSbTToxtu1d182fP8ACkgRkdWz83QcZNNmng8AWsUdsok0QgpDaRsPMtiASBGCQGTjpn5ev3c7XeJ/Lj8iWy3DWzlbIRY3Oe4b/AKZ92J6DpzjMPhrzJbyVvEOweIY1xKgP7tEPQwZ6xn165GGwRiiw7nViQXNsjx/xANjIOMj24rPW/T+1202aOSCfbvh8zAW4XAyUIPOCcEHBHBxggnQt+rVT8QLpp0h31hjHDGwZJEz5iSdFMe35t+TgBckk4AOcUtg3JLqSOxtJbq8kSCCFS8kkjAKoHUk0yxlkv7Bbj7LPbCVW2x3ChHxyFJXOVyMHBwwBwwByBzmkNqU+r2yeOVEb7g+kpx5cmOR5uPl+1ADJUZTvGW2uV7Whu6GtHc56+uf7OuLdLyKSOK4bYLk48tHyAqsc5UtngkYyMZyVBum0mAyU/wDHhV+6jgltJUvFja3ZCJFkA2lcc5z2xXCLPds4FzJN/wAISW2x3LE+cfTcev2XsH+93P7vDVj7KJv7eR0Gn3H9ptM1nFI8ET7BcHHlysPvBDnJwRgnGM8AnBxe1jWIdB0tbu6imlQMqFYQpbJ9iRn8OavxJHHCiQKqxKoCKgwoGOAMdqfVRgo7ETqOe5yy+H4/FEdvq+tupnX99p4tpAwssjhlYcM+OrdOw45NnTPEMh1o6FqKCS+jBzcwFfKdQAQSCcqxB5TBx16YNY2otqMGo3EfgxWewVidTEYB8s9xbDoZe5X7v/AsCuq0RNOXSYTo5R7VhuV1OS5PUsTzuz1zzmrMye78xY2kiiaZkQkRoQGc+gyQMn3IHvVPTryHVLQXFoSVyVdHG142HVWU8gg9Qa1K5XxJ9pi1RT4SEJ8RSIC0cxIt2jHG64K8gcYUj5ieBlQ2HcVjTvdQjsrq3tfLknurlsRwQ4Lbcjc5yQAq5yST6AZJAOlFGVzvH0rH8L/ZntppiZjqhYLf/agBMkgH3WA4CjPy7flIOVJByd054wPrzRcLBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcdq0ctz41ki0y2k+2LaK0kwvzACm7gYEbZ5pdNj0640945rYQXMOoKLg3F3y8w6ESY+f2GB+FRatDap48luNVtdQe2ayVEktYLhxu3cgmIH9apW+mXiWb/AGW2uxp76tFNaxTI3mKn8TEH5gM/3uaI9P66hLr/AF0N/U7Dw8dTeK+1FLWa8x5lp9rEYuPqmcn8OtQm10a41LWra5hFtHAIWknM21Vwg2sP7uB3zWfdwTWsPiGxutOuru51F2a2kjtmkSQEYUFwMLtP94iqUujanHcTtNbTTpby2kkyKhbz1SMBgv8AewecD0pL+v68h9/6/q5utpmkXuh6hNpl3a6m8yBZbi4uvMUheQC6n5cdQR0PNYllZafqN5c3l5qunzldPmt/JXVhOWQgbiX2jYoGP4TjOSelSa1Y3et3Wo3+m2FytoYbdXimhaFrrZJuZQjgH7vHI56CqviGVNX8QOdP067SQ6FeRZltXiaQ4XChWAY4J7DHPFD2+/8AJ/mC3+780dTqNrolvHZXd9qUemSLCIYrhbwR70xnbuP3h3qC707w3aRw3NzqwtI54BF5jX4QXUYyRlifm+8eQe9V4lk0nxHa6jfWd1LbPpUdujwWzzNDIGJZSqAsMgjnGPlxVS/M7ai32bTb7TrabT1SBbfT97yZZiYmIBWLsecfe5PHDl1+f6/n+oo7fd+n5foP1e20bRbe2sktZbmCPTLowkXHSL5SVBweuRg9sVJp8+jXHh+38WPZyQy2Vm0IhaXJQAY2+5x0PvWKun6g/hvSYjYXYlh0W6gkRoGBV/kAXp3wcevar1vpV8txaaZ9jn+wXMMN5PIUIVHSMAofclU4+tHV/wBdX+n9ah0X9dv1LWlQ6DN4Z03VLmdtEXy3jTfehCAWOULHAbkUs8PhjR30azivNizXLTWjreDCkjk5J5U9PxrOsIr+z0/SEltby1VbeZTNDYvNIrFz8mADsyP4iPxpNHtryz0/QvtFhfxm2vpxKGtnZkDZ2sQoORz1HFPr/XcXT+ux0QsPD6aqbOLVvKmaTzDp8d8Fy3X7gOffFF4mgJa6hYLe2jS3EvnTwSXqoQ24Zz1K847Vzdrpd0mnnSdQbUxMbvzCsGm7lY78hxORtHHcsDWhPpt0PDviNFtJjLPfh0HlHdKNy8j1HHUUv6/L+vkV1/rzNPVtM8OrcSDVNRSzN+gWWBrwRrOMYHBIz26VS1L+xNJuJrS7tpp4o9LRNxl3GRDIVVAP727oc96oeIodQnbWLVLW9Rri1VIVtbNn+0/J/FLgqmD2JHT1NR32lX+oxQvBZ3IePS7ZgskTIWeObcU5x82B0+lHX+uz/IX9fijX0u6ttFvrhtagktrtbIzrLLdfaMwL1AO0YIPUY7jk1Z0C5ksZYLNNIlhtL55Z0nWYzMjMS584bRszk9yMjGelZOt2Fz4xluG0+C5gjj0ua2VrmF4C8shUhQHAJA28nGOetWLK2gl1nRjounXFjNbOx1CSS2eLcnlkbGdgBKS5U5BboTn1a8/61f8AwGJ7af1ov+CjtKMikKhvvAH6ik8tP7i/lSGI5/eJ9T/Kn5FRNGm9PkXqe3tT/LT+4v5UAOyKZKf3Z/D+dL5af3F/KmSxoIzhF7dqAJcijIpvlp/cX8qPLT+4v5UAOyKZEf3KfQUvlp/cX8qZFGhhXKL09KAJcijIpvlp/cX8qPLT+4v5UAID++f/AHR/Wn5FRCNPOb5F6Dt9af5af3F/KgB2RTGP7xPx/lS+Wn9xfypjRp5ifIvftQBLkUZFN8tP7i/lUTy2sTbZHhRvRiAaTaW40m9iSU/u/wAR/On5FVXuLMr8s0Gcj+NfWl+02X/Pa3/76WlzR7j5JdizWHc3lz4eupLi/ka40eVy73DfesCT1f1h5+9/yz6t8mWTYjlhZcxPGVz1UjGa53+3H8Rahc6VpE/2NLV2S9uS6GQAOyBYgCepRsueFwVxvDiOtydty3dalPe3TaVoDL5kQAur0jdHaAjIUdnlIwQvRQQzcFFefVbl9H0AyR5naEImZmyW5AyT3NYyW1p8PNPjXS0RPDyOENkrZe2Z24MWeX3M3MfLEn5cn5W0NVf+3PCay2AV/tUccqL5qH5ThvvBip47gkHsTWdXmVOXLvY2ocrqxUtro5KfXZbrVI7y7gjmWEAw27E7I3/v47t0xnp2q1ceKnu7aS3ubC2lhkXa6Pkhh+dVP+Ec1T/n3X/v8n+NH/COap/z7r/3+T/GvC9pivP7j6T2WC8vv/4JZ0fxHdWixWhUTR+ZhGlYlkUnhc98ep5ro9UtV1PZDcMwtlcmWFTgTDsrHrj271zFt4e1NLuFmt1AV1J/fJ6/Wuj1LUINNkja7OyGWTYZtylIiem85+UE8Z6Z6kZFduGlWknz3+48/Fxw8ZL2dvvL6TiNFRIlVVGAo4AHpVGws49NuJjaEpbS8i1/gjbuV9AfTpVnb/tx/wDfxf8AGqlrqMF7eXEFqfMW2OySYMvl7+6A55I744HTOQQOq0+xxfu+4usXk7xPawSG3Z1X99H95RwTjPQ4yM9qgsryPTrRLaztIook6KCeSeSSe5J5JPJNTX1rJJc7k8sjYv8Ay0UdvrVb7FN/0z/7+r/jWEqlZSaVzrhSw7im7EZk26wuo2y+RIwxcIh+W4G3C7h/eHGGHOBjpS6v4nuNPtbdoreJjKzg7ieMBf8AGn/Ypv8Apn/39X/Gs7XtJvLqztBAkbFHkLZmQdQmOp9qxqVK/I7X/pm1KjhvaRva3r5GXpniabTUkb7NFcXUxDXFzKTvlI6Z54AycKOBn60/UvFEmp26xzWcKPG2+GZGYPE/ZlOeD/Poaq/8I5qf/PKL/wACY/8A4qj/AIRzU/8AnlF/4Ex//FVw+1xXn9x6PsMD5ff/AME27PxjeHTZnlghkkgRMtyN5JAJIHT14rLl8TT3Gqpe3VvFMIQPIhYnZE3dgO7e56dqltdA1EWF6hij3OqbQJ4znDA/3qq/8Izqv/PvH/4ER/8AxVW6uKsrX+4iNHBXd7ff5LzL114xlvbWS3utOtZYZBhkbcQR+dWPDXiS7Nzb6bMBNGzMFkckuq4JAz3x0yeayf8AhGdV/wCfeP8A8CI//iq0NC0DUbbXLaWaFAisckTIex7A1VKpinUine110JrUcEqcnG17Pr/wTpNR06HUxFHclvsykmWBThZvQN3I9uh71cBjVQFiAAGAAelSfZJ/7n6ij7JP/c/UV9LofIamdp+mwaZJMLTctrJgpa5+SE852dwDx8vQY4xUGuazdosun2r/AGYFUHnR/fAIBIBPQkZGe2c9a2Psk/8Ac/UVgaxYzyapIy+UBtQfNMin7o7E1cFFvUmbkloFl4gOn2cdrZWUEMMYwqLn1ySeeSSSSTySSTVcavLHrH9oW0aQPIMXEaZ2XHGAWH94cfMOcDHSof7OuPWH/wACI/8AGj+zrj1h/wDAiP8AxrXkpmXPUOos7s6tYebOgRtzJ8hIxwOf1rNt7mTSLqOw1pvMhlbba37HAc9o5Owf0PRunXrc0eJ7XRnaQKdjMx2yKRjA75x+tZEYj+IFlLE6Y0Ijy5oGdTJckgEq2CdqYI75bOR8pBPPKydkdEbtalvz5dcuvL0tmg06F8S3inmdgeUj/wBnsX/AdyNW8n+w2bSxICcgYJNYcl43g029jefvtOkxHZsHUSRY/gYEjKgfx9u/rW3qttLJp7KoGdw6sB/OkrN6hLbQ5+C6Mepy386LcXDZWNpCcQp/dUdvc9T3qxd6ot9ayW13ZwywyDDI2ef16989qi/s25/ux/8Af1P8aP7Nuf7sf/f1P8a35YGHNMtaJfzxCKzlczgbsSSHLbeSAT3wOM9TVjUrSPVTFHdktaoSZLYH5JzxgP3Kjn5ehzzmq2n2M8V8juECgNk+ap/hPvWjtH9+P/v4v+NcWIbjJcp3YaKlF8xN9px/Av51R02zj0ppY7Qsto5BitifkgPOQncKePl6DHGM1Y2j+/H/AN/F/wAaUKM/fj/7+L/jXN7Sfc6/Zw7DdTV7uCW2jme23NhpIj823PIBPTI4z2pbQQWNrHbWlukUMYwqLnj/AOv3z3qeS1maVyE4LEjkU37JP/c/UVTlUuQo0rFFbSOHVjfWpMBkH+kRJ9yY4wGI7MPUdehraKNc6eyJI0LSRlRInVCRjIz3FU/sk/8Ac/UVcMgs9PaWYYEMZdhuA4Az1JAH4kCrpubfvGdRQS905/Q4z4WlGm6vK073TZj1aX712+Puynor46DgEdOQRTLu2k8V6pb3ek3Eun21nIP+JlDgPdgNkxLngxerHr/D6lAIPiHYyx3KD+wGPlyWzMN9yepD4PyKOOOp69MZkbVD4RmttO1BvtFlMRHZSBlEicgbHBIyoyPn+gPJGdjA6Sb/AFfIzzXHm1k8Oa3daxqU0mo2Vw7ZuJeW01Cc7QB/yx9T1XGWyoynYyqWTCjPNcq2qz67qdxpGkObU2zFby4LoXUbiuIgCcklT8x4Ugj7wYLSEN1108QltH0va00ZWSXUEORYHHysh7zYOQvYHLcEK+5p8D2OmQW81xJdywQBHuJsb5SFwWbHGTjJx61zyaZF8P7FDpcITQg4WSzU5aBnbG6Lu5Zm5j5YlvlycK3RWFwupaVBfQD91cwCVPnVuGXI5UlT16gke9D2BbmfcWcd5qcV1dkyxwAGG2b/AFaSAk+YR3bpjPTGRzzV43G4EGNSDwQe9UpLtYNWisJ0aKSdC0EjkeXKwyWRWz98AbtpwSMkZ2ttufZ5PQf99CuL3+x3fu+5U0y0TSzJFbM32VmBit2OVg9QvcD26DtVnUrFru3dLad7WbduSVOcEHuD1HqKq6feJqUs/wBkVnhgk8vz8jy5GH3ghz820jBI4zxkkECbW9YtdDsWvLzLRhwhEbKWyTjgEjP0GT7VSv1Jk4/ZKMGt2sEU8euBLG7tU3yqWO2RegeM/wAQJ4wOQTg84zJp0V5fXX2+8SSzt9pEFmT8xB/jk/2v9nt35rPOgp4oW21XWJo1liIn05YJlYWhI4cMDh2I6nlcHA9at6d4gP8AbH9h6l5R1BFLGWGRPLkUDION2Qx/u4OOvTmnZE3Zu3KvLYS20MrW7SRFFlT70ZIxuGe461z2hSN4ZkXStVfzZbhi0eqSdb1sciQ9BIAOnQgfL0IHQTzRQQtNPNFFFGm53eQKqqBkkk9B71zdzYJ42tXh1WILoMg4tZTte8HUM46qucELwTwTjpVXZPKgnSbxRq9rqOlTyada2ci/6fCAHv1VsmMA8GE8/MfvZJXA+ZuivSsqxmRM4Jxzj0rFt7qbQJ4rLUpRNYSMIrW9LDKE8LHL6Z4Cv0JwDgkbtuWJ5kXygGwTnBHtSk21YqCUZJlLyof+ef8A48aPKh/55/8AjxqOzuBeXd1aLG8V1aNiWCXAYKc7JBzyjYOGHGQynDKyh+oSrpdk91enZEpAGBuZ2Jwqqo5ZiSAFAJJIArHlfY6PaLv+JPapGs4Kpg4Pc+lY+saVdrr0WtxtLqNvboo/spiNqkE/vY/WQZ4BODjjB5rbsop2WOWW3eEumTG5UshI6HBIyOnBI96y9T1uSPWF0PT41/tGZVZHmdfLRSGJJGckgKSFwC3JHAYjqoq0dTjrO8robf65Yajp8drp0MeqTX6Hy7c5ChejNLnlFU8HIzn5QM8Vb8O6XcaNpi2t5qM+pSeYW82fGVB6IMfwjtnJ9SazF8MP4da51bR3D3k373UPtDhVvSB94nojAcA9AODWvoWrQa9Y/bbJHWIOUxIV3ZGD0BOOvf69CCdTAkd18xvkHX1NJvX/AJ5j8zVbU7xNMeN7tWSCWTYZ+NkRPTec/KCeM9M9SMirX2eT0H/fQrk56h3clITev/PMfmaZcXISUL5YPyjufSoEu0l1Z9PgVpZYk3TMhBSHP3VY5+8RzgZOOTgEZkuoHM/VB8q9ZFHb61Mp1EioU6TkN+1j/nkv5mj7WP8Ankv5mo/s7+sf/f1f8aPs7+sf/f1f8aj2lXubexo9kbGmyebbMdoX5yMD6CufhtZfC2sXWo6rcS6jaXkjZv5gC9grNkRkDgQjj5h93ALZHzLu6YPKtWDsv3z0YHsPSsUaz/wlF3c6Xpkotbe3Zo72cyIZCNzLtjAJ4O1sv0GCv3gwTrg24ps8+pFKbUdhddX/AISaRtJ0mQxy27BpdUj/AOXJscCM95SD05ABy3UBugtrdobGG3mme4aONUaaTG6QgY3HHc9a5gR2vw9sYksFUaArBFtEYb7ZiePLycuCTyvJycjPSuntLuK8sobmJhsmjWRfnVuCMjlSQevUEj0NVoRqc9q2i3MGvrrqPPqVtCoH9mHGIsdZYh3f2PXtg1LqOp6fqlhHZaZHFqs1/HlISfkRM8vIeqAHt94kYHIOH6l4j/4nH9haZ5Y1F1DCWZ18uNSMlsA5LAdFwCevQE1UXQk8LC51bRpVaaUmfUluJAovCBy5Y8I4HQ/dwMH1osh3kavh/RZtG0lLS81K41OVWLefcY3YJyF47DoO9Lqdkuq+VFdSN9lUky268LP6Bu5X26HvUmi63a67p4vLPcsZdkAkwGyDjkAnH0OD7VFqF/HpkkH2xHSGd/L+0YHlxscbQ5z8u4nAPTPGQSAWrEu5eWbaoVVUADAA7VR02xTSpJls2ZLWQhktf4ITznZ6A8fL0GOMZq75T/3f1qlZX8eoXN1FaK8iWz+W84A8tpBkMinPzFcYbHAJxnIYCtCdSrrWoXLrNZQSm33BQZo/vgHBYDPQkZGe2c9ahstTGn2cdrZWkMMMYwqLn1ySeeSSSSTySSTTtTt3bUJCDGOF+9KoP3R2Jqr9lk/vRf8Af5P8a8udSqpNI9qnSoOCbSvYBdNHrH9o2wEDyDFxGn3J+MAsP7w4+Yc4GDxW9a30l3Zl8KjElQQM496wfssn96L/AL/J/jWvp6NFp54VyGY4R1OeBxnOK1oTm52lsY4qnSjTvBajtMso9MifaTNcTHdPcScvK3qT6DsBwKXU7OLU4VWTMU0Tb4Z4zh4m9Qf5joabpuoQapa+dbkqVYpLFJ8rxOOqsOxH6jBGQQaNRv4NLtPPum4LBEjT5nlc9FVRySfSu/Q8zUsSO32MLKfMZQAWxjcfXiq25P8AnmPzNWCry2oOwozAEozDK+xwcVD9nk9B/wB9CuWrfm0OujZR1G7k/wCeY/M1LbFWuFGzGc859qZ9nk9B/wB9CpLaF0uFZgABnPzD0qIp3WhpJx5XqZ3ifw5cax9lltLttlqWaTTpTi3v84wkpAJAGOCMjJ5DD5TJ/wAJFp39m+d5c32vzfs39m4H2nz8Z8nbnGcfNuzs2fvN3l/PVzVdZj04RQQR/a7+5yLa1RsF8YyzH+BFyNznpkAZZlU5P/CKn+0P7e+2p/wkvleV9s2/u/Kzu+z7M/6rPPXdnnOa6uVHFzMm8MeHLjR/tUt3dtsuirR6dEc29hjOUiJAJBzyTgZHAUfKLerRvcwyWsc0lvuIDSRH5tvGQD2yOM9RUulazHqIlgnj+yX9tgXNq7ZKZzhlP8aNg7XHXBBwysofcW8sk7Mi5U9DkVSir6icpdCtaLBY2sdtaW6RQxjCoueP/r9896rLZxw6sb62LQmUf6REp+SY4wGI7MPUde9Xvsk/9z9RR9kn/ufqKrliRzTGXV04twIwEZgQG67T61n6akemQssaeZLId008hy8repP9Ogq/cWkzLGAnIznLCoPsVx/cH/fY/wAatKNiW5XKt9Gt3cw3Uf8Ao13CQFnj6lM5KNnqp9D06itizu2k3/IoxjpVH7Fcf3B/32P8at2VtLH5m5cZxj5gamduXQqF+ZXMDy5/DWuXWs6lPJqNncOxNzMMvpiE52gD/lj0y3VcZYlQSl7XNTi1CI6NZ28GoXVygdkYkxW6Z4lkYHI5HygEMzL8uArMtY6tNr2pXOkaQ5tTbMy3lyXQuoDFcRAE5JKkbjwuCv3gwWtD4ZtfAOnz3fhi2htNOTM97ZPKERwB80qu5wrgD+IhSAAdv3hzXkdFonQaDaXOk6NBY3mo3GqTRBt15dbfMkyxYZ2gDgHHToBWd4l0m91aW0uLa5Lx2u4yaZKcW99nGFkOMjGOO2TyGHFaWkX8er6ct9aq6wu0iASAKwKsyHcucqcqcq2GXowVgQKGu+II9GntrURCW7vMrbqZkRC25VG5icqMuPmwRnCjLMisXkO0R7eLbN9OEiQvJdPIbcacQPP87HMZXOBgcls7dvzZ2/NTPDGlXmjLctdXjSLcsrR2KnMFkBn5IjjJHPf04AHApjwlJFfHXI7pD4haPy3uiMRvHnPk7c8R56fxZ5zV7QNfh10zpFH5U1qQs6+ajqGywO0g/MuVPzYAPI6hgpdhaJf8QaVcazpD2dnqVxpkrMrefb43YByVOex6HHOOhFUtN1my0vT5LLU4otKlsI8vCPuOnZ4z1YE9vvAnB5Izf1rXLTQtON7ebmjDhCIyu7JOOASM/Qc+1YraDH4p+zatrUqLPCfO00W8gYWZI4cMOHYjqeVxwPWtTGzJtJ0q8n8QNrzST6bbTKR/ZYAAlz0llHZ/YYx3yata/qM1owigCq0kZ2yEZKHoDjoai03xJnWf7C1LY2oxgkywuvlyKBkHGchiDyuCR16EGjxDay3N1E0OwgJg5kUd/c1hiHJU/d3OrCxi6qU9jJ02/GmW7JDArySNvlmkYl5W/vMe5/kOKZeXpur2C9iRba7hIHnRnl485MbA9VPP0JyMU7+zLr+7H/3+T/Gj+zLr+7H/AN/k/wAa83nreZ7HssN5febmm6vJcRzMYkXYVHGec5/wplpCLbUJ7+Ym5u5iVEsn/LKPORGg6KvAzjliMnPGINKs5oIZ/MCDcyYxIp/vehq95Teqf99j/GuunKpyK559WFL2jtsR6kkWqWwiuY9rI2+KWMlXicdGU9jz+RIPBq3Z3U3lxxTsJXVAGkIwXIHJwOBn2qDym9U/77H+NSQIVlySuMH+MelaKU7mMoQtoY+sWF8uvRa5G0uo29uij+ymxtUgk+bH6yc9GOOOMHmrtz4nsX02KW1C37XnyQWqD55m7qVP3cc7t2NuDnpVPU/EPl6uuiaf5X9ozKGSSaVPLRTnJI3ZJAUkLgE9uAxFSHwXZ6Vezazorxprk4zc3cr5+2f7MgzgDjjGMYFa8zMuVGl4Y0q80aGcXd684uHDx2o5isx/zzj77fr+nSr/AIi0m51rSTaWepz6bJvD+bBjLgdUb/ZPQ4wfQiqOgeIbbXll8hfLkt2CSqZUYbufulSdw4PzYwe3Q40Nc1600DT/ALZe7mj3hMRld2SD2JGen4degJFRbe5nNJbFKw1ux03TpLXUoo9Kl09AJLcDKlTwrRYGXVjwMDOflI3cVFo2kXra9Lrkss2nW9wjD+yVxtYkj97J1xIcchTgZ5yckwt4eXxG9tq+szIl7B+90427hhZZHVT0diOCTwRwKt6X4kEusNoeoiP+0oVYvJC6+W4AUgjnIJDAlcEr34KlrIK2v63c2t5cWlsqI2zCSkZKkr1x0OM1k6drH9mWxit7WMl23yyuxZ5XPVmPc8D8AAOAKv69pd3daxLNBGrIwXB8xR2Hqazv7D1D/niv/f1P8a8epUxKm1G9rnv0aOEdOLla9u4l3qr3GoQX0MSW93EQpljz+9jzkxsO68nHcE5GOc7CeIJmso5TBHlpGXGT2C/41kf2HqH/ADxX/v6n+NXo9Hvv7OjTyRuWVyR5i9CF9/Y0Qq4l3vf7ip0cGrWt95BZXhtbye8lRbm7mJBmkJyiZyEUDgKOOnUjJzT9SvxqcCpNAqSRtvhmjYh4m/vKe39e9O/sW/8A+eA/7+L/AI0f2Lf/APPAf9/F/wAar2mI8yfZYPy+80tH1eeeeOCZUZhH80mMFiB1x05qrqtjew+IF11Wl1K3hUD+zGxiEjrLEO7+x69sHrNpGmXdvqAeaIKu0jO9T29jTdR1uX+2v7C01EGouoYSTOuyNSMk4zksB/DgZ69Oa78M5yhee55WLjTjUtT2sO1LXrTVLBLLToodTlvo8pEc7ET+/J3UA9uGJGByDi54esbrR9Jjs7zUp9TkDkm4uMbsE8Lx2HQd6xx4bPhZbnVtHIMshM+pLPIFF2QOZCx4RgO/C9j61taJqcOuWC3tmjrFvKYkwGBB5yATj6HB9q6dDk1I9Uh/tTy4rpibVWJltx92f0Ddyvt0PerovmUABFAHAA7Uw2sxY/J39RSfZJ/7n6iq0I94qW0Is9Umu7QmKO4Baa2H+raQkHzAP4W65x1zk881Dq+q3CvPb2+2J2jASYDJQlRzg8HGa0fsk/8Ac/UVl6jpl3NfO8cQKlVGd6jooHrVRUG9RSlNLQqadepplr5Ntbr8zF5JHYs8rnqzN3J/oB0AFR3N0ZtShv4UW3uo8K7x/wDLWPP3GHcdcdx2qb+x77/niP8Av4v+NH9j33/PEf8Afxf8avkpGfPVOi0m7a8szKyhTvIwPwrBs7WTwpqc91q9zJqFteSEf2nPjfaAtlYmxwIvRh0P3vUbeiwvaWBjuAEbeTjcD6elYyauvi+W40+wk+zWURMd7IZEMj8kbEAJ+U4OX6dQOQcc8rJ6HRG7Wo7XY28UynTdIlaB7Vv3mrRY3Wj4+7EejPjr2A65PFdFGrW1nFG0jTMihTI/VyB1OO5rly1t8PbGKK1Vf7AX5I7ZWHmWx6gJk/Op9Oo69M46VbiO6so542XbIquPnU8EZ6gkH8CRSGUnsUm1db+6Zp2iH+jxP9yE4wWA7sfU8joKs3ccN/aSW15CksMgwyN3/wACDyD2NGR/fT/voUZH99P++hV2RI3Tkls7VLeS4kudpIWSXG7bngEjrgcZ71R1OAaq0Md4S1ohJltf4JzxgP6qOfl6HPOcVpIRvX5l6/3hVTym9V/77H+NCSE2yf7e5/gWqOmQjSTNHaEraOQYrU/cgPOQncKePl6DHGKn8pvVf++x/jR5Teq/99j/ABp2QrsNd0ibW9Ge2tdSuNMmk2sLm2xuXBBI5HQ9D7Gqui3NpZQHSr2GHTbm0TcYw2I5Ez/rUY9QT1zypPPUFr+qavb6HpIvLwO0SlEIjwWJYgDAyNx56DJPYE1hT+GLHx1aW994qt4rq24msbVJQyQZHyyb1OGcg9QSozgZ6mDQWLTZPEGvW2t2Ms2m2ULDDoMPqSD++COI/Q/ePUYHXqvJXGOfzrno9ck0XVrfRdYk+0yXDAWtyrIGdc4/eKSMEeo+90AzwejLAdSB9TSuFjkdPsG8J6hJJrFxLqEF4+Bqs+N8JJ+WKTHATnCsMDPB5IJdrdn/AMJVMbDRpntTaORJrEJG63fvHEejN/ezlR05P3XR6onjTz7GzcQaag8u8ZpEMkuf4FCkgKR/H3HT1pjzW/w+sooYgraCo8uCBXXzLYgEhV3EbkwD3yvJPygkFwsdOkf2W3RdxkYAKWbq3HWqBsUk1j+0blmneMYto3+5b8YJUf3jz8x5wcDirxmSe1SRGXa4DD5h3HqDiosj++n/AH0KpaiYl7FDqFnJa3sKSwyDDKc+uQQeoIIBBHIIBFGnrLaWaW81xJdNGCBLLjewySM46kDAz3xmlyP76f8AfQpyYLYDKTg8Bh6UPYFuVNRsU1SSEXjs1rGSz2v8EzcY39yBz8vQ55zV5ptylWVSCMEHvVG9v49PuraK7R447lvLS4IHlrISAqMc/KWzgZ4J4zkqDd8p/wC7+tYXkb2iU9Msl0pZYrV2+ysQYrduVg9Qvfb7dB2qLxFY3WsaU1nZ6lPpkhZW8+3xuIHJU57Hocc+hqSwvo9Tef7GjvDC/l/aMDy5GHDBDn5tpGCemcjJIOF1PUbbS7Zp7t8AEKqL8zyMeiqvUsfSrhdvUiduhnadr1ppenvZajFDpctjHl4QfkZOzx92BP45ODz1h0mwvZfEDa6zy6bbzKw/stcbZSekso7Sew6d8moZvDZ8QSw6hr7LDd27eZYRxSA/Ym/vZ6M+OvbsPWtDT9UlW8/szV/LivgpaORSBHdKOrJ6Ed16jryOa0sjI2ZpJHt2WJ/LdlIVwM7T2ODVXTbOHS7do4AXeRt800hy8r/3mPc/y6CrOMquCp/4EKTafb8xRoBUvLFLq+gvona2u4SF86PrJHnJjYdGU89ehORitKKQvnOBioNp9vzFSwr1zg9Md6HYZNRRRUjCiiigAooooAKKKKACiiigAooooAKKKKAOI1OzF58RZw2j2eqbbBDtuioCfN1GVaqmm3rafa3FobWOCWLV0Q2rqJI4VbkeX/kYrS1VJJvGkkemR3QvRaKZJIrpIlKbuBhkbnNGnw6bc2LrNFJFcxagv2k3FwAzzDod+MN7AAUR6f19oJdf66Ek+s6rdR6ve2E8MMGmOyLA8WfNKDLZbPHtisqPX5k1i+uLNVS41KS0ijLjKxlogckd8Yrd1PTtBOpvBd6qLOW/x5tmLtYxc/8AATyc9OMZqI2WjXGpazbTRtbLbiFpJzKEWPag2sp/hwO9Jf1+o+/9ehQ13V7uzW90bU1g1FpI4TBI0ewAySbPmA6YPIIqhfR3vhfUbiDfb3kc+kXM5eeMu+6MD5CWJ+Tnp3ya3W0vSr/RL+40+7h1l50CyXM12GGEOQN6cLjrkd+TWJZ2djqt7c3t3q9tcKunT23l/wBqRysVIG47lACADvg/eye1H/B/J2BW/r1RvRalqGoatb6XYTRWSx6fHdSyCIMSXJAVVPAA2k/lUWq6xqdnMlj9sU3kdoJHWzs3maRySBkfdjXjqzDv6Va1G10a1jsr671VdIkWEQR3Iukj8xOuzLcMO/Sob3TdAslhurrXGskuYFhMsl+qi7QZIyzcn7x5BHB+lOWt7ef62/QUdvu/S/6nO6xqT6zpum6hOipJc6Fdu6r0BIjzUmmzzW3gg+H4mYXEnlxQHPIilQNu/D5/yq9q1lo2i21rYmK5uIYtMuvJKzDiL5Sy5xz1GD2xUlhJolxodv4sME8TWVk0IieTJUAYwR0LY6H3o017f8F/8MCvaPf/AIYo6HqkuneE9HsbO48ktFKwWG2e4lO1yAAgBwPVjgUseq6lrJ8OXctwbZzczJLGsYwxQHkjPt0q3pcGhP4a03VpLyXRI/LeJWlukQ7WYkozEYPI7UTweGdFbRrNNSaMS3LTWji7XjI5OT1U/jyaevNr3FpbQht/F2qXdv8Ab7aO5lUz7Fso9LmZWTdtz5oXGe/XFTXesanNput3UrwNb2dz5MVtJbhgRuXls9xmtFbDRItWNhBrbwStJ5p02K9Vcnr90fOB3wDii8i0BLXUNP8At9uZbmXzpoGvEVg24Z68gZA7Uv6/L/gldSj4g8S31j9s+wTZezt1kEMFo0uTt3HzHxtjGPfNZfiLUZpLz7VGxha6022VyjYKq8+GwfoTW/q2l+H1uJF1LVfsI1FAslubtY1uONo4PJ7Dg81U1GPRNKnmtL6O4mSLS0Te0gJdPMIVR0+bd0P0o63/AK2dxdP67odLaLpHiuGz0CGK3F3pkzNCmERpEKhHIHf5iCev5VHoemr4Vm0e21DTdME1x/oyXVrD+9WQRljuYjJyFPPFWNIt7V9TmsNZtp2vLmzwv2udZt9vnBUEAYwTyMZ5HJpNMm0weNv7Fjku72bTrczRvO4aO3PClVwBltrjJJOAaa3t/W7E9v67I61iQPlGfxpMv/cH/fVOopDImL70+UdT/F7U/L/3B/31SP8A6yP6n+VPoAbl/wC4P++qZKX8s5UfnUtMl/1Z/D+dAC5f+4P++qMv/cH/AH1TqKAG5f8AuD/vqmRF/KXCjp/eqWmRf6lPoKAFy/8AcH/fVGX/ALg/76p1FAEQL+c3yjoP4vrT8v8A3B/31SD/AFz/AO6P60+gBuX/ALg/76pjF/MT5R371Qk1Z0kZfKU7SR1ph1dywPlLx71l7aB0fV6nY1cv/cH/AH1XOa1n+0mzwdoq/wD2w/8AzyX86wNc1lYtRw9qHJjU58wjtXNiasHDc68HQqKrt0ForN/t5P8AnyH/AH9P+FH9vJ/z5D/v6f8ACvO9pDv+Z6/sqn8v5f5nV6R/x4t/10P8hVbxFDZLYjULq5axntD+4u413SIzEKECjJfe21fLwdx2gDdtw/w7eLeabI4h8vEpGN2ewrLmjl0fWjqviJ/tdgjyGC4J+XTQxb5mGOhVtpk/gGQcKWavbw7TpJo+cxSarSTG+FZJ9Ydb7xLH5GvWyKZNOYfLYbwRlBkhtwDDzATnDKMYda6iX/UP+H865/Wsatqkdroo2alZN+81BT8tmGwTG398sNp8v02scfITo3NxNpfhtXuMXE8UcayMW++3AJzj156VdRpQbZlSi5VIpdySiuc/4Sxv+fJP+/ho/wCEsb/nyT/v4a8r6zS7nt/U6/8AL+R0qf6xfqKpXCJKZY5VV0fKsrDIIPUEVlweKWkuYk+xoNzgZ8w8c1c1aCW8IggkNtEznz3Rj5jL6Kf4c+vUdq7MNiKdm7nBisJWuk0cjLdS2urtpUF1LH4fUiOW8UE+RKTj7OJM8Dp83OCduQcV2Nvbw2lvHb20axQxrtREGAooitrGGxFlFZItsE2eTnKle4I75/Wq+m2jadJJCHMtlgGBJHJeL1Xd3X0zz2rq+s0+5yfVKvYv3H31/wBxf5VFWPrvij+zdUNstksgWNCGMhHVQfSs3/hNm/6Byf8Af0/4V41XE0lUab6+Z71HCV3Si1Hp5HVUl1/x6Q/77/yWuW/4TZv+gcn/AH9P+Fatvr63ukRTvZhf30iBRIewQ56e9Sq9KSaT/M0eGrQabj+XYs0VV/tWL/n0/wDIh/wo/tWL/n0/8iH/AAqeeHcvkn2/I1LP/VT/AO6P506qtnqUbQXBFtjaq/8ALQ880f2mn/Pt/wCPmtlOPKtTndObk9PyLVWLD/j+i+tZv9pp/wA+3/j5qzp+oK+oRKINpJPO/ParhOPMtTOpTmoPTodTRVH7e39wfnR9vb+4Pzr1uVng8yL1cjrn/IYm/wCA/wDoIroPt7f3B+dYeqzQnUpDJAWYhSSHx/CK0ppqRnUacTLoqfzbf/n3P/fz/wCtR5tv/wA+5/7+f/Wrouc9jovDv/ILP/XQ/wAhWb4tZ9LQanoi7tdkHlW9qv8Ay/Y58th3AGTuyNvPIGavaVJnSXFuvllmYDLZwcDmsjSJJtE1UDxE32i8uwsUGpMflbp+5x0Q55/2z74FcU5LmZ3Qi+VGn4ajt7iB9SaY3Ooyny7l5F2tCw6w7f4AD278HJ4NaOqf8eX/AAIVzNw1xrWsm88Nv9kWP93cXwPy3W0/cAx82ORv7cgZ5ro72UNanemQCOM4pRkrocouxkUVLvi/55H/AL7o3xf88j/33XScwQf63/gLf+gmoKtwvH5nEZHyt/F7God8X/PI/wDfdefi/iR6mC0iyKlHUVJvi/55H/vugPFkfuj/AN91x2Xc77vsdHRUJnIYjHQ0n2g/3RXo8yPG5GT0VB9oP90U6USTWcghbZIyEK39044NNSTBxa3Ob8WvLpW3UdBTfrk2I4rNRn7cB1DDI+6DndkY6Z5q94aitZrZ9SWc3d7OdlzNIu10ZTzFt/gCnI2/ic9apaOsmi6qYvED+dfXmEh1FvuygciIf3D1O3+LryajeKfWtbN/4bk+yQKQtxeD7t7tI4UY5wAR5n4DI5pknWVkeIoLL7B9uvLg2UtpzBdxrl42YgbQBy+47RswdxwAM4rXrlLqG40nXDq3iCT7Zp0bu0Mn8OnZJ+dlxyNpwX/gGf4dzUAN8KS3OtTLeeKI/I121QMdNZcLZBgQHQZO7cNw8zJ/iUYwwrrH/wBW30Nc5rZGr6lDaaKcanZsGa/Q/LZK2CVb++XXafL7jaxx8hO1ZRTwaTBFey+fcRwqssmfvsByeg6n2oAqX9lbahZSW99GHhbBOTjaQchgeoIIBBHIIyK5GDULjUGt7O/vJf7Dnk8u31ILsN9nGxCwPyhiSA4A8zjbjcpbV8Q6dfXV4JypvtKVU8/S1YAz4LZ68Ecr8hOGxg4HW1fazpFzoayMgv4L7dDFaqu5rhuQ0ew9CMMGBxt2tuxg4OdD5GasMUcEUcMEaxxRqFREXCqBwAAOgqtJ/rX/AN41T8OWGpWMUg1W689WC+TEXLmAc/KWIy55HzHk4/E3da0m5vLFo9Lu/sdyXBEpG4AZ5471nUXPsa037N+8cTrFzNourfZdCkdLSTMmpCOPzBp6nnzVH8JY5+Xnu2MAmuo0y0tLOwRLDDQv+88wNuMpPO8t/ET61DpEmlaTp89rqI/s+5tV866Er5MuTgzBurhjgZ6g4GBwKboWh3S6kbyESWGkyFmTTnPzAn+PGPkyednb9Ky9nI1VaJrS9V/3RTKt3VrG6PEGdCU2h0PzLx1HHWsayu3sruPTdb5lkO22ux8qXOBnb/svgZ29wCR0OJcHcpVFYvVoaf8A6lv97+lc/FcSa5dRtpbNBpkThmuxybrB+7Hn+D1fv/Dx81dJbKqRkKMDPrV04tSIqSTiZviSCyWwGo3Vw1lcWf8Ax73ca5kVnIURhRy+9tq+Xg7jtAG7bjL8JyXGsyLfeJo/I1+2RTJprDC2G8EZQZIbcAw80E5wyjGHWiaKfR9cOreI5PtlgjyG3uP4dMDM3zMuOhRtpl/gGQcKWYz63nV9WitdEOzU7Fv3moL92zVgCY2/vlhtPl+m1jj5Ceg5Tpaq6lZWl/YSQ6goMI+csW2mMjkMG/hI657U+xjmh0+3iupPNnSJVkkz99gBk9uprB8Qabfz3wupA1/pKBDLpinBkxnLf7WMg7CcNj8CAZWjXUuval9i8QTvJp6uW0zzI9i6pGoB8xj/ABY5+XA3AbsEc13Vc7q+p6bq+lw21mg1Ke8HmW0cTFWQqceYW6x7G4J4IPHXitHRLTULPT/K1e9F7cbyfNC44wMDGKAHyxpKjxyoro4KsrDIYHqCK4u4vrjTHubLSrmQ6NA4S4vQm86f13Ip/iC8ZODs79Djo9WS5vQtvbz/AGaFmPnuhPmMv91T/Dn16jtU9qILK1jtrS3WKGJdqIpwAK5+ZHVyyHadZ2tjYxw2CgQ/fDBtxcnksW/iJ6571Wv/APj8b/dH8qgsLNtLvWWxKppzgn7KekL5/wCWfop5+XoO3pUl/cot0Q0O47VOd2O1ZVGuXc3oRlz7ENFN+1x/88P/AB+j7XH/AM8P/H657x7nZyy7GrYf8ef/AAM/yFZ3iWK1ishqMkxtbu24tp0GXLMQBGF/jDHA2c5OMc4rU0kpcWbEIUAkIxnPYVhG0l0bWzqXiOQ3dpvf7PdZ+XTwzN94Y4BUgGT+EZBwuTXbCLcU0eZVlabTIvCzy6q32/X18vXIEAlsWGBY7h/AMnO7B/eZOcEAjBFdSPutWBrMH9saqtvoLGPULI7ZdQX7tsCATEf75IwdnbgnHy534IHt9PhSdzJKsarI+fvMByfzq+VmfMtilqlnaXunyJqGFhT955hbaYiOd4b+EjrmuU0S5m13UPsviGR2to3L6ckkWxdQjXBEzf3iP7uB2bGCDWnrlhevqIvJ1a/0qMqz6ch5JH8eMfPg87O/6U/WNR07V9PgtbFBqFzdKJrYRSbTFg4EpbqgByM9c5GOopFHRL94fWrEsUdxC8M8ayxSKVdHXKsCMEEHqKydFtr20sVi1S6+2XG8kzAYyM8cY4pPEen6rfwxjSbzyFUN50QcoZwcfKGAyhwCNw5GfxFwM5nONdyx64+ipezp4ZDCE34Jyk5Yr9k87OQM4G7k7j5e4NxXc29vDaW0dvaxJDDEoSOONQqoo4AAHQVhJq+ip4dNu1oFiT/QW0kxAybyv+o8vocrz/dK/NnbzUnhrTtUsEl/tK5LQOq/Z7UyGQ2wyx2FyMvwVG4+ntk2ZlXWP+QrN/wH/wBBFUq1tSSE6hIXjLNxk7sdhVby7f8A55N/33XlVIe+z3aVRKnHToilW3pX/IPH++f6VR8u3/55N/33WrYwLJprrDmMksFO7ODjrWlGD5jLE1E6exieIQlhcRX+nuU1aUiKKBF3fbMc7GXuAMnd/CMnOKTw+F1C8mvdTYtqsBMb2zjH2MHoFHow/j/i/MUuk2zaLqoXxE5nvLsLFDqRPyP0/c/7Bz0H8R98Cl1e3Os6qIvD7mG+s8pNqI+7CDyYj/fJ4O3+Hrwa7OVnmc6OhH3TSUbGtbCMSnzJAqq7Z6nHJqD7T/sfrUSstGaRTkronpV+9+B/lVf7T/sfrT4p98gXZjIPf2ojJXHKLsySilyv939aMr/d/Wus4xKtp9xfpVXK/wB39aR7wxtsCAgAd/ak9QvYuUVR+3t/cH50fb2/uD86OVhzInuPvD6VFTZLrcqsUHOe9R/af9j9aaTFdE1S2/Vqqfaf9j9amgnyGIXGMd6JaIa1dip4igshp4vry5NlLaHMF5GMvGzEAKB1fcdq7MHccADOKydKluNa1aKLxVH9muoEW4tdOIxHLjbmfqQ7KxA25PlkqTyUYxXBudJ1s6tr7/bNPjd2gkz8unZJ+dlxyNpwX/gGei7mq54ju4tQWPS7SH7RqZxcW7RvtNn1Czlx90feAH8fzLgrvxlzI05WdI/+rb6VRuLeG7tpLe6iSaGVSkkbrlWU8EEHqKZpS3lvpqwanci7uA0heYLt3AsxHHbggY7Y6nrWX4j0/Ur5Yjp1wVgRGE9qJDGbkZU7Q4GU4DDcPX3yIk0zSKaRz8V1NNrT6NNdznw2HEMV8c5mm3FTamXOcAgDd3JKbtwxXcQxRwRRwwRrHFGoVERcKoHAAA6CsOTV9Ek8Oi3WzDxN/oS6UIwH3hf9R5fQYXn+6F+bO3mp/DlhqVhFINVuvPVgvkxFy5gHPyliMv1A3Hk4/Eoo2W+8frXD6xczaHqwtNAkdLKTMmpeVH5g05TyJFH8O7njnu2MZNdVrdte3di0WlXX2O43giYjOBnnjHNZej6hp2kafPbX0Y0+4tR5t0JX3GXJx5obq+48Z65wMdBQI1dMtLSz0+NNPw0LjzBIG3GUnneW/iJ65pmpffj/AN0/zrK0OwvU1E3kKtYaVIWaPTn+8Cf4sY+XJydnbP4VoaxdrbyxAw78qT97HesqtlFtm9BNzSSK9FVf7TT/AJ9v/HzR/aaf8+3/AI+a4+ePc9L2c+35Gpa/6iX/AHl/rUlVLG+WS3mIg27WTjf14apvta/88v8Ax6toyXKtTllCXM9CWnxfeP8Aun+VV/ta/wDPL/x6prWdZZ9nl4yDzu9qtNXM5Rkk3YqahZ2t9YvFfKDD94sW2lCOQwPYjrntXLW97cak9vZ6pPINInYpb3mzYb/+6rEfdB7Hjf2687WvaTdzX4unVr7SkCmXTVbBkxnLdPmxx8hOGx+dvUdQ0e60VCY/7QjvwY4LZOWnbuuD0Iwc5xtwc4xV8rMnNF6CNIvLjiRURMKqqMBQOgAq833j9axfDul39jC41W6NwWKmJd+7yh/dLYy3b5j1rS1zTr690/y9JvPsVxvB80jPHORjFb0ly3MKz5rHH6tdS6Hq32HQ5ni0xgX1J44940wHBDL/AHd2SSOdo+bAHNddp1na2NjHDYACHG4MG3FyeSxbuTnOe9Z+k3ml6Tpc9veJ/Zs9mN9zHKxZnLHHmBusm9uAeSTx14pvh/SL2G+N0m6x0pw5h0xj80WcYP8As5wTsBwufwG1zCxp3P8ArvwH8qiqlrGsfYtTkgFuHChfmLEdhVH/AISM/wDPov8A32a8upWpqbTZ7FPD1ZQTS6G3VqD/AFH/AAI/0rmv+EjP/Pov/fZq5FrzCxSQW6jdIy43HsF/xohXp33CeGq22/I3aKwv+Eif/n2X/vo0f8JE/wDz7L/30a09vT7mf1St2Ogh/wBaKZqtnZ3unyJqO1YU/eeaW2mIrzvDfwkdc1naXrDXl+sJhVAQTkNntVbXtPv31IXk4bUNJjKs+mp1JH8eMfPg87O/6V00pKcbo461OVOVpGboV1Pruoi28RyObeNy+mxyR7F1GNeRM394jg7cDHDYwQa7iuc1nULDWNPgtLBRqF1dKJrURNtMODgTFuqBTkZ6k5GDyK1NGtb+z08RareC8uN7EzBduRngY7VqYF+iiigAqtN/rTVmsi+1IwXskYiDbcc59hVRTbJk0lqW6KzP7XP/ADwX/vqj+1z/AM8F/wC+q05WRzxNQ/dH1NYXiaOCCzGpLIbfUIBttZEGWkY9Ito++GOBt/Htmte1uftNsHKbfmIwDXNRxS6NrAvvEb/a4WJW3vC3y2e4n5WGOMggb/wOBXPKD5jojNcpJ4XL6mTqOtDbrUShJrV1x9iyPuqMng/3wTu9eMV0c3+ob6iuc1dW1jVBHoB8m+tMxzaip+WIdTEf756HH8PXrXRwxkWaJOS7qqh2z9445NEYtO4SknGxVoq15Mf90/nR5Mf90/nW9zCxBF/rk/3hTD1q2kUYkUgHOR3pPJj/ALp/OlcLFWirXkx/3T+dHkx/3T+dO4WLsX+pT/dFclqU1zouqTW/hWM3MkiGa6sVTclvnJEo5G1mOfk/jOSMcmtrV476403yNKuhZ3G5CsxG7ABBPHfis/w9fQWEEmm3MQtb+IGa5819xuOxnDn7wPGT/DwMAYrOxZoeH7exXTxeWNx9sa7+eW8b78zDjn0wcjbxt5GM5q9cfeH0rlbMXWo62NV0Qmx02SRXmzwL7/poFx8ox/FwWGO2DXWACZQzcfSpkm0VFpM5nxQkdrZ/2nbuYtThHl2hQZa4c8iEj+IMe3bk8YJqLwx/xMd2park6zGPKngddv2IkAmNVycA8Hdk7hg5IxRbWkuiawt34ll+1rJ+7t78n5LXccbCMfLu4G/vwDjin6tavrWrEeHH+z3lqGin1IH5F6/ucfxkE5/2D75FZ8rNOdG9N/qD9RVWr5gCWqLISzAAMc9TiovJj/un863horGM9ZXRVqa0/wCPpPx/lUnkx/3T+dORUibeqnKgkZPtVN6EKLuWbi3hu7aS3uokmhlUpJG4yrKeCCPSuGhu5Z9afRZ72c+Gt4hhvyTmebcVa1Muc4BAG7+I5TduGK3tU+1akYrcTeRZHP2kRkiSUdkDD7oPOSOewxnNWH+yyaadPeygNn5flfZ9g2bMY27emMcYrn9pE6fZTNSKKO3hSGCNYoo1CoiLhVAGAAB0FZ1z/wAfL/Wq2lvd6fHJbzTfabdSPs7SEmRV/us38WOx6+uetaDojuWZTk8nmtITTehnUhKK1KdFWvJj/un86PJj/un861uZWCL/AFK/jT6UBURQBx9aMr/d/WpKEqWDPOBnpUeV/u/rUsGPmwMUnsCJqKKKkoKKKKACiiigAooooAKKKKACiiigAooooA4vVYLcePZZ9Sj1FbdrJVSS0FwAW3dCYv61Rg068S0kW2hu2sG1aKW1WdWMgX+Jju+bGf73NXtVkabx5LbTrq09utkrrDYXckQVt3UhXWotL1t4tPljme6lMWqLAkNzM6zQKem9s5b8Sc96I9P6+0Euv9dBLuFreHxFZXthcXN1qDsbdkt2dZVIwg3gYG0+pGKpS6TqSTztcW000cEtnJcKELecqRgNj+9g4OB6V0dx4kvSdRn0+yimtNNYrMXkKu5XltoxjgetZ0fih4tW1CWIyXAuWto7OCRyFVnjB/AdScUo9LeX/A+8b6/P/glPW7K51m81K90uyuPsbQ26zRvC0TXWyTcyhWAJ+Tjnr0qt4ikg1XxA7abYXAlOg3kW57Zo2kOFwgDAE4z6d629Y14R217pfiHTopZtkTRRwyHZMXfauGOCpDDr26is6a7m8OX1zBdaWrSS6XPcC6GoTSyFYwD5YdyXXk9iMZyOaOnlr+TGr3+780aEIbS/EtrqGo21w1u2lR28UkcDy+VIGJdSqgkZG3nH8OKp3zP/AGgy2GnzaZay6escPlaeXeQFmJiAHyRdj8w/i56VuDXLue+t9O0q2iab7Gl1M9xK21FY4VcgEkkg/lUOq+JrvTEiS4hsba4Nv5rpcXP33zjZGFBZj+HcU59b+f6/8EmPl5focutjfSeGtIj+xXXmQ6JdQSI0LAq/yAL06nBx69qu2+mXqz2uk/ZJ/sV1FDeTPsO1GSMBkPuSqcfWn6z4guL+zsb+ymuLRLrRrqfy0kK7WATB47jJwaXTtZv4vAb2klzLLqgKQRTSMS7eYoZXJ6nAY8/7Jo1u/wCur/UFay/rt+hVsEvrLT9IR7aa1K28ym4+xPM6MXPybR93I/iIpNFgu7XTtB8+0vUNtfTiTfbsWQNnaSFHTnqOK0NH8RXOn+ENK+0XEMksiSbrrUbrG7axAGeWZj7ClHifUdVbQLmwEdvDczyJPG7MNxUHPbOOM0df67h0/rsZlrp14umnSr+W4jnN55hEWls7Ft+Q4mzt6dzV+bTrkeHfEarazGae/DL+7O6Qbl5A79KlHxDgKm636f8AZBP5XlG7H2kjdt3bPr261Yu/Et3LY6rP9kj+x2U4hBW4dJJDuXBBXoOfWj+vy/4A+v8AXmZXiOO+mOs2sVvPE09qqRiCzaVrr5OnmHKoAeMf1NR3+m32oQwyW9rcFo9Ltn2vGylmjm3FOf4sDpW7r3i59F83aloBBCJfLnuMSzcZIRRknA7ms3XvEF5HfGawnliW40+32LnIjaSbaWx0yAevsKFvp/WjF01/rYuyi81zxBHe6Qktt9l0+WFZrqB4wJXK4G1gCQNuT26VV0fR9V0vxxZo8EBt002RZZ03kOxlDEliOXJ5/Or8cdxpXieHS7O+umhvrGSQNczPcGKVCoDguScHd93OOO1Q2/2jSPGOnWX2q/MM8UiTy30zSJdShQy+WCSEP3iQNoxkYOBhrdW8/wBf6+4T2fy/T+vvOvZQw5z+BxTfKX/a/wC+jTmJA4GfxpNz/wBz9aQxjRrvT73U/wAR9Kd5S/7X/fRprM29Pk7nv7U/c/8Ac/WgBPKX/a/76NNljURn73/fRp+5/wC5+tMlZvLOU9O9ADvKX/a/76NHlL/tf99Gl3P/AHP1o3P/AHP1oATyl/2v++jTYo1MSn5un940/c/9z9aZEzeUuE7etACssaKWdiqqMklyABUH22w/5/If+/4/xpNSLHSbvK4HkP3/ANk153XHiMS6LSSPQwmEjiItt2sehi8sfMb/AEyHGBj9+Pf3pwvLAkYvISf+u4/xrzqnw/6+P/eH865Vj5fyna8rhb4jr5bOdpnITgsSPmHrTPsVx/c/8eFazfeP1pK6nTjc4lXlYyvsVx/c/wDHhXO+IrVzqgy8KkRKCHnRT09Ca7evM/Hf/Izv/wBck/lXHjFGFK/md+XylVrW8g+yP/z1tv8AwKj/APiqPsj/APPW2/8AAqP/AOKrnKK8b2ke34/8A+g9lLv+H/BPVPCMDppMoyj/AL8n93Irj7q9wTUKaw3iW5vNP8NXO2OyuHtb++C828q8NEgYcyf7RBUZB+bpTPht/wAgC5/6+T/6CtaniG3jslbXbe6SxvLdBG0jglLlN3ywyKOWyzfJgFlZjtzuZX+owkr0InxmOjbEzT7mNDp0Pw60kixh8vwzao0kkOSWsF5Z3UnlkzliDlhkkZHyjR1SRNW8JC7091lgu44poZCdodGIYHnGMg96r6JcS+LLgXOu2z2D2MiSLokxBaF85SaXHD8jKYyoIzy6jZreJv8AkAzfVf8A0IVrXf7qXozHDfxoW7o4L+y7r0i/7/p/jR/Zd16Rf9/0/wAafRXzfLD+v+GPruafdfd/wR1rplyt5CSIsCRSf36ev1rqZSnnP++h+8esq/41zNr/AMfkP/XRf50XX/H5N/10b+db05qnHRHNVpyqTV3/AF950eU/57Qf9/l/xoyn/PaD/v8AL/jXL0Vf1jyI+q+YviXQtRvtZM9pAJYmijAYSpg4Ue9ZP/CL6x/z6f8AkVP8a7yP/j1t/wDrin8qWlPC05ycnfX+uw6eMqwioK2n9dzgv+EX1j/n0/8AIqf41t2elXdnocMV0kcT/aJWw8yDIKx+/sa6KsjxL/x62f8AvyfySpeHp0ouSv8A0/QpYqrWnGDt/SfmVfskn9+D/wACE/xo+ySf34P/AAIT/Gsmiufnj2/r7jq5Jd/w/wCCdFZW7JbXW54eVX/lsn9760nkn/nrB/3/AE/xrKtf+Qdff7qf+hCqdaOoklp/VzJUpOUtevbyXmdD5J/56wf9/wBP8at6XERqUP7yE8nhZlJ6HsDXJ1p+Hv8AkYLT/eP8jV0qqdSKt1RFalJUpO/R9P8Agnb+RJ/d/UUeRJ/d/UVZor6a7PjrFbyJP7v6isrUrKeS+ZkVSNq/xgfwj3rerNvv+Ptvov8AIVUW7kyirGT/AGfc/wBxf+/i/wCNH9n3P9xf+/i/41eorXmZnyou6XG1tpp88qgVmYksMAYHOayLu1Hja0ktZkx4fmXbIScNfL6DusZ/vdT2wOa3LL/j0H+8f6VYrllC8mzqjNqKRgWzyeGFhsb079KXEVtdcfuB0VJPboA30z61tXaFrVgMdR/EKlqC8/49G+opRgk7hKbasUPIf/Z/77H+NHkP/s/99j/Go6K6dTnLMED+dxtJKsAAw9DTf7Puv+eJ/MU6w/4/ovqf5Vu1y1qam1c66FZ007GB/Z91/wA8T+YoGn3WR+6P5it+isPq8e50fWp9kVHI3t8y9f7wpuR/eX/voVVm/wBc/wDvH+dMqHPUpU9C7kf3l/76FTvPFa2L3E7hIokLu/UBQMk8e1Zdatt/x7J9K0pyuzKrGyOXYWvxI0jBxJ4Yuk9w1+v81TI9mOO1TNqyeDUtrTXZx/ZskiW1leEchmOEicDv2DAYOOcU3XZX8MTtqGjQtcz3jkvpMZ+a7fu8fZXx1J4PfnBq14fiTVCuuXsq3F4waNIwMLZD+KMKeQ2RhieTj0AFbnOb5IHU4rmzr48Q3l3pnhu6VfsczW9/e4/493HWNARy+D1wVGQeeldBP/q/xrndetorZTrUNylleWyBPOYErMmeInUcsCx+XHzBm+X7xDOwrle3sbT4daW39mIF8N26tLNBu3NZDlnkUnlk6synJHJGR8o6Ox1G01XSoL/T51mtbqFZoZBwHRlyDzz0PeuS0a5l8V3Hm65avYNZOsi6NMQWVs5SaTHDjIygGVBGTl1Gzqz91v8AdP8AKhrQa3MzUtWaG5XT9MWO51GRN4QvhIUJx5kh7DIOB1Yg46EjHh8EW+m6pN4g0uZP+EjuFxdXkp+W7Xj92yg4VeFA28jauS3Od6iuPnO32YaXqsWpLIhH2e6gIW4tpGG6Mnp9VODhhwcHuCBY13xDpnhvTDf6xdLb24dYw2C2XY4VcDuTxUC/eH1q5KiyK6SKHRshlYZBB7EVvSfNcwrLlsYVz4dbxLNb6lrjG1uLR/N02KNgTZv/AM9G7M5HBH3QOOvNXLHxLEmtR6BrLxw6u8bSxKmSlxGvWRT29wefrXO3+qXXha5/szSk+22m0ElssNLQ9C+OTH6D7w/3RkdJpGnQWVu00cxup7rEk12xBac44ORxtA6AcAdK2sYXL1/cw2dvPd3MgjggjMsjn+FVGSfyFcvJb23xF0kCdRJ4ZulDKmdrX69QT3VMgEdGOB06Hq27fQVyutzP4YnN5osDXct45Z9IiIDXD/xSR54U85YnCnOThj80ci3L53axM2rDwo9rY6/cA2lxMlrY3pHLyMcJE4HRvRgMHHOK6iN0iT946rk8ZYVzugQx6ht1y6nW6vJFMa7QQtoufmiVTypyPmJ+YlecAADQ1L/VxfVv6VE1yR5kXT/eSUGQXWqvrFzLp+jXKQwRsY7rUcghCOGjizwzjoW5VTwckFRSsLK18B2UdroyBvD0ef8ARIyXks8nLMnVnQkkleWBJIyPlEtFYfWH2Ov6ou50Vve2t1DHLa3MM0cih0eOQMHUjIII6jHesfUPE0I1o+H9JeOfWvJE7RPkLDETjzGPcZGMDkn060lh/wAfi/7p/lUmq6bBqFurSyNby27ebDdIQGgbH3gTxjGQQeCCQeK6KUueNzkrU/ZysULfw2/h65uNV0WT7VfXjCTUklIX7awGAw7IwHAA4xweea19C8RaZ4k083mkXImiSVoXyCpSReGUg9weOOK5Gx1e78TXX9l6jmytCDtuIiUGqqOpiPVUx1/iI6cfNXZwxRwRxxQosccYCoiDAUDgADsK1sY3IHgkLtwOvqKTyJPQfmKtH7x+tFcfKjt52VfIk9B+YqlfWc8l0WRARtX+Ieg9616rXP8ArvwH8qicE4mlOpJSujI+wXP9wf8AfY/xo+wXP9wf99j/ABrSorH2cTp9vMtaLC8NkyyDB8wnqD2FZS6yvix7ux8PXAFpbzPa396F5SRTh4kBHLerEYGRjNbdh/x7n/e/oKy/EEEen7tdtZ1tL2NVjbcCVu1z8sTqOWOThSPmBY4yGZT6FNWgkeXVblNtlCOC1+G+kEW6iLwvaqWZOS1gvUsD1ZM5JHLDJ6jgdJFcw3+nw3Vo4kgnRZY3HAZWGQefY1z2hzyeKbgXutwNZy2TqyaNKQWtn/hkkxwzcEqRlR15YfL003+rNXa+hle2pzd94gR9ak0DR2jm1hIlllR8hbeNuBIx7+wHP0qrbeGZfDc0+o6ITc3F2/m6jFIwBu3/AL6norAcAdCPfmtbV9OgvbdZZJjazWpMkN2pAaA45OTwVx1B4I61zdhql14puf7M1RTY2u0kFcr/AGog6mM9RH6j7x/3Tkr2aK9ozpdB1zT/ABHpy6ho9wLi3MjRlsFcMpwy4PcHipNb8SWOh3FnaTsZL/UWZLG1UfNcOoyQD0GAcknt69KtRIsaokahEXAVVGAAOwFS31jbalZSWl9EJYJANykkcg5BBHIIIBBHIIBHIo5eUTk5HPHwnPLqa+I5LiMeI1i8qOXBMKQ5z9n290zzu+9u56fLWjo3iS01e+vdN5h1XTgn26zbkw7wSh3dGDAEgjt1A6VgNr2pRal/YS3Ja18zyP8AhICoKxtnHkkY2mbPG7GzPUbvkrrtP0+20uxS0so/LiUk8sWZmJyzMx5ZiSSWOSSSTzTEZ9/byPfSMoGDj+IDsKrfZZv7o/76H+NXrz/j6f8AD+VQ1wyiuZnpwnJRRX+yzf3R/wB9D/GtTT8W1ixnZUAJYksMAY65qnVqD/UD6mtKMVzGWIm3DUyLyGPxvaS2k4x4emXbJk4a+X0HdYz/AHup7YHNJZWsfgazjtLJM+HohhEXLPYj+bR988ke46blFdljguPmZbq0VrZllV8MrIwII9QaqfZZv+eZ/Ortv94/Sp6ylTUnc1hVcVZGX9lm/wCeZ/Onw20qzAshAwf5Vo0VKpJO5TrSasZs11Db3ltazuI5rrcIQwwJCoyVB6bsZOOpAYjhTix5T/3adf2FtqljJaX0XmwyYJGSpBBBVlYYKsCAQwIIIBBBANch/b+pnU/7B+0n7L5v2f8A4SIIu3fnHkYxt8/Py7seXu4xv/d1tcwsdLDdQ3F5c2sDiSa12iYKMiMsMhSem7GDjqAVJ4YZWeFzMSB6dx6VZsLC20uxjtLGLyoY8kDJYkkkszMclmJJJYkkkkkkkmmy/wCtNNMTRU8iT+7+oo8iT+7+oqzRVXZNiu6FY0DFQeerCo9v+0n/AH2KTUesX0NUqpK6Je5e2/7Sf99irFshIcLg9OjA1k1paR9+X6ClKPuji/eMcay3iK7vNN8N3GBZTtbX96F/495F+9GgPV/fBUZB56VW03wfF4Ggf/hDrDbYyP5l1pwckyNjBkjZj9/AAKk7SAMbT12vEFtFaodbhuY7G8tkCec4JSdM8ROo5YFj8uMsGb5c7irYunajdeM520/xDps+hwKm99KuWUyX6ZAJLKcGHJAZBycgPhTh+flR0c7NzQdZsPEmjQatolyt3YXAfyplBAbaxU8EA/eUj8Kraz4gttIv7PTMGbVdRD/YrMcGbYAWO7oAoOST26A9K6Kq2oafbapYvaXsfmRMQeGKsrA5VlYcqwIBDDBBAI5o5EHOzlx4QuotSbxDHMjeImj8p5SMRPDnPkY7IDyG+9nnp8taOia/aa3c3lpBmO/05lS+tW+9buwyAT0OQMgjt6dKyF17UptS/sF7hltfM8j/AISBVAEjZx5IGNomzxuxsz0G75K6+xsbbTbKO0sYhFBGDtUEnknJJJ5JJJJJ5JJJ5NHKg52Zuva1Y+HNObUNXm8i38xYw20nc7HCqAO5PFZFz4Wm8ST2+pa2rW1zaP5unRxkE2b/AN9j0ZiOCOgHvzXXyRpLG0cqK6OCrKwyGB6giuL1DVbrwpdf2XpKG+tNoJZst/ZSHoZD1aP0H3hj+6Mg5UHOy/Za8qa3H4f1gpDrDxNLFGgJW4jXrIp7e4PIPrT9etZZZ4dgXhDnLgd/c1qaPpsFjbtLFN9qnuiJZrxiC05xwcjjaBwAOAOlUfEH/H1F/uf1rDERXs2dWEm/aqxh/YLj0T/v6v8AjR9guPRP+/q/41NRXm8sT2uaf9f8OW9Os5xbzrtUkshGHB7N70toRfed9lIc28rQyrnDRuOoIPI4II9QQRkEE2dF+7P9V/rVbX7eOyVtct7hLO8gQRtIwJS5Td8sLqOW+Zjsx8ysx253MrdtOnFwR5tatKNR/wBdB9xEbS2kuLpkhhiUvJJI6qqKOSSSeBVjTI3kMVwqMI5I9y7xtOCOMqeQfYjIrG0WeTxVcC61y2ksXsnV10aYgtC/VJZccOcjKYyoIzy6/J1a9T9DWkacVJGEq8nFmHf+IEGtNoGlGOfWfJE7ROSFhiJIEjHuMjGByT6daz7fwNBo+pT67oxX+3rkf6ZcSt8t6P7rDOFHAwV6YGc81uarpsGoW6tLI1vNbnzILpCA8DY+8Ce2Mgg8EZB4rlrXxLqmsXSaZcW8mm2sp2JrKYEd57QjkoW7Fv8AgOeK6vZo4/aM6TQ/ENlrst3BasVu7CQRXls33oJCM7Seh45yM1e13X9O8Oaet5q0/kxPKsMeFJLyMcKgx3J454osbO30+1itbKJYYIhhEXt/iSeSTyTzV+aGO4heGeNZYpFKOjqCrKRggg9RRy8onJyOZuPDEniG6t9W1om2v7NjJpqxHd9iYjBY9nYjgg8Y4GDzVzT/ABJE2tr4f1Zkg1vyTOsKAlZogceah7DJxg8g+vWsa/1i88L3R0rTc3tmAN1xKS40lD0809WTHT+IDqcfNXT6TpsGnWzNDIbia4bzZ7pyC87EfeJHbAAAHAAAHApiOb8Q2U02tzPGE2kL1kUfwjsTWZ/Ztz6R/wDf5P8AGtbX/wDkMy/Rf5Cs2vCrRj7SXqfUYeU/ZRt2X9bkf9m3PpH/AN/k/wAavJZTLpsSnywfNc/61fRfeqtTv/yDof8ArrJ/JKmKirlzc21r/VvUPscvrH/39X/Gj7HL6x/9/V/xqCij3QtLv/X3mxoVu8WqozlMBW6SKe3sauX3iWJ9ak0DRnjm1dI1llV8hLeNukjHv7Ac/SszQv8AkKL/ALjfyrV1fToL23WaSY2s9rmSG7UgNAccnJ42kdQeCOterg0nT07nhZhdVdexRtfDh8MzXGpaG32m4u387UopGAN4/eReyvjgD7pHHXmtjQvEOmeJNMF/o90txbl2jLYK4dThlwe4PFcjYapdeKbn+zNVQ2VptJGMr/aqDqUJ5Efqv3iD6Hns4kWNUSNQiLgKqjAAHYCuyxwXLXmx/wDPRf8AvoUedH/z0X/voVlN94/Wkp8pPMa3nR/89F/76FYGqRl9SlZWjwduMyKP4R71ZrH1b/kJP/up/wCgCrhHUzqS0JPJb+9F/wB/V/xo8lv70X/f1f8AGs6it+VmPMdTpkTfYsDB+c/dYH09KxI9SXxnHcWuhTZ02OR7a8vAMEspw8SA9+xYjAzxmtvw7/yCz/10P8hVXxBEmlltcspVgvFCxvGQSt6P4Yyo5Lc/KRyM+hIrlk7SOqPwoyRFB8OdI+75Xhm1TOcktYr/ADZM/VhnvXUW8i3NmlxC26KZFdG6blIyD+VYmhSP4nmXUdZha2ns3Hl6TKRm0fHDydmfHQjIA6c5NdJP/q/xqblWINp9vzo2n2/OkoqhDlU7h06+tJtPt+dC/fX60lAC7T7fnRtPt+dJRQBR1/WrDw5pb6nrNwLa0RkQyFSfmYhVGB6kgViaj4Nh8apHL4vst0EL+ZZ2W/BgbtIzKeX9vuj3rs9qvDtdQysuCCMgiuM1DVbzwfcDTtA02fXbfaGWxt2G/T0PTLMceX/dX7wxhQVGBNx2LS6y2h39npXiOYebey+RYXQX/j6bGdjAfdfAz6H26V1ESlUwRg5rJ0C0hmjGsyXSX95dJg3Kj5UTP+rQfwqCOR1JHPQAbNFwOWj1SHx1azW+izhtGLPBd3YGDKR8rxICMjuCxH09ajMtr8N9IxMRF4YtUAWTktYL0CnuyZOAeWGec9aueIEXR2fXLBxFeNtje37X/wDdTA/j/usOR0PHSHQXbxJMuq6xG0NxaviPS5DzYvjq4/ikIPDdAD8vUkoZ0Jdbi2SSE70cBlI7gjg1UiuYZr2ezjfNxbhTJGRggMMq3PUHBGRxkEdQa0azNb0+3uIFvnuRYXNirSRX2QPJXGXDZ4MZCjcp4OAeCqsHcViz5T/3ar2VzDqdgt3YOJreVW8uVR8rjkblPdTjIYcEYIJBBrnNO1C48ZTtp2vWx0+1VNxsnBH9qx5A8znnyDkZQ/McgOAp2v2tDd1Ya0dzL+yzf88z+dH2Wb/nmfzrUorD2MTf28jL+yzf88z+dOvry306ETXsqwxblQu3RSeBk9h7nitKqdxGkvmRyoro4KsrDIYHqCKpJU9US5Opoxdp9vzqu95bpqEdk0q/aZEMixjk7R3OOg7ZPWuSv9VuvC1z/ZmlIb202glmyw0tD0Mh6tH6D7w/3RkdJpGnQWNu0sUpuZrkiSa7YgtOccHI4xjoBwB0qvaMXs0X5nENu0r52xqWbaCxwOeAOT9BTLaeG8tY7m0ljmhlUMkiMCGB7g1KfurXK63NJ4XnN5osD3kt47M+jxEBrh+rSR54Q85bOFOc8MfmPaMPZo6K7vLexWI3Uqp50qwxL1LuegAHJ4BJ9ACTwCauwr1z7Hg1zmgQx3+3XLmdLu8lQxqVBC2q5+aJFPKnIG4nDEqM8Kqr0UBPOBnpRztuwnBJXJ6KKKogKKKKACiiigAooooAKKKKACiiigAooooA4vVG1JPHsp0IK9z9iXzFljVlC7uMEuvOajsLKG/tZpriV01D+00a8Mm1BvXoqjOMY9CTS6tHZL4/ll1V76GA2KqkltLPGC27oTERn6GqVvZXKWbrbLcyae2rxS2pnDNIV/iJLfMRnu3NEen9faCXX+uht6hpNtFeXVnHrsFhFqh3TWjqhkcngmMlgRn6Gqg0XT5dU1a3S4e0ay+zyRzOF2wlIxtPJ5GOucVWvUS3j8Q2mpWkk99euxtSsJbzFIwgDAYGD9MVTm07UEnuGuoZZYoZbN7tdpbzEWMbv97Bxke1KPT5f18hvr8/6+Zr3ekW+paZf6nJqC6tcuiKs1iURYRG24FRuIyD8xyeenFY6h/EuoXFzcarFLFHpdxbD/VxYLBckLvboOSSQOR0qbWLaXVbnUrvRbWU6eYbcTosZT7Rtky4CnBPyce/Sq3iCSx1HXpG0e0ff/YN5GzCBk3HC4UAgZIz+tD2+/8AJ/mNb/d+a/I6e7sYNNms9Ui1m10yc2q2rPdBWjmQfMONy8gk8g9CahvNNjtbhdQuPEtvC95apbyXFzHHmUAkhozkBT857MOmc94EKad4jtL3V4ZDaNpUcMDmIuI5AxLrgA4JG3n2qnqEsZvzHY2g021k05Ugb7A0kkgLNmNFzsjPQ8qc7hnpTn1+f6/n+pMdvu/T8iPVdLttGsLLT5rqW4FvpF2kckcY+aP5PfrjH19qn0+PTrjSbTxX588cFnY+XJasoBZkUqGPPUAnA96yhb3U3hnSF+z3Bki0S7hkDRtlX+QbTx14q9b2F0strov2eb7HeRQ3sr7DtUpGAyE+5VOPc0dX/XV/oHRf12/Ul0WxtR4e0nWItVi00LDJDm/jUjDOSerABsjrk0rWNhoh0S0OvRvI13JNbySIhDqw5DYYZ68EflVKyNxa6Zo8csItcW8w+0zWjzlSXPyBAQASO5BpujxyQadoBuoLgG3vp0cywHcmc7SQBwOR0GKOv9dw6f12OitdNjsL3+zLDxBawR+aZBaeVG06gnJUEnp9VJ96be2Gnrp2q6eNVgae8uPPZDIisnzLkYJ9q561srn7CdMv7pYbw3m8hNLkkmLb8hhLv29O+OlX59PkHh/xIRbO08t/kN5Z3ONycj2pf1+Q+v8AXmX9W0S1We7SXXrewTVo1SRJVTzD8u392xbjPpg1R1Sy0+zmltNWuZZPJ0mJPNjjAyRKdhUZPzbscdKreJvtEz6xapF5EklqqxhLRppbn5P4WJKIAeMYz1780y/srvUYoZLeCZzHpdtIQVILFJtzLz3wOlPr/XZ/kL+vxRpWbO+oXT+JHuk1BdOYQfZ0CMIP4imxid+cd/TApunXF3PrOiR+J0uFGWfTjJEq7pRG3+tIY/Ps3EcAZz7Ysy6jHdeIo9bt4bh7PTdPlEpELBndipCKpGScL+opmiXkGu67banq8ri6QMLGxELhLbcPmZmKgM5HGegHA9aa3/ruxPb+uyOzopGUMOc/gcU3y19W/wC+zSGD/wCsj+p/lT6iaMb05bqf4j6U7y19W/77NAD6ZL/qz+H86ikltom2y3Co3XDS4P8AOo5LmzKHF1GT/wBdv/r0uZdyuWT6FysHxT4jfw7Dbulss/nMwIL7cYx7e9an2qy/5+4/+/8A/wDXrlPHdo+pWll/Z2242O+7bIDjgeprmxVSUaMnTep14OlGdeMaq93/AIBT/wCFmzf9AxP+/wAf8KRfiXKqhRpiYAx/rj/hXL/8I/qf/Pr/AOPr/jR/wj+p/wDPr/4+v+NeF9axnd/d/wAA+k+pZf2X3/8ABOvtfHb6tJJZS6esaSQSkssvOBGzentWX9ttP+fSX/v+P/iaqaJouoQakZJrfaggnBJde8Tgd/U1L/Z1z/dT/v6v+NU6lecU56v09BRpYanNqnotOvr5k3220/59Jf8Av+P/AImnw3toZ4wLSUfMP+W49f8Adqt/Z1z/AHU/7+r/AI0+HTrkXEZKp94f8tF9frUp1L7fgW1Stv8Aj/wTtJdX2TOvkZ2sRnf/APWpn9s/9MP/AB//AOtVeezna5kITgucfMPWo/sVx/c/8eFem51bnjqlQt/wS5/bP/TD/wAf/wDrVxHjHULP+383FnNI7QocpcBR09Nprq/sVx/c/wDHhXI+LtE1C61tZILfevkIM71HOPc1yYuVV0tuvY7cFChGtvbR9f8AgmJ/aGm/9A+4/wDAsf8AxFH9oab/ANA+4/8AAsf/ABFN/wCEc1X/AJ9f/Ii/40f8I5qv/Pr/AORF/wAa8m1b+X8P+Ae3eh/N/wCTf8E9K+HM0E+g3LW0LwqLkgq8m8k7V74FOmS40vXhqfiiX7XYRvJ9knyPL0/czfNIoUDJQhfNOdi5XIDO8jPhxY3FhoNzHdx+W7XJYDcDxtX0q42t/wDCSXF3pnhq5TbazPa6hfhQwtXXho0VhhpfqCq5BIb7rfV4O/1eNz4nH2+sz5drjdczqerw2+h/Lq9mwL3y/ctEbBZJP74YY/df7rZUhXE2uPLZ+Dh/aJNzNGkSzMHA3vkAnIUDrzwo+gqja2Vv8ONLMdmhXwxAGkdWYvJYDqz7iS0kfVjkll55K4CXfEMser+DPtGmus8N0kUsMgOA6MQwIz6g5rSvf2UrdmZYa3t4X7o4n+1rT/nyl/8AAgf/ABNH9rWn/PlL/wCBA/8Aiaq/2Tef881/7+r/AI0f2Tef881/7+r/AI181zVe34f8A+w5aHf8f+CX7XVbVryECzkBMigHzxxz/u10U2l2TTyErNksScSD1/3a5Sz0q8W+gJjXAkUn94vr9a7iWFzK/wB37x/iFduHUpRfOvwPPxUowmuR/iZ/9lWP92f/AL+D/wCJo/sqx/uz/wDfwf8AxNXvJf8A2f8AvoUeS/8As/8AfQro9muxy+1l/N+JBc3UNo6QrCzBI1AJk7Y+lQf2lF/z7t/38/8ArUanCxvByg/dp1kUdh71T8hv70f/AH9X/Gs5SmpNI1pwpuCb/Muf2lF/z7t/38/+tVDXb62NlaNLbSMDJKAFmAxwn+z70/yG/vR/9/V/xqvq+n3Nzp9oIEWTbLLnDrxkJ7+1ZzlUcH/l5m1OFJVIu/4+TMn7dY/8+U3/AIED/wCIo+3WP/PlN/4ED/4im/2JqH/PD/x9f8aP7E1D/nh/4+v+NcX73t+H/AO/9z/N+P8AwS9bXlmdPvSLSUAKmR545+Yf7NU/t1j/AM+U3/gQP/iKtWuj3w0+9QwfMypgb15+Ye9VP7C1H/n2P/fa/wCNXL2tlp+HmyI+xvL3uvfyXmL9usf+fKb/AMCB/wDEVo6Bd2j69aiO1lRixwxnBA4PbaKzf7C1H/n2P/fa/wCNaOgaRfQa7bSywbUVjk7hxwfeqoqp7SN11XQiu6PspWl0fXy9TuvtA/uf+PUfaB/c/wDHqi2H2/76FGw+3/fQr6uyPiLsl+0D+5/49WPqmqJDqDobcsQqnPmY6qD6Vp7D7f8AfQrD1iynl1N3jQFSqYO4f3R71dNK+pE27aDf7Zj/AOfVv+/v/wBaj+2Y/wDn1b/v7/8AWqn/AGddf88x/wB9j/Gj+zrr/nmP++x/jW3LAy5pnV6O63+mMyhofnZRhgSOBzyKr2l1Np93Hp2uvuaQ7ba9ACrcHsrAcLJ7dD29BNoCmz0WRrnCKjs7HOcDA54rLd7b4jaUY7dhJ4auFxJOpIa9HdUPVVz1bhuwx1rkn8TsdUfhVy61zPrF4YNFkMVpE+J7/aG3EHlIwRgnsWOQPc1oakEgsixBYbhxnFYw1KLwTbwWetTKmkhlgs70j7mThIpAO/QBu/fnk7Wro0liVQZO4d8Uo7jlsYv2mL/ni3/fz/61H2mL/ni3/fz/AOtTPss390f99Cj7LN/dH/fQro0MNS1Z3UYulKxMCASMv7H2q5/bLf8APEf99Vn2ltKLgEqPut/EP7pp/wBlm/ufqK4cTKUZLlPQwkISi+cu/wBst/zxH/fVA1ls/wCpH/fVUvss39z9RQLWbI+T9RXL7SqdvsqP9MnmuUFxIDGThj/F7/So/tSf88j/AN9//WpZ7aZriQhOC5xyPWo/ss39z9RUtyuVFU7L/Mf9qT/nkf8Avv8A+tWqnmS6Wfs58uRoyEOR8p7HkHv7H6Vj/ZZv7n6itiKVLPS/NuWEccMZeRj0UDkn8q2o83Nqc+JUeVcpg6Msul6wyeI387UrvCQ35P7uVQP9UgwAhHJ2/wAXXntHJHcaprrXvheT7LECEu7rI8u72sOFUqQWABHmY6cc8EEq23xG0vy1O/wzcLlpFJVr4eikYKJn+IYY9sd5l1VPB6W1jrs6rYM6W9lekYyScJE4HRuwI4Psa6jhOimx5fPrXHXMc+n64NS8RubvTo3Y2zgjZYkk/O6hRn5SB5hzsGR3Zm7KZSyYAzzXLvq7a/dXel+HJlLWsrW9/ebQwtXHVFVhhpMHuCoyCc/dNIQzW2XUtTgt9F41a1YMbxW+W1RsErJ/fDDH7rv8rZUhXG3YJPFpcMd9IZrlIAJpMj52C/MeFUcn0A+g6VztrpcXw801xYxMPDsQaWZWYu9l3eTcTl4+rHOSvOMrgL0dldQ6npkN/YSLNa3UAlhlXo6MuVI+oIoewLdEWY/7jf8AfX/1qMx/3G/76/8ArUeS/p+oo8l/T9RXBqejp3FUx7h8jdf73/1qfrNlf3NgU0e7W0ui4IldQwAzyMEHP6fWmLE+4cd/UVNrWuad4e003+sXK21uHWPewJyzHCqMdyeK3pX1OetbQyNFn03S9OuLa+zY3VsDLefaH3NKT1l3Y+cE9/oMDgUzQdMvU1A3Nr5ljoshZo7CUjcCf4gNuUUnnZkY698UXfhuXxRPb6nrBeymtG83TYkwWtn/AOeknZ2I42H5QPfkXrDxFH/a8eh6wY7bWGjaRIkJK3Ea9ZE9vUHke9b3OcvXySNazR2zFJjGRG+QNrY4PII6+x+hrndGzpmrSRa+TJql2cR3xPyTqORGgxhMcnZ35bnk10l9NHaW813csI4IYzJJIeiqoyT+QrlprWH4i6WEkUv4auFDBlYq98OoIYYKJnnIwx45AzuycpXNVGNgCTanrpv/AAy5tbYuou7jI8u92sPuKVIyFBHmdxhecKydHdpG6JvDcE4w309qwxqZ8LNa6f4gmVbaaVLWxvSoHmuxwkTgcCT3Aw2M8dBv3ETlEwvc/wBKmbk1YuHKpJopeTB/df8A77H+FHkwf3X/AO+x/hU3kSf3f1o8iT+7+tc/K+x1c/mFrFEtwCqtnB6t7fSsbxBZX016J5g97oybDNp8ZG6QjOT93LL0JQk7semQ27BC6y5K4GD39qzNQ8QRx6udD0zy7nWTEJvs7NgRRk48xz/dyMcck8V10VaJxV3eRBrF/pep6XBb20Zv5rob7RLeTa6lT/rA3WPaf4ux468VpaJBqNtZbNZulu7nfnzUAUY4wMBR/X+gxbbwxP4durjVdJJvLy7YPqUb4X7UR/EnaMgcBRwR1yfmra0TWrDxBZfbNJuFnhWVonIGCjqcMpB7g8VsYFlrgByNh6/3qb9pH9w/99f/AFqY8TmRuO/qKTyX9P1FcN5HoKMCT7SP7h/76/8ArVUvL5Y7jaYiflU5347fSp/Jf0/UVSv7WZ7olUyNq9x6Cs5ufLoa0o0+fUT+0k/54H/vv/61H9pJ/wA8D/33/wDWqv8AYrj+5/48KPsVx/c/8eFYc1T+kdfJR/pm/pM4ntGYJtw5GM57CsEx3Ol68NQ8USfa7UO4s7jI8ux3MfvqFAyVIXzD90ZXIyzPt6LE8VkyyDB8wnr7CsttYXxU11p3h6dTbQyva398FB8p1OHiQEYMnuRtXOeeh9KlfkVzx61lUdhNaD6nq8cXh9vL1WzOJL4fct1PJjfj593B2duG4IBrft4pRYwx3b+ZMsaiR8j5mxyeAB19h9BXMwQW3w40sxxDZ4ZtwWJZiz2A6kljkvHnnJyy56kY29RbXUN5Zw3VtIskEyLJG46MpGQfyNaGJzWvaZevqAubrffaLGVaSwjxuJH8RG3LqDg7CTnr2xT9an0zVNOt7ayBvrq5AlsxbybWjI6S7/4AD3+oweRVq/8AEkP9rvoekPFcawsayPE5IWCNukjn09hyfaqFp4dfwvPcanozG9nvG83UonIBuX/56R9kYDjYPlI9+SXCxs6NZX9tYBNYu1u7oOSZUUKCM8DAAx+v1pmqx3l8iW1tcfZLdyRcSxsRKV/uof4Sect1HbBwRNouvab4h04X2j3SXNuXaPevGGU4Zee4PFJPcw291BbzSBJbgsIlbjeRyQD647fX0prUQq2tkmmf2cLKD7F5flfZygMZTGNpU8EYqDSobrTRJayXBubNMfZWmYtMg5yjMfvgcYY/MR97JG43fLf+6agjuIprya0icPPbhTKg52bs4z74GcdcYPcU9BalO/vljvXUxFjgc78dh7VX/tJP+eB/77/+tS6lbSvqEhVRjC/xD+6Kq/ZJv7o/76H+NeVUlPndj3KUKTpxv27ln+0k/wCeB/77/wDrVpWMyz2gfYV+YjG7PpWJ9km/uj/vof41saZE6WIDDB3nuPatcPKTnqY4uNNU/dLeV9D+dGV9D+dG0/5NG0/5NeieSHneShdVz0HJpn9oH/nmPzpZUYwsAO471V8l/T9RXNUlJS0OqlGDjqWf7QP/ADzH50+G9MsypsAz3zVPyX9P1FS2sbLcoSOOe/tURlO5coQs7FXxLZaxewxrpF00UIRhcwJJ5TzqSvypJjMbYDjeCMZ7Eh0j/tPQT4Y8n7LGbT/jy/svyBu37f8Aj38r12846bfm+7zVnWfElho1xaWcr+bqGobxZWaffuGQAsATwAAQSSeBzWV/witx/a3/AAk32iH/AISXy/Kzk/Z/Izn7NjrjPPm437ufufuq6TkNDw1ZaxZQyLq900sJRRbQPJ5rwKC3yvJjMjYKDeSc47kF3vTzhZ2G3OPeq2jeJLDWbi7s4n8rUNP2C9s3+/bs4JUEjgggEgg8jmprmNmuHIHH19qqO5MhPtA/uf8Aj1H2gf3P/Hqj8p/T9RR5T+n6ir0J1G3ciMsZZG79G/8ArVV3Rf8APNv++/8A61WLmFykeAOM9xUH2eT0H/fQqlaxLvcTdF/zzb/vv/61XtOkRfMKIR06tn+lUvs8noP++hVuxidRJuHp3HvUz+F2Kh8SuYlw91p2ujUvEj/a9Ojkc2rgjZYZY4Z1CjPykL5hzsGR3Zmt+JbqG9SLTrWJptVOJ7RoZNjWh5AmL4Oxeo5BDjcu1gWFQPrX9v3N3pfhy4Qm2la3vrzaGFq4+8iq3DSfUFRkE5+6aumeFIfAsLt4TtHawlbzLuxMrSSM3TzY3ck7sAAoTggDbtOd/LdnVyxOl0k30OnrHqs6XV0GkLyooVWG4lcKBwAuBjkjHLMfmOb4lh1e9SMaZOyWwRhc20cvlvcDcvyrJtyhwGG4EdexIdbmiaxp/iDSYdU0a6ju7KcN5U0f3W2kqevoQR+FVtX8QWmk3lpYMfO1O+D/AGOzQ4ecrgtgngAAgknoKLyDliRSazob+GhALON7Vv8ARF01YgG3gf6ny+xA7dAOenNTeG4tYs4HXWLkzoQogjaQO0KjPys+0F2wVBYk5x65ZsseFLqLVG8RpNE3iFk8uTnEDRdfIA7AdfMxuzyfl+StXRdfstamura3bZe2LKl5av8Aft2YZAPY5AyCOoouw5YmhrMGpXOnmPRrtbS63qRK6hgB3GCDn9PrWZol7p+labcW94v2G5tgZbz7Q+5pSesu/wDjBPf6DA4FaWta7pvh/TjfavdLbwB1jDHnLMcKox3J4rDu/DjeKLi31PWSbKezbzNNiQgtbN/fk7Ox6bD8oHvyNTEm0Cy1BNQNza7rLRJCzR6fJjcCf4gNuUUnJ2ZGM++Kf4lu47e7hV4WkJTOQ+3HP0NTWHiSH+100PV3it9ZaNpEiQkrPGvWRD6ex5HTmqfiq2luLyBogGAjwfmA7+9cuKbVJ8p24FRdZc2xl/2pD/z6v/3+/wDsaP7Uh/59X/7/AH/2NVf7Puf7i/8Afa/40f2fc/3F/wC+1/xryOar2/A9/lo9/wAf+CdDod7HLHcFIWTaUzl85+97UkVm8+rHUNVKzvC7CygU/u7dTxvwR80pHBY/dBKrgFy8OgWssMNz5gAyyY+YH+9WrsP+z/30K9CjKfs1c8jERh7V2/rQp6pZLfNFdWrG01C3B8i5XnAPVHH8aHAyp9AQQwVhpWc8kkcYuI1WUp+8CNlQ2OcEgcZqHYf9n/voVLbofOHToehHpW0ZSuc8oxszD8QWV9NfCeYPe6KgQzafGwDSEZyfu5ZehKE4bHpkNb1LUtIudDTzIxfQXo2QW8fLTH0UdiMcnjbjnGKTUNeVNXOh6WEudZ8oTG3YkLFGTgSOf7uR25PSs238CLo2pTa9o+ZNduObyWZiI7wd12ZIj9ioHQbt3Od+aRz8sTV8OWmq2kDrrN0bjO3yVLhmiX+6zbQWPTLEnP6nR1u31O50/wAvRLxbO53g+a6hhtwcjBU+3+eDS0TXbPXJLmK0Yi6sZBFeW7D57dyM7W7dPSr2ta7p3h6wF5q1wIImkWFCQSXkbhUA9SeBVRbe5MklsZujX+maXpM9vcp9gmtBvvEuH3OzMf8AWFusm49G7njrxTPD1jqMN6Z4d1lor7zBp0mN0ecYP3cqv3iEB+XPphVhuvDMviS6t9X1cmzvbMl9MjTDfZCerSDpIWHBU8AdMN81aGn+I4ZNXGhaoY7bWhEZvs6klZYwceYh/u5OOeQeKogytfuYI9alWSB3YBeRJjsO2Kzftlt/z7Sf9/h/8TV/xDZzza3M8agqQv8AEB/CPesv+z7n+4v/AH2v+NeDWc/aSsuvY+noKn7KN30XUl+2W3/PtJ/3+H/xNTvd2/8AZ0J+zyYMsgA80eif7NU/7Puf7i/99r/jVl7C5OmwKIwSJZCfnHonv7VMXUs9PwNJKlda/j5Ef2y2/wCfaT/v8P8A4mj7Zbf8+0n/AH+H/wATUf8AZt3/AM8h/wB9r/jR/Zt3/wA8h/32v+NT+87fgV+67/j/AME1dCuIJNUVUgdDsbkyZ7fSl16zvX1AXN0HvdFjKtJYRkbiR/ERty6g87CTnr2xTNAsbiLVlaSPA2MPvA9qvX2uj+15ND0jZcawsayPE2QtujdJH9vQDk+1evgr+y97ueDmHL7b3exBrV7p2p6dBbWam9urgCWz8iTa0RHSXdj5AD3+oweRWnosN/b2KprFyt3c7yTKgCgjPAwFGP1+tYtp4Xn8MTz6lo6vdzXbebqUT4BuX/56R9kYf3B8pHvydrQ9YsfEOnrf6PcLc2xdkLqDwynDKc9weK7Tzh7FNx+Vuv8Ae/8ArUZj/ut/31/9anNBJuPy9/Wk8iT+7+tXoRqJmP8Aut/31/8AWrE1a4gTUpFeB2IVORJj+Ee1bnkSf3f1rB1iyuJNUkZEyNqfxAfwD3rSnbm1IqXsVPtdv/z7yf8Af0f/ABNH2u3/AOfeT/v6P/iaZ/Z11/zzH/fY/wAaP7Ouv+eY/wC+x/jW3umHvHWeHZEk0stGhQeYeC2ew9hWRFHc6Vri3vimX7XGSUtLvI8u03E8MoUAMQQPMx0445zreG4Xg0srKMHzCcZz2FZx1WPxjHcWOgzq2nq7297fAZwQcPEgI5bsSRge5rjn8TO2HwoTWVl1TWFXw43k6lagpNfgjy41I/1TjBDnoduPl68d+hVZEso1uG3yhVDtkctjk8AfyH0rmoltvhzpflt8nhm3XKyMxZrEejE8umf4jlhnnPbpRNHc2cc8Dh4pVDow6MCMg1BRHlfQ/nRlfQ/nSY9x+dGPcfnVkjlK7hwevrVf7QP7n/j1Tr98cjr61UMT+n6imrCZJ9oH9z/x6j7QP7n/AI9UflP6fqKPKf0/UU9Bak2qQ6hc6WE0e6W0uiyFZXUMAMjIIIOeO3H1HWqHhuW2s7eWwuEa21GLM1358m5pz3m38b1Prxt4XCgAVd1bXNN8O6P9v1m6S1to9iNI/wDeYgAcepIFYWp+E7XxysU/i23dLaFt9lZpKY3ib/no7KQS3+xnaO4J6ZGhJZQ3V9rh1Lw85s9LlkVrjdgLekdXRSp28cFhjdx6Bh1dc7Dr40W9tNJ8RzxrNdSCGxugu1bs44XaPuvgcjoeox0HQ7h6j86AOUtY7nStbS68VS/ai/7u0vcjy7bJ+4QFUKzcDfjngcdKdq6TarrH/FMv9n1C1Vop9QBHlqMH90wIIcg8jg7Dz3KlTqkHje2mtNFnV9JYtBd3q/x44aKMHv2Ldu3PIjSW0+HWliK4cR+GrdcRzsxLWQ7K56suejctzg56kA6gM8VunmHc4ADH1OOew/lWTdWMmp6mr6kyvYW7K8Foudskg53y/wB7afur0BAY5YLt1GlSe2SSJwyOAykHqCOKix7j86pCINTsodVtljm3xSxOJLe4hIElvIOjoSCM8kEEEMCVYFSQZbCa8Fmi6kYXuVBDvACqvgnDAHJGRg4ycE4yetOx7j86co+bt0Pf2oewLcf9oP8Ad/Wj7Qf7v61HtP8Ak0bT/k1z80jo5Ykn2g/3f1rO1uHULmzKaPdLaXJdT5rgMAO4wVOf0+tXdp/yar6jfW+m2z3N5IEjXA9SxPQAdST6VcNdzOfu7GNot7pul6bPb3iGyubcGW8FxJuaQnrLvx84J7/QYHAqPQbK+jvzcWwey0VyzR2EhG5Sf4gNuUUnJ2AjGfwqK78NyeJp4NT1gmzntG8zTokYE2zf337Ox6bTlQPfkaunarJJcnT9URLfUEXdtVvkmX++h7j1HUVpyxI5mas8Ek+nyrbOY5zGwjfI+VscHkEdfY/Q1gaLb/2brEkOvsZNVuziO+P3LhRyI04+TaMnZ35bLEk10gmjgty80iRooLMzMAAB1JNc1f2cHjyze0v4yvh58FkLFJL3ByCCCGRAcHIwzYHQZDTyofMyJbWfVNcOoeF5ja2jMgu7jI8u+2sPuKVIyFBXzB94YXnCsnXJGEzjPPrWFZX8miTQ6Zq8qyQMRHaX+Aok9EkAwFf3ACt2wflG7lX6NnBzwaLIOZsdRRRTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcXq1zu8dS2t1/a01utkrrFYTTIFbd1IjYfrUela60enyrM9zcCPVFt44p5nSaFT03nq30Oc963LvRNQPiJ9W0zULaB5IBA0dxaNKMA5yCJFqAeEtyNJcXvmXc12l1PKsO1WK9FVc/KPqSaI6Wv/AFr/AJA/6+4LnxNdBtQmsNPjuLPTmKzu0+12I5bYu0g4HqRWfH4oaHVtQlj8y5WdrdLO3Z8LueMH/gI6k1o3Xhi4eS+jsNSW1s9RJa5iNvvcE8MUfcNuR6hqjk8GQl53gumhctC9s3lg+Q0a7QTk/MD3HHX8aS8/67/8Aff+vQg1bxCsdte6d4g01TOqRtHFbzkrNvbau18KVIbv26is6W/fw/qFxDe6OfOfTJ7gXI1SaZikYB8sO43Lye3TgitLVPDUs1nfXupzy399IkaxmxgEfkhG3KURmbJB5OSc9BWeNF1XxFrEkuoXEgg/s2ezEjWJtwrSYGQjMWY8Ek5A6AY5o1+ev5Owadf61Ru/27dTXtvp2lWcc05s1upTcTsqRqxwo3BWLEkHt2qPUvEl5p8cYlsrWCb7P50q3V3sXdnGxCqsXPHp3FTSeH7mC+gvtJv47e6S1W0l8+3MscqKcg7Q6kEEnnPfpVebwtevffa11dHnltlt7iWezV24JO6PBAjPzHqGHAznHLl5ef62/QUfPy/S/wCpj614huL6zsb6wmntYrrR7q4CK5G1gEweO4ycGl07W7+LwC9vLcyTaqpW3imdsu5kUMjk+wbr/smtBPA7DSrOyfUtwtbKazV/IwWWTGCRu6gL+PtVmPwiiatZXv2xittarA0IjwsjqpVZDz1AJ496NNV0/wCC/wDhg1su6/4Bm6L4gu7LwjpZmdLmaSOQvc391sU7WIwWwSWPpik/4SnUNVfQLnTo4oYLqeRJ43mIyVByMhTxxntVuHwZNZx2P2PUYfNtYnhJuLTzFZWbdkLvG1h65P0pbTwbPZWtjFFqqyPZXTzo8ttner9VYBhzyeRj6Ubu7DZWIR49jMZu/KtPsIn8rm7Hn43bd3l46Z981JdeJ7mWz1Sb7Av2Oxm8kut2ySSHcoBG1eBz61NbeFLixbyLHULeKy83zArWCvMoJyVEhbGM+qE+9V9e0xNK8M6s0jzTRXdyJ5GiiBMK7gScFhkDHb8qX9fl/wAEfUn1zxZJoyzOttbmO3iWRvPudjyZGcRqFJbA9cVl6/4hvIr0zWE8kS3GnweWpORG0k23fjpkA/pTNWsEutWuLawvd6arZebMy26u8KBNoKyM4CBumCD36davy+GrV7GJtW1OOMNYR2oYhUwytvVwSxGQcccjin1u/wCtxen9bFi2M2j+LbbTYbm4uLa8snlK3M7SlZEKjIZskAhuR044FGgTaufGGsQazdxy7be3kihgBEcIYyjAzyT8oyxxn0AAFFtEbTxTYyareLf3lzbSR20kEAiijjXaWyCzEsxI5zjjoO72vbCw8YCdLpbmXVjHZCKIqfJaNZXyxz3yR07U+39dRdH8v0/4J0bEgcDNJub/AJ5n8xTqx5teMUzx/Z87GK539cH6VnOpGHxGtOlOo7RRpszb0+Q9T3HpT9zf88z+YrFPiDJB+zdP+mn/ANal/wCEhP8Az7f+RP8A61Z/WKfc2+qVu35HNeMjnXuRj90vH51gV1etraX16lxcRTb3iHCTAAdfVTWd9h07/nldf9/1/wDiK8SvT5qspJn0eGqclGMWtl5GLWnB/wAgZf8Ar4b/ANBFT/YdO/55XX/f9f8A4ir0FnY/2aFEdxt84nHnLnOB/s1MKT11LqVlZaPcxqK1/sNj/wA87j/v8v8A8RR9hsf+edx/3+X/AOIqvZPuT7ZdmZ9r1n/69Z//AEU1c5Xc21jZGSQBLgboZFOZV6FGB/h9Kz/7B0v+7ef9/wBf/iKmdCTirMqniIxk7p9P1OWqS3/4+ov98fzrpf7B0v8Au3n/AH/X/wCIp0WhaYsyEC7yGBGZl/8AiKyWHnfc1eKhbZm7P/x8Sf7x/nUdar2MDSMT5mSST8w/wpv2CD1k/wC+h/hXsunK58+q0bGZXPeI/wDkKL/1xT+Vdp9gg9ZP++h/hWBrlnZHUf3qXDMI1GVlUDGP901hiKb9mdWFrR9rp2OUora+w6d/zyuv+/6//EUfYdO/55XX/f8AX/4ivO9k+56vtl2f4f5nQeB/+QPP/wBdz/6CtWNctI9PV9csbiGwu4F/etJxDdJn/VygcnJPysAWVjxuDMjp4aEFtp0gtkkCmUk+Y4Y5wPQCsuSS4sNfW98Ut9psVlf7DNvBismLtjzAFX5ipAWQ5CgbMgkvL9DhotUYo+Vxkr4iTJtFuX8ZSfa9YtpbGK0cFdEuABIj9VknA4PTKKMqPvHc23y7vjJQnhOdUAVQUAAGABuFU9dnN9q0MOhrt1q3wTdqfktozyVl4+dWH/LPqeCCmN63r6BrnwulrqrPJKI4xM6SLuZxjJ3bAOvoo+g6VVeLdKS8mRhpKNeD80eYUV1P9g6X/dvP+/6//EUf2Dpf928/7/r/APEV819Xn3Pr/rUOzOcsv+P+3/66r/Ou1m/4+JP94/zqjb6FpiXUTKLvIcEZmX1/3K6d9KtmkZiZckk/eH+FduHoSUWcGKxMOZMw6K2v7ItfWb/vof4Uf2Ra+s3/AH0P8K6PYTOT61TOD8S/8hj/ALYx/wDoIrJr0HUvDOn3d55szXIbYq/JIoGAMf3aqf8ACIaX/fvP+/q//EVw1MJUc20ejRx1GNOKd9jia27P/kAwf9fMv/oMdbf/AAiGl/37z/v6v/xFSyaPYWVhDCouHTzHYZlXOSFB/h9hRDCzhdsJ4ynNpRvv+jMCitf7DY/887j/AL/L/wDEUfYbH/nncf8Af5f/AIin7J9x+2XZlaw/49bv/dX/ANCFFaVva2cdvcbUnwQucyj1/wB2meTZ/wDPKf8A7+j/AOJrXkaS1MfaJyen9WRQq1pn/IRi/H+RqXybP/nlP/39H/xNWNPhtft8WyOYNk4JlB7f7tXTh7616kVal6clboyWitL7DB/00/76H+FH2GD/AKaf99D/AAr6HmR8pyszapan/wAfx/3E/wDQBW/9hg/6af8AfQ/wqtd6dbSXBZ/NztUcOB0AHpTjJXJlF2Oeora/su0/6bf99j/4mj+y7T/pt/32P/ia050Z8jL/AIeGdLYHkeYf5CszXG/4RUnVNIiMvnNtl0qIc3bdjEO0mPwYdcYBGvYqtnYlLZS2SSBI/fHqB/SqumWMkNw2oaoy3OoyDBdfuQL/AM84weg9T1Y8njAHNLV3OqOiSINDhTXAmt6kyTzHIhteqWXquD/y0/vMfoMDrpa1/wAg8/74qnd2MqagNR0cpBdMQLiNyfLuU9GwOGHZhz2ORxVzUHSWzIkVtu4fdbH9KUdwlsc9RVzyrb+5L/38H/xNHlW39yX/AL+D/wCJrouc/KR2H/H4n0b+Rq/UVnFB9qXasgOD1cHsfar/AJEX+3/30P8ACuLEK8kd2GajF3KtA6irXkRf7f8A30P8KPIi/wBv/vof4VzcrOvnRBN/rn/3j/OmVDcahGlzKpgYkORnzOvP0qP+0o/+eDf9/B/hWbnG+5tGnO2xarUtwGtUBGQRgg96wf7Sj/54N/38H+FbMTPPpObbMcjxnYdw+U9uSCOvsfoa2oyTloc+IhKMVdGDrcp8JMdR0iFrgXDYk0iEfNcP/ehHQP6j7pHXB5NnQ7dNYCa3qMkdzcOMRQjmOzHdAD/Hn7zHknjgACq+iLLp+sNH4kbzdWnG2G8JBjlTH3IxgBCO64yevPaOVLjUNea48Kv9nRXC31zuAiuSCMqoKsC4AI3ge3PBXqOI6ysPXLKKzV9as54rC7t1y8j8RXCZ/wBXKB1BJ4YDcpPGQWVtyuTuI7my19b3xM5udNWVjZuGBjs2LHBkAUZJBADnIUfL1y8gAmi3b+M5PP1i1lsIbRgRo1xxJv6rLMOhHGUUZX+I5YKI+pkVUtXVFCqqEAAYAGK5/Xj9t1S3g0TjWoCGF0p+S1jJyRL/AH1Yf8s+rcEFMeYutD9pttAT+0H865ith5zbgd7hfmOQqjk55Cr9B0pPYqOrRTorO/tqP/n1b/v7/wDY0f21H/z6t/39/wDsa832sO563sKv8v5Gkv3h9a1Z4IrmForiJJY24KOoIP4GuZTWYzIo+zNyR/y1/wDsa1NSvb1rV4tM8mKdjtEs2SIxnlto+8R2GQPeuijUhrqcuIo1E1dGBqGs3XhK6XS7Bft9tJzGzkn+zFPeUjkxen8Q6dOR0ek6TBZRm4Mv2y7n+eW9cAtKT6Y4C+ijgD86r6dHb6batDDC0hkO6aWVtzzMerOcck/l2AA4qvYRzaVfMljt/syQFvszsc27/wDTM4+6e6noenpW/tI9zm9lPsdCwDKVYAgjBB71yutznwg5vtIt3u0uWO/RoBl5n7vCOgb+8OFPXg53bF1qskKsIbdXk2ZQPJtBOOATg4Hvg1l6W7Wsr3l+Bd6jMMST5wqjska/woPTqepJPNL2sF1KVCo9bFjQ7WPVFTXL+WK8uZR+6VeY7Rc/6tAf4sj5mPzEjsAqrs3H8P41zkzywaqNQ0hEheVx9sgdz5dwvTdwPlkA6MOo+Vs/KV0rjVwIkcwZyxGN/pj296mVWFtyo4epzbFuisz+2l/59z/38/8ArUf20v8Az7n/AL+f/WrL2sO5v9Xq9vyNRep+hrO1TSoL+ISFza3UPzQ3keA8JHfJ4I65ByCMg0RauGLf6ORtRm/1noM+lYmoXsmq3iRXcQGmINz26SndcP6OccIP7o+8epwCG66HvxvE4sQnTlaehXsdZu/FF4dKvP8AQbdPv3EJKjUlHXyD1VP7xzu7A4+auvtreG1jSG2iSGJcBUjUKB+ArAv7y01GzFvPZMoQgxPHLtaJh0ZSBwRUmla3drDHDqUcc0wfb50b7fMGeGK44PqBx6Y6Dfkkc/PE03/1jfU02natp15sS40qXdLExZ7aTaFuF7ruxlW9D09R6Mtr3TJ9NlvXna3SDi4WYhWhYdVYdj/PtXn+ykej7aItQXf+v/4Cv8qdptvd6ldG9l820sNpWC3ZR5k2f+Wj5GV/2VGDyS3UBbN3BCLghhISABwwHb6VMqbUdTSnVi5aGbRVzyIP7sn/AH2P8KPIg/uyf99j/CseVnR7RF3SP+PNv98/yFZ+uWselq+uWEsVncxD96rcR3a5/wBW4H8WT8rD5gT3BZW1dPVEtyIwwG7+I57CudEdzp/iBbvxU5uLbzGFhPuBitCXOA4CrhiCAJCCAPl4OWk76ekUeZVd5ti6JO3i9xfavA9olsw2aNOBvhfs8w7t/dA+UdeWxt6eUBYQqgADAAHaud1wPf6vHF4eOzWLcfvLsf6uCM87ZeDvz2Tr3yuM1sSSy2ejxG7/AH0yoiyHePmbHJyFAPPoo+g6Vdm9EZXtqzP1XSoL2PzxL9juoPnivEwGiI9c8FfVTwR+dc9Yaxc+K7ptMvlNhbR8u0ZK/wBpKO8RPIi9f4j06cm9fSSapfKl6i/2ZGA32ZJDmd/+mhx90f3R1PJ6YqfUJLTUrVYZrZ0MZ3RSxS7XhYdGU44I/Lscip9lMv20Dbt4IrZEit4kijXgIigAfgKnvrC21Kze2vYhLE3UZIII6EEcgg8gjBB6Vh6Xqd2IYotSSOS4DbTLExAcZ4baRwT3GSPer+qrfXqx21pOLSByftMyMfN2/wB2PjCk926gdBkhlahKO5Mpxlsc83iDUodT/wCEcW53Dd5I8QFFKxn/AJ5MMbTcdhxszyRn92es0/TrbS7QW1lHsQEsxZizOx5LMx5ZieSTkk1AtlYrpf8AZosovsWzYYCuVK+hHeodKivNP822mn+1WaYNrJK5MyLzlHP8WOMP1IOGyQWarMm5n6x/yFZv+A/+giqVdBdafBc3LSyGQMwGdrDHT6VD/ZFr6zf99D/CvMnRk5NntU8RBQSfYxa29K/5B4/3z/Sk/si19Zv++h/hVu3t47aAIm8jcTyR/hWuHpyjO7MMVWhOnZD6KXK+h/OjK+h/OvQPLI5v9Q31FVK0ViSZSp3AdetY+oRXOlXhvGaW60xgBLGqjzLUj+MYGWT1HJHUZHA5qkHKV0dVKpGMbMnqW3/14+h/lVW9vrSKOBNNzqF3dLut4YpBhl/vs2DtQd2/AAnir2mabNa2qC+uzdXPJkkCBFyeyqOijOBkk4AySeaiNOSdy5VYtNEV/p1pqdsYL6ESIehyVZDkEFWGCpBAIIIIIBHSuU/t/Ujqf/COfaON3k/8JAEXZnp5WMbftXtjy8/NjP7mug8S6dq9zHF/Y87rCqt9qgjlWOSdcr8sblfkYgMA24YyRwWEkbPtHh3/AIRXZ5S/2f8A8e32Lyvn3/8APHy8Z3/7OM9/euu5x2L1hp1pplsILGERoOpyWZzkklmOSxJJJJJJJJPWluP9cfoP5VT8Nadq9tHL/bE7tCyr9lgklWSSBct8sjhfnYAqC245wByVMkmpLDGZTndn2P8A9ammS0U6Ks+RH/t/99D/AAo8iP8A2/8Avof4VVxWKV1/q4vxqtWlcQxbUBDnrjDD/CoPJg/uyf8AfY/wqk9CWtSpV7T+kv4f1pnkwf3ZP++x/hVuxhjy4XcOmcsD/SpnrFoqGkkzI1uzislfWbOeGwu4Fy8knEVwuf8AVyAcnJPDDLKx4yCytkaZq1x41ma01SwutDtohul067ws96vTJwceTnqAcseGwuRJentZ7HXheeJ5GuNNErGzkDAx2bFjtMgCrkkEAOchfu9cvJc8TR2twkNlbJLNq7fvLLyJAkkB6eaXwQiDvkMGGV2vnaeXlZ086NeGNIlCRIqIAcKowBVXUNNtNUtzDeRbx1VwSrxnOQysOVIIBBBBBFT6RaXsGnImr3C3F3uk3yxgKrAuduFwNo2kYU7iOhZyC7ZviXTdWuViOlTSfZVRvtVvFKI5Z13L8sbFfkbAYbtw6kcEiRDlY+dGAuvalNqX/COtcFRu8o68qqFkP/PNRjaLj142dwM/ux1lhp9rptusFlCsSDrjJLH1ZjyxJJJJJJJqhJP4ebwuqCIPYt/o6WSxYfeP+WQjxkOPTqOvvUvhvTtXtoZP7auGkRgv2eJpVd4V5+V2Cjc2CuWyc49QWc5WHOjQuYIrmN4riJJY24ZHUEH8DXH3+sXPhS6XTLFTf20nKM5Lf2ap7ynqYvT+Lt05HV63ZahcaeV0W6W2uy4IkkwVAzzkFWz9OPqKzdDfTLLTbmG6DWd1AN9+t1IGdieshfHzg9iOO2B0o5WLmRY0rSoLKPzzJ9ru5/nlvHA3Sk+mOi46AcAfnWX4q/4+rf8A65n+dT6Bp96NR+0WRktdBcsYrOUjfkj74BTKoTkhMjHXodou65YW09xEZ/NJVMDY4Hf3BrnxFNum0deDqRjVTONore/smw9Lj/v6v/xNH9k2Hpcf9/V/+Jry/YSPb+sw7Mi0T/j1uv8Afj/k1X6ksLG1ggmEYmwzLndID/e/2aznuG0e9ddWZ5dPmkJhvMqv2ck/6uXAxjJwr8cYVvmG5+2nTagkefVqxdRv+tkXat6Z/wAf6fQ/yrK1C833LaboqGS+x+8lkbdFag9GcADJ9EBBPqBlhsafCloI/nmnkjjwZJWXLkDknaoGT7AD2rSMbSTMZzTi0izquk2+oRiUubW6h+aG8iwHhI75PBHqpyCMgiuXtfFepa5fDRntpdLRzs/tlRiG7A6i2zk7j/tdOcbsDM/iCTUJb8TXKSXWhqFM9lC43sRnLEBMsg4JTcd2PQFWu6nrekz6CvnwJd2twAsEMRyZT2CAd/5Y7Yrt9pE872U+xu2On2um2y29jAsMajovU+5PUn3PNPuLaC7gaG6hjmicYZJFDAj6Guf8Ny6xbwuutS+duK+QrSBmiX+6zBBubplsnPt1N7Xf7Un0/wAvQ7hLW63j945GNuDkYKN/T15xg1FqWxMouO5g3+t3fhW8Gk2eb+3fGy4mJYaYp6eeerJ/dP3uxOPmrpNK0m30+IyBzdXU3zzXkmDJMx75HAHTAHAAAFZWi6lpllpNxFPF9jlgG6+S6fc5Y9XZv493Zuh/SofD0eoR3xmtw9roTBzb2MzDemcYbBXKqeSE3Dbn0IVKsyLlHxN/yHpvov8A6CKya3PEElr/AGzL50MzPtXJWYKPujttNZnmWP8Az73H/gQv/wARXz1aK9rLXqz6zDyfsY6dF2/zK1aEX/IKh/67SfySoPMsf+fe4/8AAhf/AIitK2W0k0yMiKYKJXwPOGc4XvtpU4rXUdST00/Lt6lKir/k2f8Azyn/AO/o/wDiaPJs/wDnlP8A9/R/8TV8nmR7TyJPD3/IYT/db+VburaTBexi4Ev2O7g+eK9QANER654K+qngj86ytKFvDfCSKOXcqn70gI6f7oqnr0t8+oi4vUe60Jdpls4nG7I/iYBAWQHkruOevQYr0sM1GFmzx8apTq3S6DdP1m68W3TaZfodPto+ZChI/tNR3iJ5ER7/AMR6dOT2MEEVtCsVvEkUa8BEUAD8BXLa5q9hfadbw20P2q6mAexFrKFdD2kDYOwDuSCO2D0rS0S51KGxWLWpUuboyHMseApBPGAFGPpz9TXT7SJxezn2L56miojcKGPyHr/e/wDrUfaF/uH/AL6/+tW5hdEtc3rP/IVl+i/+git/7Qv9w/8AfX/1qxdUe3OoyGSKUsVXJWUAfdH+zV09zOpZozKKsb7T/njN/wB/h/8AE0b7T/njN/3+H/xNb3MLHQ+Hf+QWf+uh/kKqa5bpoyvrenPHbXCACWE8R3g7IQP48n5WHOeOQSKm0m6SHTx5UTBS54Z8nt7CsKC6ubDXEufFP+kqWK2VxvBitySflYBFAcggbyOnHHO7kknzM64tcqL2iSHxaw1LV4XtxbtiPSJh81u/96Yd39ByoHTJ5roLwBbXAGACAAO1crrV5Lf6sq+HF8nVYBtmvAw8uNP7kgwQ5PZcZHXjv0cErz2SR3OTIqLvYMDlscnO0D9B9BSs0NtMrUVZ8iP/AG/++h/hR5Ef+3/30P8ACruTYhi/1yf7wph61bSGMSKRuyCO/wD9aqmq2F7GIrrSnMxhz5tk20C5U44VyPlcY+XJ2nJDYyHRXQcrCiov7V0j+yft4nlKb/K8nYfN83/nl5eN2/8A2cZqXSrC9kWW61VzC02PKskKkW6jszgfM5zlsHaOAM4LMcyDlZamhiuIfLnjWRGUZV1yDx6Vx+pazc+DZxY6bp91rls43R2lrhpbFf8AaJP+q9O46DIwF6zWLK/n04po1yttd7k2ySAFQARnI2nPHYYJ9R1qh4bS0gt5rSZJLfUo/nvRcSB5JG/56b8AMp7EAADjC42ibl2I9FsYp1XV7q4iv7u4XKzoMxxL/cjB6Adz1J69gNs/cWubs7Se8137Z4cdrbSmlBuSzAJdtnlo1KHHuwxu6D+8Or8lcAZPFFwsctrcKaGH1rTSsMwwstqOEvfRcD/lp/dYfQ8dIdFb/hKCup6tE0Xktti0qUc2rdzKO8mD9AOnUkvtLWfTtcjl8VyG4dzssrvcDFDn+AgKoDn+/j5ugx0p2s20moawV8LuYtThUpcXoYCJFwcRvlSHbPIGDt6nj5WLhY3pRi3IHAyKrVopa5t0SZmLYG45BycfQfyFY2oJcaRetdzNJdaVIB5oVR5lmQMbgAPnjPU/xKcnlT8jUkS4ssVLb/64fQ/yqrf3tvEsMOmD7fe3SB7eFJAFKn/lo7gHbH/tYOegDHAq5Y6fLY2C/bbtry5VWaSXyxGrE5JCqPuqM4AJJwBlmOSRyVgjF3RNRUP2lf8Anmf++v8A61H2lf8Anmf++v8A61cfMju5ZdiaqtwoaY7gDggjI6GpPtK/88z/AN9f/WqHU7W4uLZjp9x9nuQQ6F1DI2P4WGM4PTgg+la05RTMasJNISkKgsGIBI6HHSqtnq1nLbzHUA1hcWq5uYZZB+7H94HHzKexH8+KTTjd6lefbGElppwUiGBgPMnz/G+RlR6KMHufStvaRMPZyL0gDQoGAIIIIPemjjpVx7Fbi1ZFllhYqVWRNpZCe4yCMj3BFZenyvFdrpmuHZe4PkzoMR3YH8S/3W9UJJHbI5p8yE4snZQwwwBGc4Iq7YHBfAz0/rWQrS6zfLHo8zRWEEgM99gN5xB/1UQIwR2Z+QBkLydyb8NusGdhJz60NpoEmmS0UUVBYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAU2SNJomjlUMjgqynoQadRQBwWiaUtn4Q8R7IpfNJuYUL5LeWoIRRnsB0qC5huoNT0y4uZ7S2tP7NSOJ76ye4jV8/MMB12sRjk5zXolFH/A/Jr9Q/r8v8jzC50y/Om2MOlXMl1LJaagbeRbZoAm7aVVQxJA7KSfSrsr6Rc+IfCQ0e1KTW87CXbAVMS+S42uccHIHX0NehUU0weqt6/iIRu65H0OK5S6ikN5MQjEeY3b3rrKKwq0vaJK50UK3sW3a5xvkyf8APNv++TR5Mn/PNv8Avk12VFYfVF3Or6+/5Ti7+GQvDiNz+6H8J9TVTyJf+eT/APfJrv6KTwabvcqOYOKty/icB5Ev/PJ/++TV6CKQacB5bZ808bT6CuxooWDS6ilmDl9k43yZP+ebf98mjyZP+ebf98muyop/VF3F9ff8pylrFIJmyjf6uTt/sGoPJk/55t/3ya7Kin9VVrXF9ed78pxvkyf882/75NOjik8xf3bdR/Ca7Cil9VXcf15/ylRgdx470mD6Vcorp5Dh5yng+lc7rkUjakSqMRsXkD2rrqKzqUeeNrm1HEOlLmscB5Ev/PJ/++TR5Ev/ADyf/vk139Fc/wBSX8x2f2k/5fxMHQUddPcMrA+aeo9hVa/vLjVZpdJ0YqMHy729ZA6W690UHIeUjgA5VfvNnAR+npqRpGpEaKgJLEKMZJOSfxJzXdTjyQUTzKs/aTc+5xun6cvgS3FtZxSSaBncSS0ktmx6szHLSRn1OWQ+qH93vXpE2lu8J8xXCsrLyGGRyK1uvWmoiRRrHGqoigKqqMAAdABTl70XEUHySUuxx/kyf882/wC+TR5Mn/PNv++TXZUVx/VF3PQ+vv8AlORhikE8f7tvvD+H3royDuPHerdFa06PItznq4l1GnYp4PpRg+lXKK05DH2hl3CsZuAeg7e1RbG/un8q2aKl0rvc0VaytYxtjf3T+VVtRjcww4Rj8zdB/u10VFS6F1a5UcS4yTscb5Mn/PNv++TR5Mn/ADzb/vk12VFZfVF3Oj6+/wCU5SKKT7NP8jdF7e9QeTJ/zzb/AL5NdlRT+qruJY5q/unG+TJ/zzb/AL5NWtOjcahESjAZPUe1dRRRHCpNO4pY1yi1ylPB9DRg+hq5RXdc86xTwfQ1BcKxmOAeg7e1adFHMJox9rf3T+VG1v7p/KtiinzC5SjCp8kcHqe1OwfQ1copXKsU8H0NQ3isbVsAnkdq0qKOYLHN+W/9xvyo8t/7jflXSUVXtCOQwrNGF0mVYde3tWjg+lXKKzn77NYPkVing+lGD6VcorPkL9ocndRSG8mIRiPMbt71D5Mn/PNv++TXZUVzvCpu9ztWOaVuU43yZP8Anm3/AHya6fTyI9LiMh2hUyS3GKt0jKHUq4DKRggjIIrSlR9m73Ma+JdaNrWOY1C1TxzA9i6sugk/vZgSr3ZHaNhyqDu45PQYGSbOn3Enh5odJ1PBtMiOyvQoCsO0cmOFcevRuvByK3lUIoVAFUDAAGABSPGkq7ZEV14OGGR610HIOrE1C/n1OeXSNG27/uXl4yhktlPVQDw8hHRTkL1bPCtt01I0jBEaKoJLEKMZJ5JoA5bT9Mj8A2/k2MckugElpNxMk1m56uWPzPGe+csh9UP7vobuRJ9InkgYSJJAxRkOQwK8EetWqbHGkUaxxIqIgCqqjAUDsBSaurDi7NM4LyJf+eT/APfJo8iX/nk//fJrv6K4PqS/mPV/tJ/y/icHFBL5yfun+8P4TXSyI3mt8p6ntWvRWsMMoLc56uMdRp2MbY390/lRsb+6fyrZorT2PmZe3fYwLtHMwwrH5B2qDy3/ALjflXTUVLoJu9y1imlaxzPlv/cb8qS5jc2sWEb77dvZa6eil9XVrXKWLaadjjfJk/55t/3yaPJk/wCebf8AfJrsqKj6ou5p9ff8pyUEUgMmUb/VP2/2TVLyZf8Anm//AHya7qiuyh+5jy7nBiZfWJqT0OF8mX/nm/8A3yafBDKLiPMb/fH8J9a7eiuj23kcvsfMp6lqlvpdurz7neQ7YoYxuklb+6o7n9B3rm7jwQNb1CPXtXkNvrcXNr5LFobUD7qsmQJvct77dvGOuMaNIrsil1ztYjkZ64p1YG5maXqzXMrWWowi11KJcyQhsrIP78Z/iU/mOhANLeKxumwCenb2rQMaNIshRS6ghWI5APXB/AU6plHmVi4T5Hcxtjf3T+VGxv7p/KtmisvY+Zt7d9itYgiA5GPmrK1C6l1uWbSNJKiHJjvb0qGWId40B4aQjjnhepzwrb1NSNIl2xoqLknCjAyTkn8zmtoqysYSfM7nMafZJ4Et1tIEZ9AzlXYl5LNj13scl4z/AHjllPXKn5NrVSJdL3RHerFSpXkEetXyAykMMg8EHvSIixoqIoVVGFUDAA9KpOzuQ1dWOS8qT+435UeVJ/cb8q66itPaeRn7PzOUt4pBcxZRvvjt710BBz0NW6KmU7lRjYp4PoaMH0NXKKVyrFVwd3TsP5U3B9KuUVk4XZqp2RTwfSnEHYOO5q1RTjGzuKUrqxTwfQ0YPoauUVpczsQwAhjn0qhqerSxz/2dpEaXGpOuQHz5dup/5aSY7eijlugwMkatNWNFdnVFDPjcwHLfWpGcrZ+HZPCEst/pAkv1um8zUoWA8yRv+esQHAx3iHykfdwww/S2d5b6haR3NnKs0MgyrqetT01I0jBEaKgJLEKMZJOSfzoAp6nqsGlxJ5iyTzzHbBbQgGSZvRQSB9SSABySBWB/wit5/af/AAk/mwf8JJs2+VuP2Xyv+ffpnp/y3xv3c42fua6sxoZFkKKXUFVbHIBxkZ/AfkKdQBR0zVYNUify1kgnhO2e2mAEkLejAEj6EEgjkEipZQfMPFTiNBI0gRQ7AKzY5IGcDP4n8zTqaAp4PoaMH0NXKKdxWM64UkJgHv2qDa390/lWxRRzC5TH2t/dP5VbsAQz5BHAq7RQ5XBRsYmoX82pzy6RopXd9y8vGQOlsp6qAeHkI4CnIXOWzgI2ZpvhiLwEry+Gree40+Vt17aPI00wPaWJmJY4HWPOCOUwwKydYkaRgiNFQEliFGMknJP506pKIbS7t7+0jurOZJoJRuSRDkEVX1TVodMjRSj3FzMdtvaw4MkzegzwB6scADkkVcSNIlKxoqAksQoxyTkn8SSaDGhkEhRd4BUNjkA4yM/gPyoA5RfCt5DqR8TJJC/iFl2yRbiLZo/+eA4yCB/y1xuJ5I2/ux0GmarBqkLNEHiliO2a3lGJIW9GH9RkHqCRV2miNFkaQIodgAzAckDpk/iaAIr29t9OtHubyQRxJ1J7nsAO5PpXNXfhuXxXcQ6pqu+wktW36bEoBaE/35R0cn/nmeAP9rkdU8aSY8xFbaQw3DOCOhp1AGXpmrPPMbDVI1ttSjXLRqTslH9+Mnqp9Oo6H1purqzTx7VJ+XsPetQxo0iuyKXXO1iORnrinVE48ysaU58kuY5ny3/uN+VHlv8A3G/KumorD6uu51fW32MO2RhDJlT95e31rIvrmfVppdK0gcA+XeXpQMluO6KCCHlI4wcqudzZwEfs6akaRKVjRUBJYhRjknJP4kk1ao2W5k8Q272OCsNOXwPbi2tIZH0HO7cS0ktox6lmOWeM+pyyH1U/u+ntyJFEkZ3o6Eqy8hgRwQa2OvWmoiRRrHGqoigKqqMAAdABT9l1uT7bS1jltS1KS3lWy0+D7VqEi5SInCoP78h/hX9T0AJrFt/BR0a+k1zSi0+sy83XnMRFc5+8qpyIvYr7bt3JPoYjRZGkCKHYAMwHJA6ZP4mnUey8x+2v0Od0vUItSTfCro8bbZYZFw8TejDt/I9qv397Bp1s9xdvsjU46ZLHsABySfQVoiNFkZ1RQ7Y3MBycdM0PGkm3eittO5cjOD6itIR5DKpPnOLuvDU/iW6h1bU91hdWp3abEBu8j/alHSQnuvRR0O75q2NM1R7mVrLUIRa6jEuZIQcq4/vxn+JT+Y6HBreppjRpFkKKXUEKxHIB64P4CruZ2OI8QwyvrMhWN2G1eQp/uisz7PN/zxk/75NemUV508Epycubc9anmThBQ5dvM8z+zzf88ZP++TWvZQyjS0BjcHzn42n0Wu1oojglF/EOeZOa+H8TjfJk/wCebf8AfJo8mT/nm3/fJrsqKv6ou5n9ff8AKcxp0bi6OUYfI3Ue1R6jqMsMwsdNhFzqEi5VDnZEP78hHRfbqeg9R1dNEaLIzqih2xuYDk46ZrWNBRVrmE8S5u9jgLXw5N4Yml1HS1kvXuW36jEy/NKf78Q6KR/cHBHvyej0+6hv4Yri0fzImPDAdOeQfQ+1b1NSNI8+WiruJY7RjJPU1XsvMj23kZTK24/KevpSbW/un8q2KK6eY5OUx9rf3T+VZGqRSNqLlY2I2pyF/wBkV19FOM7O4pU7qxwvky/883/75NHky/8APN/++TXdUVftvIj2Pmc9psbjT1BVgd7dR9Ky76WXX2l0vTh/ouSl5ebchR3jjzwzn16L7nArtabHGkSBIkVFHRVGBWbndmihY4WwtB4LgSzSN20Qf6uYks9qT2kJ5ZT2c5I6HjBrqrX5kZl5VgCCOhFaLKHUq4DKRggjIIoVQihUAVQMAAYAFLmHylTB9DRg+hq5RRcdiqoO8cHrUep6rDpcSb0knuJjtt7WEAyTt6KCQPqSQAOSQOavU0xoZFkKKXUFVbHIBxkZ/AfkKTdxnKf8IrejU/8AhJ/Ntz4k2bTHub7L5X/Pv0z0/wCW+N+7nGz9zXQaZqsOqQuUSSCeE7Z7aYASQt6MASPoQSCOQSOau00RoJGkCKHYAMwHJAzgZ/E/nSAivL230+0e5vJVihjGWZv5e59q5fUfCkPjnZc+JYJ7e1iO6ytY5GilX/ppIynOT2j6AfeBJwvWvGkgAkRXAIYbhnBHINOoAxdO1CexuI9K1rYs33ba6Rdsd0o6DHRXA6r0PVeOBtU140k2+YittIYbhnBHenUAc9qEreJvO0qw/wCQecx3t5gEEd44vVvVui9uekWnwr4Jhj08qzaEMC3uCSzWpP8ABKerLnpIeezdiekjjSKMJEiog6KowBSuiyIyOoZWGGUjII9KAFBDKCpyDyCO9ZOp6rMLg6boyJPqTKCTICYrVT/y0kwQT7ICCx4yoyy6wAVQFGAOAB2pqxojOyIqs5yxAwWOMc+vAFAHK2Ph5vBbS3ejLNfW1y5l1KFhumZz1miwPzhAC45QKQVk6OK7gv8ATRc2UqTwyoSjochhVmmpGkSlY0VASWIUY5JyT+JJNDGtGZGxv7p/KjY390/lWzRWHsfM6PbvsY2xv7p/Kpr68g060a5vJBHEoGSe57ADufatOmvGkm3zEVtpDDcM4I71Sp26kSq36HF3fhuXxTcRanqgksZbVt+nRKAWhP8AflHRyf7h4A/2uRr6bqsk8xsdSiFtqMa5aMHKSj+/GT1X9R0Nb9NMaNIrsil1ztYjkZ64quQnnGIyxwF5GCqoJZmOAB61zeoWKePLdrS4R08P5yzhikt4w6FGGCkY/vDDMemF+/1DosiMjqGVhhlIyCPSlAAAAGAOgFUtEQ3dmDp93LoksOkauQYyRHZXoQKkw7RuBwsg9sK3Vccqu8RnHXr60140lXbIiuuQcMMjIOQfzGadTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABTZJUiTfK6ovqxwKdXBeMtXNj4j0/+3NMaXSkcgMD5iS7hjJXHDqeQpzkE4ORikBveIP7ce609/DrJhWZ5fM5jkXacKe4yehHSr2j61Bq8DbFaC5hO2e1l4eFvQ+o9CODXP6TPa6brllDoF4t3pOpKxW3R932cqM7l7heMEHoa6sWduLw3YhQXBTYZAPmK+lVsImJCgknAHUmsjXJ7uTSR/Yzl3eVUeSDDMiE/MR7isn4g3t5aaKPKsmmsywM8qOcqAejKBnaemQePSsyK/0qG2g13wrMtu3mJHdaaDgSbiBjZ2YdQR1xSWo3obenXTaTr+o2V3fyyWUVulwJLuTcY85BG49uO9dFFKk8KywuHjcZVlOQR61i3fhWz1DxAurXbyuPLVTak/u2KnIYjuRVrxBPe2uh3D6batcyBCCkb7XVSMFkGOSOuOM0m7IErss3Vw5s7r+zzHNdRxsUj3D7+DgH05rlEPibSbyGe1t7zV/MtPMvILmdI0STOQIzgjP3htHGMcjvj6FcaNquiLJY3CaPrtkhYyklfN25yWz99STznkZ7Guwt7UeJtGsr28kvLVprcF4YZmjB3DkEDrTs1t/W4Xuael6jBq+l21/a7vJuIxIgcYIBHQ+9TvNFGyrJIiMxwoZgCfpTYLeK0tY7e1jWOKJQsaLwFA6CvOX1XT5fGV9aeNdPFs06IIpJWLJBtPBR+MIxwwbjByGxxQ97IOl2dH4pm1a11fS59Ku0iXEqvDMcRTELuAY9uFbB7Ve8NeKLTxPayTWkUsJiIV0lK5zjnGCcj34B7VlaXYw6lNd6Dqj/ANqWmnvHLb3DNk4bOI3I6kY/EEZrq0t4YpC8cMaOVCllUA4HQfShAOkljhXdK6ovqxwK5TxneXdu1ozCZtIY/vvsZPmySfwKT2QnqRWd4u1cWXiexHiDS2k0sEqrA+ZHJkfeIxwy/wB3nI5FXdKltrHWraz0a7W80nUY2dIVff8AZiB1U9l7YPQ0LXUb0NS01u+i1S1sNY0yO0N1GTBJDdGcEjqrZRcHH1HvW4SFUliAB1J7Vm2eg2tneC68y4uJlUqjXExk2A9duelYXxCvruz0pMWLT2O9WnkSTpg/cdcfdPrnr1obEkXPFeqC0s7Sb7TJDprSkXdzbPhkAGQNw6AnjNR6br15ajTYtR05o7O+Oy3uftnnuGILKJAVGCQDyC3SsYz6MbWHVPDjx+RcSrBeaUR8soc4I8vswznjqBXUaf4W03TpopIBOVhJaGGWZmSEn+6p6elNK2/9f10E9djZqne3NwbKcaOLee8X5VSWTCKScZbGTgcnHfGOOtVvEtxfW2g3D6bavcyFCrCJ8SIpGC6D+Jh125GcVxGiXGjapoKXGl3MWja7YRbmkLFRLtzlmz/rEJJznkZ5wanuV2Og0aG40LxZLZ6jfS3bapbrMs8vAeZCd6qOijaykKOyn0rrKxoYIPE+g6beX9vJBKyx3SBWKvC+M8Hr3I9wa1Ll5ktZGtYllmCkpG77Qx9M4OPyqnpo+glrqglnUbo43jM+0lIywyT9K4Ky1TXxqsH2SK+vL9Ed9Rsrt/IiUZwvlkgjqONvBHUiqekXuj6rqN/p/iKCTTtWe4LxXErbZEYjhA/Yjt2YYI710OjWC67DJNfzzfbLOR7T7baymP7Sgwckjr159waSvuD7HQaRqcer6ZHeRRvFvyGjkHzIwOCDj3FW5JY4V3SyLGvqxwKjs7OCwtI7a1QJFGMKK4XxVq6Wniy0TxJpZfTMMiNnzI3z/HjH3h3HpyKHuHQ0Na1D/ifz22papcaVaLAr2c0LbVkb+IlsfMR/dNXPCWuX+oQtZ61D5d7FGsquFwJo2+62Ox4wR61T0mSGz1qLT9Ivjd6VqEDSxrHJua1I9G7Kc8ehFdDp+jW2nTyzxvNNPMAHlnlLsQOgye1NaIHqXmYKpLEADqT2rn/FN3Jbyaasl1NZ6dNOUubiE7WU4+QFv4VJ4JHt61H4xvpYdPks7iDytPvIjC9+CWFu54G9QMhT/ezweuKigE2irFpmqbtU0S6AihumHmNET0ST1U9n/A+tTuGxNY3d/omr22l6pcm/s70EWV82PMDquTHJgYOQCQ3fBBrpKx7Dwxp2n3MU0PnuICxgjlmZ0h3ddgPTjj6VY1q/utNsPtVrYtfKjDzo42xIE7sox8xHXGRmm2HUsXjSNp07WmXk8ttnlkZLY7dutc/oesajpy2mm+LQq3Msa+TeAYSZsco391x+R7elZ+irdaHpa6rpN0dZ024keW5giyWTc5O6IHkEA4KH09a69o7PV9PQyRpcW0yh1DrwR1BwelGwblmkDAkgEEjqM9Kiunnhs5Gs4VmmVcpEz7Ax9M4OK4uwS81DUr7XdHuDDqKlUn0qc7cbRyjj1PZxxQHQku5NXtLEavd3V3BdLfCM2xbERjLbQAvQ8c56118N7bXE8sME8cksOBIisCUJ9fSsi5hg8ZeHDCWubFt43gjbJC6npz/PpWnpumW2k2S21mm1RyzE5Zz3JPc0bKzDrcsPNFEVEsiIWOFDMBmuc1K48QWXiKa9s4GutLihQSWvG+Q5O5o/9oDHynr+VYuq6p4fl8bXEOrvDe2rwqhlwWWzcHoT0XJwcjoetbfhueS21S80Zbo31pboktvcFtzIrZ/ds3cjGR7EULXUHpobmn6ha6pZJd2MyzQuOGHb2I7H2qwzKilnIVQMkk4AqKCzt7V5XtoUiaZ98hUY3N6n3rmfiBqFraaTbpPKjv8AaY5PsJY5u0BwyYHbnqeMgA9aGBqa695cWlomlO/lT3Kx3E1uQWjiOclT9cDPYEmqWlX39l6lrNpqGoM9pZmKSOa6kyUDg5UseoyOM+tZcN1p1jdWeqeFrgC3urlbe60wZGWZuSIzyjqTkjjjNbjeFLKXxLLq9w8kxcIRbuf3auoID47nBo/r8v6+YG4rK6B0IKsMgjuKpajcTtpV0dHMc14iERqGB+b/AD61B4luoLXw9dtcXq2QaMqsrHoxHGMck/SuM0+40m50NNR0aVNH1iyhDyRnKiYD+8D99W5568+tLe49rGoLjX9Au5Jo7e91ayW3WS5+0zqhjfq3l5HPGfl4HvXXWl1HfWcN1ASY5kDrkYODWWdNi8QWVvd3j3kInhUvbLMyoQRkgr3rVJgsrTLFIIIV6k4VFFU9NyVrsO86LzfK8xPMxnZuGfyrjtY1jU9A8UXt484n0xIY5HtHYAhT8paMn+LI+737c1k6RNoGrzXVpc3Aiv8A7Q7WuqoShl7ja57jpt6cccV0ugQQ67b2+o6rDHcXtk7wpcAfJJtON4HT39smkujG+qNfRtXg1zSob+0V0ilGQshXcPrtJAPtmrbzRRMqySIhY4UMwGfpRHDFCGEMaRhiWbaoGT61wGoap4em8bXsOsPDe2kkUai45ZbN1P3S3RckA7geDwccUdbIOmpf1e91OHxtBDNbyXAbadKgilMcMjYPmvM+DgqOgwRg8AnpuaVrM93qV3pupWS2d7bKkm2ObzY5I2zhlbap6qQQQOlZuiI8k2peH5byW7trZI2t7xJP3iI+f3ZcfxDb164YVt6dpFtprzSQmWWacjzJp5C7sB0GT2HPHvTWgPUuSSpEm+V1RfVjgVyHijVpLTWIY55blLaSHNottP5QuJiwG0v24Ofz64qPxnqmnW2uaUl6VvUjdvPsFUu20jiTaODjHQ9ecc1DHZaVLf2mnWMseo6JqisVtg+77MyjIdD1UcYx2OKlaj2Oh07WLptWOlatYra3Pk+bE8Vx5ySqOD8xVSCD2IraJCgljgDqTWbpuh2ulyGWJ55pSgjElxKZGVR/CCegrL8d31vaeHWWe5jjdnUrCzEGcA8pxzzTbEkaWqHUL61SHRJ4IxK22W63bjEvfaBwW+vSs/wmTYNfaLPLJJNZzlkaVizPG3Ktk9axVvdMtYYda8MSLav5iR3emfd37iBjZ2YdQR1rsZNLtp9Ug1JldLmJCgZWIyp7MO4p7C3LtVby4cWtwli0T3qxMYomYctjjPtnFTzzxW0DzXEixRIMs7nAUepNecaLJoOrrPaT3P2fU1nkNtqqZRp+c7lY9SMDKn09KnfQrbUs6bq2uLqYfTYNR1J4rQNqVpfuIPLlJBXyww643cD5cY5rt9M1CHVdLt7+2DCK4jEihxhgD2I9a53RtPj8RaeNRvnmhvGDW081nK0a3SoxUNx1B6j611FvbxWltHb28axxRKFRFGAoHQVRIrzRRsqySIrNwoZgCfpXBX+rXe7Unk1W5s9Ztrhls7ID93Mn8ACYw4bueoPpimXep+HbnxpqEOryQ3ltLHGEuuStm6nGwt0XJAO4HrwccVtaIs0z6hoUuoT3EFn5bQXkMuJArZ/dsw6sMfiCKla6lPTQ1tB1WTVdPZrqD7PdwSGG5iByFcdcHuCCCPrWkWC43EDJwMnrVXTtNt9LtjDahsM5d3dizOx6kk9TWH4nOn6xeWehtqi212Zll2Rk+Zgc8EcKfr1pvcXQbrEk9z4oTT7jU7rTYZIN1o9uQokkzyCT1I/ung1d0TUb4X8+ka1se8gUSR3EYwtxGTw2OxHQiqkaPeMdA8VW32hiN1teKvyzAd8j7kg/XtWtpuiWumSvLE000zKEMtxKZGCjoAT2oWgM0CQqksQAOpNZXiRNSl0fZocjR3bSxhZFAIQbhkkHqMdqi8V31hBos1nfX0Vo94hhjMgJyTxnA5/HtVKxa88LNb2d28t/pMuEhuuWe3Y9FfuVPZu3f1o3DYv6Prb3E7abq0QtNUhGXjz8ky/89Iz3U/mOhrZqGazt7maGaaFHkhO6JyOUOMcGm32oWmmWb3WoTpbwJ1dzgfT3PtRfuAl/LOulXUmnKstysLmFc8M4BwPzrm7Q3umaxoZnvryb+0YpBdQ3TcK4TfuA/hIIIwOKraTDe6Jpq6xpFw2r6fdSPPc2qAhgGcnfCDyCAcFD1wcc9dnVdDs/FSaddm6mSGImRfKJTzUdcFT3APHvRqG5r2t5b30Pm2c8c8e4rvjbIyOCM1LuG7bkbsZxnmmQQQ2tukNvGsUUa7VRRgKK5K6jh8Q+J3u9A1uNLzToDGEjBKliwOG7MvGOOlHUOg/WYfED3F7dWr3iywyothBAy+XKOMl89s5Bz0HStfRNbm1Ga5tNQsTYX1qR5kXmiRSp6MrADI/AU2yu212wns7+K40+8hISeONypB7Mjjqp9fzq5p2k22mCUweY8kzbpJZnLu57ZJoWmgPUuFguNxAycDJ61heMDfJoqS6ZdtaSpcR5kAyNpOMEdxkjiqviX+z9b1Ky0UaqtteJL52yInzBgcYI4B9j1qa2lnuvN8P+JYTI7ofLuUBCXKDvkfdcdx+IpbhsN8P+LU1XUZdJuofL1C2B85o3VomIOPkOcn16cd66NmCqWYgAdST0qta6bZWcMMVtbRRrANsWEGUHfBrL8XXtgmiTade38NnJfoYYjICTluM4HOOevQU2CF8XT6lb6E0mlkogdftUkYzLHB/G0Y6FgP0zjnFZ9hr9zp2kadO+k+Xo00iQxzteGSdEc7Y3dCnQkrnDEjd7Gp7OS88M3EFhfNLfaVMRHb3hBZ4GPRJPVT2f8D61ov4etJr5bmeS5mCyiZYHmJiVh0ITpx2oX4f1/X/Dh0NWsnxHdXVv4durjTdzSqv3o+WVc/MR6kDNXNR1G00uye51C4S3hUcu57+nufYVyekw3mgaYmp6bcNq+mXTPNcQIDuQMxO+IHngHlD6etLcew6w8Ry2ely6jZ2s2oaMku1ruW/Mk20YDOqFcbc9twPtXZowdFZTlWGQfasCDwtotwTd2glW3uiszQRyMsMh65KdK3pJI4ImklZY40GSzHAAqumpPoJI5Eb+SFkkUcJuxk9gT2rj5YtS0nXtP1nW7vf9odreaKJj5NuG+4B689WNNtoZNQ1S/wDEPhfVI7qTeqG1+ZY5VUcqc9z2YcV0MEtp4m0R0ubeREkBjmgmUq8bDqPqD3FJdx+RqUhYAgEgE8DJ60y3gW2to4UZ2WNQoLtuJA9T3rmvEYsNd1ex0dNXFteQSGcrCT5gIUgYYcA85weoo6h0KHiy+1SDULqNJNQgYpGulfZE/dyzE9JG6dRghsDbyK39F1m7u7qbT9XsPsV/BGshCyiSOVDkBlYAdwcggYqnF5mph9A8TwN9oTEkN1ECqThTw6kfccHGR+WRWvp2kW+mySyRNNNNNgPNPIXcgdBk9hzx70LRA9S6zBVLMQAOpJ6Vzvii+ktb3TYp7maz02ZnFzcw5BVgBsUsOVBOefYDvT/GF5p/9izaXe6hDZzagnkRbwSfmOM4HIHPXoO9Ms5r3w5dw6dqDS3mmzMEtb0gs8J7Ry+o9H/A+tG4bFLw5rt2mqnTruZr7T5pGTT9QYfNIVUMytxg/wAWG77TXYVmxaHbR6oL+SW4nmTd5fnTF1j3ddo7ccfSpdW1C00zTZZ766S1j2kCRuxPTA6k+wobsgtqUvE2oTW2i3DadNiePHmeVhpETPzMF9QKy1u7rQkg1GDUZNW0S4YCQzMGkg3YAdW6lc9QemazmtbLTNN8O34lt2me5Hm3qZHnI2dxYnnkdQa1tK0bRtWEl7aWt5BaPLvWJ3KQzkfxiPPT6gZprcGdSCCARyD0pjzxRyKjyort0UsAT+FEssdvC0szrHGgyzMcBRXBXsWnaj4e1/WIriC/bzS9vcBWDw4xhRkcYPccGkBpWeraxok0sviNGbTJ7h/LnxlrUbvlEmP4SOjDp3rrVZXQMhDKwyCDkEVkaVrFtrCtaRRSXMccSrNcbQYSxHKZz8x9cDHvWpb28VpbpBbRiOKMbVReij0p7Kwt9RZZooV3TSJGucZdgK5jVIdTvLrWJXvLuygtIFewe3faj/JuZj/eO4YweMY9aUjS/EHjKVTdWuoRWtp5clowLCNyxyw42njg9xgetUvDWqWt14dtdBInupZxPEwhwfs8HmOqs5JG0YAAHJPYcGod3HTcpWT12Oi0fWIr7T9O+0TRLe3Vok5hDDccqCSB6ZNahOBk8Csjw94ctfD1kIoXkuJyirJczHLuFGAM9gB0FVfF95af2eumy6lDZ3F3Iiork/ONwyDt5AI4z05q5WvoTG9tSxrLXl9Haw6ROwhkmC3U1s6740x2Pb8OaydO1nVtHmS31ixuZdOlujDBfTTKZQCcLvTGcZyN2c4xxTJLrTfDHi+4KoltA9irNBAv+sffhQqjq3UVs22jW91NDqN0t7vLecttdzbhE3+6CQCPrxSXf+v60G+39f1qbNRieJ5GjSVC46qGGR+FVNa1G003Sppb28SzVkKrI3ZiOMAck+wrkWt7LR4PDl8slusrSnzrxCQJUKkksTyfxoAZY+K73w2DH4hla/gkuJIonRl86Nw2NrAkAr/tZ47130biWNXXlWGRzn+VYui2+l6g11qttp0kRvCQZLlAPOX1AySFPuBn0rXkkgsrUvI0cEES5JJCqgH8hRstQ3egsk8aOIzJGJWHyozYJri9Ev8AW21q+jksftWrpn7X5900FtCmT5SxYRt2Rk5xn1Paql/FYXvhTXdahuIb6Q3BltrpVYSQ4YbV5AIwfTgjnvXRxXFp4kmaG2kvlW0wHvLaTy43fGCgYHLEd+MDPXNCBmhoerLrWlrdeQ9vIHeKaByCYpEYqy5HBwQee9XZZooVBmkSME4BdgKisLC30yxS1s02RR5wM5JJOSSe5JJJNc6RpXiHxZcn7Va6jDa2nlPbMC3lOWOWHG08cHHIx70PfQOhRi1e8l8UTWqedPqYncx2kl2YIFtwvyucK27OfQ8+mK6XRNYOrQzie1a0urWUwzwFw4VsZBDDqCCDnA+lcloa6Vq+n6TZSR3M+oQbylxaNte1jDsFLvkYBAAxyT6V22n6db6ZbmK2DfMxd3dizOx7knqaFt/X9f8ABDqWXdY1LOwVR1JOAK53XrDUtfjlgtbtbbT1iLBreT95cSY4UkfdUH0OTTdfnsNQ1rTtKe/t/NWbzJbN8nzVx0OBgeoB61Q03VLLQNa1eyiidw10gtrK2UFixX5tq5AA7k8CluPY6Dw5fjUdAtpSf3ip5cqnqrrwQfxFalUrLS7azu7i6t0eJ7oh5Yy3y7vXHQH1xUWvajaabo88l7epZB0ZElbJIYjjAHJPsKcn1FFdCt4kvLldM26U7vIJkW4FsA8yRE4YqvXP69cVgaN4i1CyWW5lt7q90CW78u3vZ5R50QJC/MhG4rvJGSdwHamvBY6G/hq8D20TsXFxdxnAlTYSSSeTzg81raPo+l6jGL6C2voLZpzNHbXDlY3OciQR54BPIzg+1NKzf9dv6+8V7o6Yc1S1W7kt9PufsRje9ELNBCzDLtg4GPrVme4htbd57mVIYoxud3bCqPUmvP7+GxufButa5BPDezNdtNa3iqwkiw6hF+YArt6ccEc96nfQrbUVNbvIBY3eh6hcardOhbUNPueNoVSXOMfu2B+UDpnA9672zu4r+xgu7ckxTxrIhIxkEZFYpks/FM88EMt/9ntwY5J4JfLhlY/eQEHLEdyBgdM5rchhitbdIYVWOKJQqKOAqgYAquhIsk0cWPNkRNxwNzAZrj7f+09Tvr/yNZntdXtZm22kgHkmP+H5O4I/iHOaW9g0zxPqupG3vbO+aC18pYZg2yB8nLhuh9DjpjrVaw0trnXINN1G+XUTb2qyRX9qPKlgxgbSynkH3pLf+v66Df8AX9fM6nQtWOr6eZJofs9zC5iuIc52OOuD3HcVoO6xoWkZVUdSxwBVfT9Ot9MtfItVIUsWZmbczsepJ7msTW5dM1TXrDSpr+FpY3MkliwLCUY4BxwPXB/Kh7h0JNcfXTqdlP4f2SwRxu80bkbJ+mEB7N1welaWk6xbaxamW33JIh2zQSDDwt3Vh61y+nrf+G76ztob+1ura6unQ6fCmfIBycq2c4XvkY5rsUs7dLx7pIUWeRQryAYLAdM+tC2DqTVja7NeT2VvHo8jMst0kVxLbkF4ojncR6HoM9QCTUXi29so9IaxutUj0+a8KpGxBJPzDPA5wRwT2z1rD1KxuPDMuo6pot9Y2MccMbDTlj3C42g9ehVmJ2jaOw69l6j9DV0u+/srWNbstQ1B3srNYZo5ruTJjEgbKlj1GVyM+tdIjrIiuhDKwyCO4rB/4Ra0u/EJ1u7MrNLHETZuf3ayKDhiO5AOPatXUtQtNMsZLm/uUtoVGDI57+3qfYU3otRLV6DNSuJxp90ulmOW+SMmOLcPvY4zXMCbxDoV2ZYbe81e2+yrJdC5nRNkmcny+OTjPyjA6c1Xt9BC2mlahper2dtMEkkfUTGS90WHQq3buc9CvQdtbTLZvFGjQ3eqTXCOQ0TrbzNHFOoYjdt9GxmizDQ37G8i1HT4Ly3z5U8YkTcMHBGeakkmjix5siJuOBuYDNEUcdtbrHEqxxRqFVRwFArjr2203xPf6q9rfWd60UAiRZQ222bu4bofqO460PfQFtqWPE13q2n+ILO60+6UW4t3aS2mYLHLt5Iz/CcdDWr4c8SWniaxa6so5YlRthWXbuz9ATx9cVhafZtfaumka1cQ61BaRJPFcIm3y26bWwcHOM12CQRRyM8cSI7Y3MqgE46ZprRC3Y55EiQvIyoo6ljgCuR8X315BqFiXSabSpMeWlm+Gnucjy0dv4UPXI4457CresSaZq3iOw0yW/gkkgLyS2DAsJeBjJHAI64P5Vl6fFfaDdWGnLqFreWt5PJGbKBebUYZtyPnOFwByO46dKS1a/r+v6uPY3rPW7wa3HpesafHaSzQma3kguTMkgUgMpJRSCNynpg561t9OtZthoVrYXZule4uJ9nlrJcymQouc4GegP8ASqPi68shpY0651SOwmvHRIycksNwyMDkAjgngDPWgCt4s1dbNbKWS7lh0su/2m4tZMMGC5Rdw6AnjPrgd6m03W763n06z1bTvIivUxb3C3fntuxuCyZVcHGeRuHHWsTW9KbRF1W6sLjT4bRkjzpJi3rcADGD3Vm6DaOw610uleG7HT2gmiFwTEp8mKeZnWDPUKD09KEDNmqOoz3bWskWjNbvecKPNfiPPViBycenel1bULTTNOlnv7pLWPaQJG7HtgdSfYVyMWg+Tb6bqGlavZWcqwuz3xjy10T6qx6d+eRjtSGaWgxS6J4ju9Mvbya6e7jW5jmmPMjDhwOw+grqa5/TIl8S6Np9/qcRS6hcukkLFMkHG4f7Lelbs00dvC8s8ixxoMs7nAUepNU9NySK8naO3lS3aM3RjYwxuwG5scfrXC6fquurqiNp8GoajNHbbtSs71/ICOTlfL3Dr14HykY5qdtMs9ft7vUdP1S1kke+Vo76RWDWyqfurnr6dgQe9WdJ046zqOo/2jdSSz2zC3N9ZOYRcpjO1gpwSuSOKSv/AF/XmNnT6XqMWraZBfW4dY50DBXGGX2PvVmSRIkLyuqKOrMcAUy2tobO2jt7aMRxRqFRV6ACuf1V9M1jxTY6dJfQTSWokkl091LCQ4G3J6Ar1wexzih76AttShq+pbtdv4NS1e50mKKKOTT5ITtSUEZZs4w53cbT26DmtTwnrV9qVm1trduINSt443lCghXVxlWx2PBBHYg1jaZDqGiTadpI1SC6tb2SWFrW1GGtB8z7kfOdqcLz6jp0rq9O0i30xppIWmlmnIMk08hd2wMAZPYenvQtv6/r+vuH/X9f1/neJAGTwK5rxJduL7TYpL6az024ZlkubdsHf/CC/wDCD61p6rrOl2DR2mo3kcMl1+7jRsktnjoOg9zxXn+mPeada/2TptnLq1gjtHqEEkJkW1AcgFfmBYkc7BnHWlux7I7DTbzUNL1iPSNXm+2RTqWs73ADNgco4HGcc5HWuirI03w5YafNFPAbiQxqRCLiVnEQPZQelXNS1Wx0i0NzqVylvCONzdz6ADkn2FNiRHqzzvo14NNYtdCNhH5bDcH7VmaPrF5aTQ6V4m2peso8m5UYjuRjt6OO6/iK5eW5n03xFfXXhdpL29vHWeOzUZjuI2XJY5IC4PfI9K7m0Ca1o9u+pWnznDtFNCUKOP8AZPIwfehdwfY0abvXfsDDfjO3POKbNPFa27zXEixRRjLO7YCj1JrgNe1DT73WLPXdI1CUSG3kggkt42YvMjArGUON27cePbOR1pdbB0L2/VrO10zVb66u47yfUUguLR2/dbHfZtC9MAYII5PfrXXW97bXUk0dtPHK8DbJVRgdjdcH0Nc1Da3/AIv8P/ZvEENxo99b3SSYhXbs2nI2vkq2RnkHj0GK6PT9PtdLsUtLGJYoYxwB3Pck9yfWq2Wv9aIW7uv63LDOqFQzBSxwAT1NclrcPiCS4v7m0kvEeB410+G3ZfLmzjJfPbPB3cAdKr+Lb/RdbtQkWoKzaXdxSzvCxBiUtsLBuny7iTjOMc1NoF/q+sLLYazBdw2jx5tL5IjG9woP3mIJ2EjHBAJ6+1JajehsaLrc+oXNzZajYmwvrXaXiEolVlboysAPQ8ECtgkKCScAdSapadpNtpnmtCZJJZiDJNM5d3x0yT6VBq+r6XbbdPv7yOKa8BjjjOSTkY6DoPc8UPyBB4h+0SeGr1tOuGhmERaOWI8jHORWJonjBhqNvoesAS3zoGS5hZfLdSMgsCQVb/ZGawdDvdR0qKPT9It59RsFJjvkMRk+yHcRhfmBbI52jOOtd9YaNp2n2aW9paRrEG8wBlyd3qc85prv0E+xfrO1ua/Gh3baCIZb5FPlhzkA9/xx0B4zjNS6nq1ho1obnU7lLeLOAW5JPoAOSfpXAvcXWk+INQm8LeZfXt1N562SjMc0TqG8wkkBcEkZzz0+k76FbamnpOvXdj4cl1Cz0ya702Bmee4ursrcyY/1jiMpjAO7jcM44HSu0hlWeFJYzlHUMp9QaxU0m312ziur43kYmjXzrRi8KEjqGjPv+fvW4qhVCqMADAA7VTJFooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKQsFIBIGTgZPWuQ8ReJi9tdWlrb3HktP9i+0W8qidpT97yoyPnC9ySOh9M0n5D9TVutYlbz9NWS3tdUnjkNgGkZklA4Vt23Ge5UZIrhTE11q81hYzx3UvmraXOmXdwzm4/iknbgmMAn5WA7e4rpdCsbfUfD0eg39orRWsSva31mP3Myj7ssbjhXz1Gc5yeQa6SysIrGISTMktzsCS3bxqryAdNxFVZJ/wBf16ivdf1/XoVtB0OHRbFY0CtMfvSlV3kddpYAFsep5NOvdZj026H9oGKG0chEn3k/vD/CwC4Ue5NVdb8R/wBmzSW9vbrNJFCZ5nknESRJ0HzEHLE9BisLwqwAntruzkvLTVHLySyRhpYXI/1dwq528dG6euKW7DZGZrb3NtrGy61SO21Pa06sZiyTqThIUjIAbI64BNdT4Y8Mx6an2q5tYIZ5AGEC4kEB77HKhgPboK0NN0G305VQsblYWJtjOoZrdT/CrdcU7VdYXTo4RDF9pnuH2QxhwoJ6kluwA780bIHqyTUdQbT1WZo0a3QFp23NvjX1CKpLfpXHeKrhbmSK7m1SOGyvGSOwu0uTHHbjG5nboN3GACTTNN1aWXxJPrSWz3W4eRLbqwlkjQHHmQYALx568Z+tdVbeHLKG6mkiXNpcESNZSRhoxJ13hSPlPtRbZhcwPDHh5r+ZdX1SG3fdkBggK3Yz8srIy/I2ADlTz3rsrh3itXaFUaRVOxXfYpPYE4OPyonuIbW3kllYKkKF39lA64/CuC1/WJdeazs3hWyVit3F506tEwDDYtyuPkDnAXBJz64ovd2DbU29U1A6vYSW1vOIns5AdVgjZ1lWIISVjO0FsnGCMAjODXJ6Npz+JXjiguLe7snU3RZZy76WztxGr4bedudyNxwegIrs47NfEEdtqLQXWj6pav5ZYrhhg/MmekkZ7Hkdxg1tQW9tZp5VtFFArMTsjUKCTyTgd6Fo7h0sJaWkNharDbxxxqo58tAgJ7nA4rJutXmlSfTY5Le11WZHNoDIxR16Bg23GfVRkisnxF4lNxa3FnbQTrbyTfYxcwSqJmf+IxxkfMq9ySO/pUujWUGqaDHot/aBRZorW17aD91IP4ZYnHAb1Gc/UUfFqGxzCwm+1WWxsJ47pmlFtcabdXDM0mBlpycEx4J4IFehaHosGi2KxRhWlx80uxQ7exYAbsep5qxZ2UVjGHkKSXBULLdMiq8uO7EVl654l/s2SaC3thM0MPmzu8wiWNT0AODlj2GPxovZBa7Ll3rMen3gXUDDBbSMI4p95OXP8LDbhfqTzXB6w91bauYrjUo4dWVDNhpi6Xe44WFIyACuOuBxmtbwsF8mawvLN7201F2d52QNIjnkx3AXO1h2PT6V02m6HBpyKrMbrySfs7zqGeFT/CG64ot3C/YoeGfDUWlRm4mtoYp5PmES4kEBxyEcqGx7dq09S1E6aFmkRDaopa4fcxeNexCKpLe/TFM1XWF09bdIIvtNxcsViTzAi8DJZm7ADvzXIaTq0r+IrjW1tpLpZwIZoFIllhQMQJIccyQk+2eM80buwbIXxVMJ7mK4udVjtrS+kRNPvEuikdugUM7nopckYAJOc+xq14X8PNeyLrOq29sWlB4CArdDPyzMjL+7cgA/Kec81vWvhuytriZo1DWcxEn2GRA0SSZzvUEfKfYcZq5qep2+labPeXG50gAykYyzEkAKB6kkD8aFoD1JL2aeC2LWsUcsuQFSSTYDzzzg849q5TxJqsN/pP8AaVvP52l2gkFzCkjxSGYEBVYYBVQck5x2PSqGoaleal4ntnNsi3elsHWya5V4J3ZT+7V8DE4GSByMfnXTxaXa6ndQazbpPZSTpi5glh2eeuMbZUYdR6/0otdDvZnJ6BoEms3CGa6t9RtbPaI9SRg5k4y0RBUrKgOBknI+teiRxR28IjhjSKNBhVUBVH4UkUcNrEkMCRwxqMJGgCgewArjfEfiT7bZzWUEM8dtPKbUXMMqiUsPvFYyOUHckjvQ30QkurNi61We4in0yKW3tNWkQtbqZGKsufvBtuCcdhnFcRFD/aWpy2WnTR3SvN5E+m3NwzOAo5nJwTGc9OK6nSrKHWNDj0q/tPJeyVTbXlqP3TD+GSJxxn1H9K6K0s4bKPe/ltOygS3BRVaUjuxFO1mF7or6Jo0GjWKwxhWkxh5fLUM/1IAz9aS51qOwvRHqBhgglcR2828nc+Put8uE9snmqOveJv7Oe5gtrbzjbxB55GmEQTd91V4O5z2GPxrI8LRobWXSr6za9s79nkNwUDMGPLRzhc7HHr047Gl8QbGNqrXdtqzQzajHHrEcXmPG8xdL5pDhYUjOMpgckDjPsa7jw1pEuj6eYpHKIx3LaiTzEt/VUYgHb7HpU+m6LDp0aB3N08JIgmnUNJEh/gDdcUmq6yNP+zRW8Iubm6J8pPMCIFUZZmfnCgex7UXsg1bH6nqf9mYnmRPscaM9zKGYvEOxCKpLD16Y61x3imUSXsU91q0dtb38qrp96l0Vit41UOznopdiMAEnIPsaNE1aRtfudcW2lu47zbDNCpEs9sgYhZIgvMkDEnkDPGeQK6q08N2VncTCNQ9lKwkWykQNFFJnO5Afu59BxRbqFzK8HaZernVbvbbtdAl44SQlzz8srIVGxiMHg855rpL6ea3t99tFHLJkfJJIUyO+CAcnHbFRapqkGlafLdzBpBGQuyPlmY8BR7kkVxV7qd3qPiiC4Nsv2rTDxZG4WSKZiDlUfAxMBzjBHvRe7sGyuXfE2qQ3+l/2lBcibS7dWWWNJXiYTZwN/AKqOSc4qp4X0m7vb5LlL+O5hsyEi1SCT5pxjJjIwRIoPG7Oa6WLSLTULqPV4EmtTcJi5t5YtonX0kRh1HrWsBBZWuFEdvBEvQAKqAfoBQvdB6ktcnrPjOOw106cps0SEqJ/PmYTSBh0ijRWZjz6Vl+JfE0N7JbyWLXE2nDKSSASW8aSH7ru5AJj68rxVrQtNfU7aWOPUDL9mKpDrMKqZJe7KrkHKjpkULUNjNi8NnUrQ2+jzXV/p8vmRrLd3DQLZHOGXydoZj1+9+NegWNjb6darBawxxKoGfLQKGOOuBSafYQabZrb2wbaCSWY5ZieSSe5NYviTxBHDb3WnaXO76sU+RIYmbaTzgsAVVioOAxGeKG7LQN2WvEuvp4fsIpW8kSXEvkxtczCKJGwTl3PQYH1PAFcnNJH4juPtlhdXEmrNZlJ7KxkeGC8RGIOyeSMZAL9VPUjJ71Foc0epX0It2W7ivHEculXTmdraNAczShs7HzgY4HOBnrXa6XoUenXDXM11cXtwVMaSzkZjjJzsUAAAdPrgUW7hfsVfDXhyPSVnubi2gS7uJjKNp8wwqVC7BIw3HgZ+pNamq6jHpOlXN/OrNHbxl2VepxUOra7p+jKgvpykkoPlxxxPK5AGSdqAnaO5xgV55FqN093K93cywapbM2+zmlZ21F2yFVIuhixjkDPrjmh66IErbmlNrFv4oWBLrUUtL2G4DWk2kO86AsCAjymPywx5HWtTw94XZNQOoatYJEyxmNIp7j7U5bdnzCxGAfQD1rStPDcUd1FcTSOIo9rx2CbVghfHJUADPPr9a0tQ1K00q0a5v5hDEDjOCSx7AAck+wGaeiFuWicKSegrgLzxbYa9FeWN/NDb2DqwX7K7z3URQ/eeNEYIOP4jVLVdXOoa5ItxfT6dbzEPaX00jwIka9VVDjMmR91hXRadoh1fT4bq6MliswJngt0Ef2pc8NJxuyR/OklfUrYzrDwrPe6jbyXyPc2kLrKLy7uvNN0u3gCIAKg5ruY40ijWOJFRFGFVRgAfSms0NnakuyQwRLyWOFRQPXsK4LxL4livp7d7NriTTSPLaVvNto45W+68jEKdmDwRwTQ30QkurNXVvGcdnr7aaDaJHCypcCaZvPk3AY8qJFZmxkc4/xrCh8MHU9PFppM91f6bKkkUdzd3BhFl8wDKIQoZmGDjd3Bz76mhabJqlpIsd+z/ZWWOHWYVXzbhQAWUOQcqDkZHp7V1lhYQabZpbWqkRrk5Y5LEnJJPck85p2sF7j7Szt7G3ENpDHCg5KxoFBPrgVh+KPFH9hSW9rC1nHc3Ks6yX9x5MKhcZGcEsxyMKB6+lUfFXiWGSzltdJe6unt5QbxLKN9zRLjzFjkxtLDcuQDuAz0xWd4ejXVLoW8d1DfwTI1yzo/njTG4CKkjZ+c8k554zgCp1f9f1/SDRCNax6ze3F7ob316bhopbrTnmezjUkACTc6B2XC9uCAfpXV+HNBh0LS44RHD9owTLKiYLEsWxnqQM459Kn0nSE0uNyZ5ru5lx51zOQXkwMDpwB14Hqap6/r9vZRy2Frcf8AEzkj/cxpGz7SeFLFQQmT0LYFNuysgtd6ljxDrcegaUbuRUJLiNPMkEaBicAsx4UeprkJbqLxLPBcQ30g1dY3jEWnO6290o5KrO8eP++TVPSLo3l1HsdpZpXFvNpF5IZXbn55ZVOQmOcdBXc6f4fisb37TJczXTpkQLLgLAp/hUAACi3VhfsUPDHhpdPea9vbOGK5mKlIy/ntAAMY8xhkk98cV0jMFUsegGTVbUdTtNKtftF/MIo8hR8pZmJ6BVGSx9gCa881HVzf65ILq/n02GRhNa30sjwoIh/AiHGZM8EMM+1Dd9AtZXLl34t0/wAQ2t3aahcQ21i67o2s2e4uYSjA7pURGVB0PzH61Y0/wpPd6rBLqMTT21vJ5n2q7uvOa7GzA/dgBUHP1yPxrQ0/Qjq2n291eh7BZ13XNnboI1uOeDJxnJHXnvXSySQ2ds0krpDBEuWZyFVFHck9BT2DcciLHGqRqqIowqqMAD0rlNS8aRW3iJ9MzapDBIsVwskrG5kLqCPJhRWZgNw578+mayfEniSO/urd7V5zpjr5Imk821ihnbBDykhW2bTlSOCe/etDQtMk1Syk8u/f/RZEhg1mFF868QAFxuIOU3ZUEcHHtmlvv/X9fqG2hk2/hZtTsIrTS5rq/wBLkjeOK8u7kxi0AYKyCAKCzDBHzdwc+/oltaW9nCIrSGOGPOdsaBRn1wKZY2UGm2UdrartijBxk5JJOSSe5JJJPvXKeKfE0Mtq9vpL3N39nlzeLZo4LRr98JJjaSCRkKcgZobtoCVzQ8T+KhodxBaRNZxzzKZBJfXHlRhQRkDAJZjngAVz5sk1e8uLvQnvb4TyJJc2Ekz2ccbMOHyyB2HHbqKf4ehGpzm2iu4r+GRDcGeNvOGnOcBUjkbPzdSc88dq7HStJj0uJ/30tzPLgy3Exy8hAwM+g9hRa24X7C6NYy6bo9vaXExmkjXDOSTznOMnnA6c1X8Ra7HoGmC5kEZZ3EaGaURxhj3Zz90VX8Qa/Dawz6fZTk6o8f7qOONn2k9NzAEIT23EZrkNHuRfXcXlMZ3uHEE2k3bmZ1A+/LKrZCEHp0FGsmGiRZmuIvEk8VzbXsx1YQPG1vp8jxwXaqeQk7xgd+qmup8MaVc6Zazm6HlGeQOtsJ2mEIwBje3U8ZPbNS6doEVhdm5luZ7uVQVi84jEKH+FQAAKn1TW9P0ZEbUJyhkJ2JHG0jtgZJCICxA7nGBRog3J9QvY9N025vZgzR28TSMEGSQBniuFuNdtPFEMcV9qMdlPHcxyWc+ku1yImfKKskmzy1YkkcnvWadTuZL6d7u7ltdQtmaQRSysTqBbPlxxRdDGRgZAz9OTXbWnhqIzQT3DNFCuyUadEFWCOUc7gABnnnnuM0JX1YPsin4Z0S/tNUe+vY5LUCN4jE96bhp2L58xjgAcDgAdGOcdK6qo554rW3knuZUihjUs8jthVA6kk9K8/wDEfiJNRvbd7eScaZInkpPL5trFBOcEPKSFbbsIKnoTRfoFupq6l4yhj16XTGNqlvE4hnVpXa6kLKOYoUVmIGRyevP1rJsfDk95Dbx6TdXd3YFcQ39xdGL7MA2CghCgkjGPm98++nomlvqtizJfSD7O6wxatCiia8jAG7LEcrnIBHHFdXZWcGn2cdtbLsijHGTn3JJ9SeaewXuTjgVzXibxYNDu4bSJrKOaRDIXvrjyk2g8hcAlm9gKz/FPieGa2MWlPc3cdvLm8W0R1LIOCFkxg4JGdpyOareH7b+05Gto7yO+iMZmF3EfO+wueiRyNnJx171Kuw2Iv7PXVLq4udCe9vkmmD3FlNO9nHA7LnedyB2H+RXb6RZSafpFtaTzGeSJArSEk5P403S9Kj0uFwsstxNKd0s8xy8h9/8ACszxF4git7e407Tp2bVWj/dpFGz7SexYAqrEA43EZp7KyDd3Za8Sa8nh/TkncRb5pBFGZ5RFErEE5dz0HH1rkppYvEk6XdndztqxtWjktLCR4oLxFbkJPJGARluqnuPrVfRbhdQvIRC32kXTiKbSbpzO0KrndLKGzsbOMDgc967fTNBj0+6a5lup7yfBSN5yP3SE52qAAAOn5Ci3cL9iPw1pVxpdnP8AavkaebzFtxM0qwDAG0M3J6ZPuTV/Ur+PS9Lur+dWaO2iaVlQckAZwKh1XXdO0VY/7QnKNJnZHHE8rsAMk7UBbAHU4wO9edrqV097M95dS22qWjMzW0srM2pO2RHHHF0MRG3kDPrjBNDd9gStuaU+tW3ieOGO91KOzuorlHs59IdrhULgqqPL5flqxyR1ra8MaJfWeoSXt7HJaAxtF5L3huGlYvnzGOAB04AHQ8+lW7Xw1CtzDPM7JDHtkTT4wqwQyDncAAM8889xmtS/1C10uze6v5lhhTqxBJJ7AAcknsByaeiFuWScDJrgr3xbY639s0++lhhsJFeLFs7zXaFTyzRojBF47mqOsaudS1t1mvZ9OtZwDaX0zvbxxKv3wFOCZcj7rDpXQabop1nT4ru4eWxExbzkt0EZu0zhWk43ZI5/Gptcq9inpGgX76pbXHnXElvEySrqE15ua5THCiJQFUc85rt6bHGkEKxxqEjRQFA6ACuK8U+KIJ7cLpbXN3BbyZvBaq6bl6fLJjBUH7xUnFNsSRo+JfFq6JfRWcTWUcrJ5rvfXBiUpnBCAAs7ewFYQ0walczzaC17fxS3Baa0uJ3s47aRlzuIKB3HOfyx7TaBaHU2ktYr6O9jWPzV1CIiU2cjHiOORs5wOvf1rsNM0uLS4HVJJJpZG3yzStl5G9SaLdwv2HaXaSWGk21pNM07wxKjSMeWIHWqPiXX08P2EUreSJLiXyY2uZhFEjYJy7noMD6ngCqviTxBHDbXWm6VO76sU+RIY2baeu0sAVVyoOAxGeK5jQ549RvoVt2W7ivHEculXTmc20aA5mlDZ2PnAwcDnAz1o1kw0SJpnj8R3AvLC6uZNVazKT2VlI8EF4iMQdk8kYyAX6qepHPeus8N6XcaXYzLdEK085lWBZWkWAEABAzcnpn6k0/S9CTTrhrma6uL25KmNJbgjMcZOdigAADp9cCpNW13T9GVBfTlJJQTHHHE8rkAZJ2oCdo7nGBRog3JtV1GPSdKub+dWaO3jLsq9TiuIm1m38TrAl1qUdpexXANpNpDvOgLAgI0pj8sMeR1rNh1C6e8ke7uZINTtmYPZzSs7ag7ZCqkXTysY5Az645ruLTw3DHdRXE0jiKPa8digVYIX9VAAzz60JdWDfYyNI8H/apjPr1lsiXG21muzclnDZ8xicAH0A7Guy4ROBhVHQDpVbUNStNKtGub+YQxA4zgksewAHJPsBmvPdU1Y6jrcguL+fTreUh7S+lkeBEjXqqocZkz2YUX6BbqXbzxbYa9FeWN/PDBYOrBfsrPPdRFD950RGCDjPJqWy8K3N/eKL7z5rIctd3F6Xa8QrgL5agKg5/StDTtDOr6fBdXRksVmBM9vboIxcjPDScbskc/jXTM0NpbFnZIYYl5ZjhUUe/YUaLcN9htnZ2+n2kdrZQrDBEu1EQYAFczqvjOK08QNpoNqkULqlwJZW8+TcBjyYkVmbGRzj1+tZPiXxLHfXFvJaNcSaYR5ZlPmW0ccp+68jEKdm08EcE1d0LTZNUtJFjv3f7KyxQ6zCi+bcKAC6hyDlc5GR6UavVhtoZtr4clvrWODRLm8u7B1eOG8uLpoPsJDAMohChmYYON3cHPv3Wl6PY6PDJHp1ukIlkMshUcuxOSTUlhYQabZJa2qkRrk5Y5LEnJJPck85rD8TeIY47W703SZ5JNW2AKkETNtP3iu8AqrlFYqrEE8etDdgtct+JvEKeH7OF/9HEtxJ5Ub3UwhhQ4Jy7noOO3J6Vyspj8Q3RvdOubmXU3tcXFjaSPBBdKrYJSaSMZUFuq+o+tR6FLFqd9Cts6XkF622TTLhzObONAf3sm7O2QnAwcDnAz1rtNL0NNOme4lup725ZSgmuCCUTOdoAAAHT64FFu4X7FHQfC0FjIL6/gje+DsYvnaT7OrY+RWbk9Ovua1tX1KPR9JuL+dSyQJuKggZ/E8D61Bq+vWOkKsd1OVnlUmONInkbjuQgJCjuTxXn9tf3Mt27XNxJFqUDFJLCeUu1+7HgCPp5WOhA+tG+iDbVmlLq0Hif7Os+pJa6hFN/osmku80bbhwjTGPYGP1q/o/hAXEv2jXbLYi7THay3RuSHBJ8xmPGT6Ctez8Nww3kdxLLIY4yHhsgFWGBsclVAFaOo6naaVa/aL+YRR5Cj5SzMT0CqMlj7AE09ELVlkkIhPQKOwrz+78W6f4htbu01C4htrF13RtZs9xcwlGB3SoiMqDofmP1qnqOrHUNckF1qE+mwyMJrW+lkeFBEP4EQ4zIT1DDPtXSafoR1bT7e6vRJYLOu65s7dRGtxzwX4zkjrz3pLXVj20M+z8J3N/e7dTWaWzUnzLm4vTI16hTaB5agKg5z65HHrXaWtrBZWsdtaRLDDEu1EQYCilllhtLZpJnSGGJcs7sFVFHck9BXAeJPEiX93byWrXB0t18kTSebaxQztgh5SQrbNhypHBPfvRfogt1Zq6n4zig8QSaZm1SGB1iuFklY3MhdQR5MKKzMBuHPfn0zWNZ+G5b20hg0a5vLvT2Rkhvri6MP2PDYKCEKCWGD97uDn31ND0x9VspNl/IfssiQwazEiia8QAFxuI5TdlQRwce2a6uxsoNNso7W1XbFGDjJySSckk9ySSSfenawXuR6bpNjpEDxadbJAsjmR9gxuYnJJrI8T+Kf7DuILWFrKOeZTIJL+48qMKCMgYBLMc8ACs/xT4mgltHg0p7m6+zy5vFtI3BaNfvhJMbSQSMhTkDNU/D0A1SY28d3FfROhuPPjbzv7Oc42pHI2fm6k5547VKu/wCv6/pBoiP7EmrXdxdaFJe3wnkSS5sJJns44mYcPlkDsvH4iup0Dw3a6NGszIst+8YSa5OSzY7ZPOBnFW9K0mPS4n/fS3M8uDNcTHLyEDv/AIVFrGvWWlKIZp9t1Kh8qNInkPsSFBIXOOTgU9tg33JtZ1SPRtInv5l3LCM43BcnOOSeAPc9K4yXVIPE7Wvm6kttqUMrLbPpLvJDJuGfLMzR7AxA5wc1m2d9PNdFpp5E1CNvKk025lLveux5Jj6CMDkED613Nn4cht71LmWaR0jO6C1wqw25xg7VAHvRbqwv2MjRfCCzSC61yyCBSjQ2kt0bko65+dmPG456DjgV2DMEQseijPAqrqOqWek2wnv5vLQsFUBSzOx6BVUEsfYA155e6sb/AFyX7ZqM+mRs4uLa+kkeNWgGCEijONznkMGGR6ehe+gW6lu78W6f4k0+6t9SuobSxdBNE9kz3FxblGB3TKiMqc4PzHjoc9rdr4Rub6/ZNYjma0RnEs1xemV79THtGUACovOcddy8ccnQsNA/tWwtrm/V7BbiPddafAojjmYkHLjGc+oz7GuknnhtLd57mRIYY13O7sFVQO5PajRBuFvbw2ltHb2sSxQxqFREGAo9K5PUvGUA1ybS2NqlvE/kXCtK7XUhZesUKKzEDI5Pv6ZrL8ReIk1C+ge3e4GmyJ5KTy+baxQTnB3ykhW27CCp6E1paJpb6rYsy3sg+zusMWqwoomvYwBuyxHK5yARxxRq9X/X9fqG2iMu08MyajawwabPc3umuhWK+urkx/Z1DYKCAKCTxj5vfPv39rZWtjGUs7aGBTyRFGFBP4UWVnBp9nHbWy7Ioxxk59ySfUnmuR8U+J4JrUxaW1zdx28ubxbVHXcg4O2TGCAcbtpJAzQ2CVzQ8TeKxol3DaRNZRzSIZC99ceUm0HkLgEs3sBWCNPXVLq4uNBe9vkmmD3FlNO9nHA7DO87kDsP8ipfD9t/acj20d7FfR+WZhdxHzvsLnokcjZycde9dhpelRaXC4WSSeaU7pZ5jl5D6n/Ci3cL9iDQtCttG0+CMRQtcom2S4WMBn9cnqfxpviTXk0DTknYRb5pBFG08oiiViCcu56Dj61V8R+IIre3uNP06dm1Vo/3aRRM+0nnBYAqrEA4DEZrldFnTULyEQv9pF04im0m6cztCi53Syhs7Gzjjgc96NZMNEieaWPxJOt3ZXc76t9lZJbSwkeKC7RWwQk8kYBALdVPcfWuj8O+GorBJbm/tLf7VLN5qKT5xtxgAKJGGT0zn1JxVzTNBj0+6a5lup7yfBSN5yP3SE52qAAAOn5CpdV13TtFWP8AtCco0mdkccTyuwAyTtQFsAdTjA70bBqybU9Qj0rSrm/nVmjtomkZUHJAGcCuHn1q28Txwx3upR2d1Fco9nPpDtcKhcFVR5dnlq5yR171mpqV215M15cy2+q2jMzW0srM2pO2QkccXQwkbeQM+uMEnt7Xw1CtzDPM7JDHtkTT4wqwQyDnIAAzzzz3GaEr6sG7aIzNC8LOb43ms2CIqxtGsFxcfa2kYtnzCSMDpwAOh59K69VCKFQBVUYAAwAKjubmCztpLi6lSGGNdzyOcBR9a8+8Q+IE1HUIjDLcR6dKnlRXMxktYoJTyWkyFb7pBXsaL9EFupqaj4xt5NYuNKkNslqrG3nTzHe6ckdY4UVmI56ms2z8My6jDBFZT3F7pzKDHf3VyV8tA3KCAKOeMfN+Naei6W+rWBk+2SR+U/lJqUKKst7GByWYjJBOcEV1VpawWFnHb2y7IolwBn9aewbi2tlbWUZSzt4oFJyVijCgn8K5/wAS+LRol9FZxNZRylPNd764MSlM4wgALO3sBWd4p8UQT24XS2ubuC3kJvBbI6bkHHEmMFQfvFScVD4ftDqZktY76O9RI/NTUIiJTZyMf9XHI2c4HXv60ldhoiEaaNSubibQXvb+KW4LTWlxO9nHayMudxBQO45zj6Y9uw0PQ7bRtPgijiha4SIJJcLGA0mOpJ6mptM0uLS4GVHkmlkbfLNKcvI3qTWT4k8QRw2t1pulTu+rFPkSGJm2nrtLAFVcqGwGIzxRsrIN3dlrxLr6eH7CKU+SJLiXyY2uZhFCjYJy7noMD6ngCuUmePxHcC8sLq5k1VrMpPZWUjwQXiIxB2TyRjIBfqp7j61Doc0eo30KwOt3FeuI5dKuXM5tY0BzNKGzskzgYOBzgZ612ul6EmnXDXM13cX1yVMaS3BBMcZOdigAADp9cCi3cL9ip4e8NxafHJcXtrb/AGqWcyoP9aYBgAKJGG49M59ScVqarqMekaTcX86s0duhcqvU4qHVte0/RlQX05SSQEpHHE8rkAZLbUBO0dzjArz2HUbp7uRrq4lh1O2Yh7OaVnbUHbIVVi6eVjHIH1xRvogWm5pTaxbeJ1gW61JLS9iuAbSXSHeeMFhgI0pj8sMeR1rT0Dws32xrzWbCNB5ZjW3uLj7WxbdkyFmGAfYdq07Tw1DHdRXE0jiKPa8digVYIX7lQAM8+taWoalaaVaG5v5hFECBnBYsT0AUZJPsBmnohass/LGnAwqjgAdBXA3vi2x16G7sb+eC3sHUhTaO891EUOdzoiMEHGfmP1qlqmr/ANo63ItxfzadBKRJa300jwIka9VVDjMmeoYV0WnaH/a+nwXV0ZLFZgTPbwIIxdDPDScbskc/jSWurHtoUNP8L3N3qUEl6slxaQuJPtd1deabtduAPKACqOf0rtYLeG2hEVtEkMa9EjUKB+ApyqkUYVQFRBgDsAK4jxT4pguIEOltc3dpbyE3gt1eMMvIUiTABQMDuKE4obBI0vEni9dF1KOyiaxjkEYmke9uDGGTJG2NVBZ34PAHHHrWGulf2hPPJoD3moW8ly5ltrmd7NLOVlLbipQSOPmBx7jHtPoFi2prNax6gl4sMe+PVIcSNbSMSfKikbOQBjuTzzXYaZpkOl27RxM8jyOZJZpWy8jHuT9AB9BRbuF+xDouiWujafbwwxRGeOFYpLhYgrykAZJI65IzVfxN4hTw/Zwt+4EtxJ5Ub3UwhhQ4Jy7noOO3J6VU8TeIEjtbvTdInkk1UKMJBEzFTyxXeAVVyqsQrEE8etc5oUsWp30K2zreQXrbZNMuHM5s40B/eybs7ZM4GDxzgZ60ayYaRRJMY/EN0b3Tri6m1KS1AuLG1ke3hulVsEpNJGMqC3VfX8a63w3pUuk6dJHPtV5pmmMSSF1izgbQx5PTrT9L0NNOma4lup725ZSgmuCCUTOdoAAAHT64FLq+vWGkBY7qcrPKpMcaRPI3H8RVASFHcnii9tg3JtY1OLR9JuL+dSyQruKggZ/E8D61xUuq2/ic2wn1JbXUIZiLWTSXeaJtw4RpjHsDH61m22oXEt0zTzSx6lCxSSwuJWd752PQR9PKx0IH1rubPw3DDeR3EsshjjIeGzG1YYGxyVUAfrQl1YX7FPwroV1YXc19eQNaNJEIvs7XRuGODncznjJ9BXTMwVSx6AZNVtR1O00q1+0X83lR5CjClmYnoFUAlj7AE155qOrf2hrkgutQm02KRhNa30sjwr5I/gRDjMhOchhn2obvoFraly88W2HiG1u7TUbmG1sXXfG1m73FzAUYHdKiIyoOAfmPHerukeHL7+3be7uTMY7SQuLye8817sFNo+QAKg5575H41b0/Qf7WsLe6vQ9is6brmzgQRrcc8GTjOT3Ge+K6WWWG0tmkmdIYYlyzuwVUUdyT0FP4Q3JK5HU/GcMHiGTTM2qQwusVwskrG5kLqCPJhRWZgNw578+mayvEniNNQvLd7V5zpjr5Imk821ihnbBDykhW2bDlSOCe/etDQ9Mk1Wyk2X8h+yyLDDrMSKJrxAAXG4jld2VBHBx7ZpJX3/r+v1DYyrTwy+oWcNvpM91e6ayNHDe3VyYvsgVwGQQBQSwwR83cHPv6QOB61XsbGDTrKO1tVKxxg4yckknJJPckkkn3rn/E/iGNbS60/SJpZdSUDKW8bMQOpUPjaH2g4UnNDYJXLnifxEugW0GPs6zXLlI3u5xDChxnLN/QcmuXlEXiC7a90ue6nv5YF+02EEr20M6qcblleMEqCf4aZoLxanexJbyJewXhzJYTOZzYooOHctnbITjg/h612mlaImmyPPLdT3ty67DPcEFguchQAAAKLdwv2I/Deky6RpbQzlQ8krSlFcusef4Qx5P1NWda1WPRdInv513pEB8u4Lkk4GSeAOep6VDrGvWWlDyZrjbdSoTFGkTyH2YhQSFz3OBXAWd/PNclpZZF1CNvJk026lZ3vXY8kx9BGByCB9aN3ZBstTRl1ODxO9qZdSW21OGVltn0l3khk3DPlmZo9gYgc4Oa3PCmh3Wnzz3t3AbRpokjFs10bhhtydzOe5z0HFXLPw5Db3qXMs0jpEd0Fr8qxW5xg7VAFbVPYW4UUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFYmueLNN8PXlrbal9oBut2144GdVwMnJH9MmuZkWa18UvrPhfUVvIdUG8QmbfDO6D5owcna2OR9CD0oAm8ZazbXtk8M9vcpYw3YhN/byYmjkUHcY0HzEKAQSO2eDiquh6DdDWFubIyr9ph2/2nbeXLBIhUYkG9tyO2ADgHJwa1X0d9entNW0aQaUdkkVzBNaYZS5+cgcYfIxu5zWjf3mjeAvDXnC0aGzhKgpaQZJJwNxxj8SaFpuD97RGvp9jBpmnwWVou2GBAiAnJwPX3rE8U6zHDbXenrZfbNtq01yHkEaRxnIHJ6kkHA9jyKw/EEtrrN5Z+IfD+sNFPp5MFwFYgwqxxmSI4IG4c5AyuT2FXri0uPE9o8MttHpet2ksbSSSW/mRTBTlfm43oTzjPBpO73Gmkczp2j/AGsWd7pgvdSWF/kmJVp4X4zHPHKwBAPIPb9a9I0rS002OUmVp57iTzJpnABdunQdAB2qrY6ba+H7O5vrhVmvHBlurmOD95KfQAckcDArnNU1bSPHvh9Y9Kvpre+iYXMEDMYZWKk9B/F0PTOKpslLqdXq2q/2akKRW7XNzcPshhDBdx6klj0AHevNItPt9aa7FmlzK4lLTaes3zwc/fgJIVkPfpmunsZ5tZsU0zWIzJJNCxstUSHPbBBOPkcdD61qaF4X+wNFc6s1teXsMYihkS3CCFB2UckH1NK2uo76aEug6Q1uI769MhuvJESRyIieSg/hwhI/Wti4njtbWW4nbbFEhd29ABkmsC78aaFFq9zo1/PLaPGoDzSxtHF82eknQfU4Hoa53RxeeGTdWDeZq2lRt+8gYea6xP8AdkQc70x1H1xQ3cLWItfvodW1yya6STSZpIgbZ3lzHOCx2pOFxtDc4BJ6n6VoeHPC8nlTWl3b3lnZCZJpIJvLcTMpyFEgJZkBUYyBxgVdj8IC41K4lkuIZNHu3Sc2bWw3EqPlQk/wDA+XFX9W8U6R4Zu7LT7xJoVmRvLMNszRxqozg7RxwOgBx7ChaA7s3q4LxlrNtf2nlXFvcw2MN75I1C3kxMkiht5RB8xVQCGI7buCBUZS4sPFU2reF79b631YGZYDPvhuHQYeNWydr4GV7cMDwONFtFbXbi01fRZRpcbxSw3FvPaYdC5+cgcbXJGC3OaVmx6Iy9E8P3Q1Uy23nRrdQ7TqFsY5YJUIGHXc25GbAzgHJ5rvbKzh0+xhtLVdsMKBEHsKyNQv9H8CeH0f7I0NnGypstIMnJwNxx+pNc9rslvq2o2niLw7rDJNaH7POAxxEGPHmRnkDI5yBxz2FVfoibdWbPivWY47S8sBYm8VLfzLkmQIsaHpgnqx7D261yGmaObp7K+0wXmorG/7u5yrSxt3SdJGHK9j2rpJ7O48TWxH2dNK1qzmRpWlt98cu3oc8b17jng1sWlhZ+G9Oub2ZBLcMDLdXEUH7yY9egGT7CktNWN66It6VpaaZBIBI000zmSaZwAXY9+On0pmrar/AGd5EMNubq6uWKxQhgoOOpLHoAK5PV9U0nx3oMZ0i/ngvrdhdQwFjFMcdcL/ABcdxkVZtZJtd0/+y9Xj3XE1uxs9Ujh3KykYPP8AA3YjvQ7hocrb6dba1HcfYUupyJN0tgsv7225OGh3EK8Z6EdCPyr0TQ9Ja3K3960jXckKxBZERfJQc7AEyOpOcGotD8NiwdLzVWtru/jjEccyW4QQoBwEHJHvzWfc+KPD3ia31DQp7uaxkkZrXNwjQbn4+6xxk8j5ep9KNtEG7uzpdT1GHStOlvLgMyR4AVBlnYkBVHuSQPxrznU0TWPFF3BNB9l1KSMK2nPckwXnyAkBxgCZVKkZHGAeRzWnoNzeWFpHpmuQtqenrKLdnePzXtZVIwHGDlTwVftkZ9a0tM8F+TcEaxPBqNnDPJPbQvbjO9ySXkJzuYZIBosrhfQb4Y8POlram9W8ihsZWe3trpIwxcj/AFjFCdx+ZuTznmutrC1rxfpegapa2OpG4RrlWZZEgZ0UKMnJHt6Zx1OBXNLHc6Z4on1Pw1erqFrqgNwtv5++O4ZeHVGyQHAGR9CO1F7haw/xhrNrqFuiTw3FvZR3RiTUYJMSo6g7iqD5towQTnpnjFR6J4euv7SkaFZoEuosPe25jkglQj7yFjuQt3AB55rTOhHW7m31TR5V063lieG4tprTDruOX2jjaxIwTzmtLUdS0fwNokRNq8NoHWNUtLfOCeMkD+Z60LRag9XobFpaxWNnFa2y7YolCKPYVzni3WY1s72wFi12kcIa5bzAnlgn5dufvN3A/WsjWng1PVrTxH4b1crJF/o0wDnbGSflEkZ5UZ4OQD3q/PZ3HiWFXigTSdYs51abz7fekpHQ543r3HPFDu9xrQ53S9Ga4uLG/wBL+16giNiK8BV3Q55WdJGHzLzg9a9G0rTI9LtWjV2lkkcySyvjdI56k4qlb2Vj4W0m5vZI/Ml2mW6nigBkmPU8AZP07Vzes6npfjjQ4ZtGv54b6zYXccAYxTbQOSEP3uDwRkZ4zzRcSR1mrasbB7e3gtjdXV0SI4d4QYGNzMx6AZHr1rzK00y21u0lOnpdXKq+6WxWUedaZztMQYhXhYHGOhH5V1cJm8Q6a+lasg+1y2zfZNUih3JKjDkg/wAJ7Muea19F8OiwkF9qptrrUggjE8duEESAYCoOSByc896LdwvpoTaJpTW7HUL1pHvZ4UjIdVXyUHIjAXI4JOcE5q5qmoxaVp8l3OruqEKqIMs7EgKo9ySBXM3PiXw94usdQ0GW8msZJme0H2hGgLuMcKTjJyw+XqfTFVNBury1s4dM1+BtSshL9nMzR+a9rMp4WQYOVzgq/oRn1o3Db+v6/pGTqEaax4mvYZITb6i6gPpxucw3XyAna4wBMoI6jjjtzXT+GfD7pbWj3ou447J2NvbXKRhtx/jYoTuPJ5PPel0nwZ9nmA1ia31G2gmkltY3txkM5JLuTnc3PWp77Xbm68SHQ9KkjtZoYxNPcXCfweiKcbvc9BQtAep0EsghheV87UUscegrjtS1bUdR8Nvd3VrCmkXilSYXJmhQnCuex55IqnB/a+rTJrjBNTTTLiSOOJU2pcp08yP/AGhyPQ4res/DWnXFsskL30NlMwmNhIxRAc5wUIyOe2cUWuGxHBY69dDTorxreCK0kDm4tpmzOoGANmABnvkmumrH8R68nh/Tkl8ovJNIIYgeEDHpuboorn9SGt6jeLoEuqwyG7tWedraDH2f0ycnKt07E0XuFrbm3eatqU2r3Gn6JBbM9rGryvdMwDFhkKMe3esjRX1aVdQn0y2geK7mk86C4mMcltP91huAO5cjI6VZ0zSVvWQXFtdaPqVgggaW0O2OVO20kFWX2IyK1ytn4X0GaVY5nht1aWTapkkkPUk45JJpOyWoavRFjSLOXT9HtbS4uGuZYYlR5nJJcgdeaq6xqtxa3tjp+nxRveXpco0xISNEALMcck8jAHr7Vz1xrutPplhqEN3a41K4SOCxgQO5jbqQ+fvKPmJxgYp2neHhb40LVred2WZ7y01e2BVmcnLF2H3JMHHPDD8qp3b1ErW0Fhl1iXxbJMtvbLqdrbrFcW7SERXEDMSkkb4JUghgQR/Q10Gh2V7aJdy6jLmS6uDMIVkLrCMAbQT9M9AOelS6fpMGmyz3AkmuLicASTztuchei8AAAZPAHc1zb+JrzU7PU9R0+9t9NsbAtEBcxbpHkH95cgoOwHU0r2Q7XZ0et6p/ZGlvdCLzX3KiJnAZmOBk9hk9a5vV21mbUtOt75LSG7EnnWU0RYxO4HzRuDyOOhFV7XT7rzGv9d0+S9t9bhjS4URky2Zx93A5KZP1HeumsvDtvZ3MM73N3dvbqVg+0y7/ACgeuOBzjjJyaLWeoX00I9PtNVk1p9Q1Ly7ZPIEQtoZ2kVjnJY5AA9Ola1xMttbSzyZ2RIXbA5wBmufu9dubzxFJoulyx2b2yCW4nuU52/7CnG73boKw7b+1tTki8QSouqJYySRLCse1Z4+nmxA/xe3Q9qN1p/X9MNi3qupalqPhwz31tBHpV8Au+FyZbcMRsds8MM4yBWjBZa9dzacL429vHZvvea2nb/SBtIAKYAAOc8k9KfZ+GdOkt42he+SydxOLGVisanOcFSNw55xnFP8AEGuyaddWemWKqt7fkrDLOCIkx1JPc+ijk09mLc3q5t9b1e7kvpdGsrea2sZjC0cshWWdl+/t7L6DPX2FY1/bax4gv73SPt8N3HYNFNuEO2KSQcmCTr6A8dMjNa9lpFvq4mv1TUdGuZ/3d5AjbA7DgnkEHjo69R3qdXqMzNLstVu/CB0/SJITp14m61vTM0c8COc/MoHLLnruGe9dwilY1UksQMZPesbWNTs/B/hoTJbN9ntwsUUUY+UZ4Xc3RV9WPFYmoT67NdWOky6pA0uqRyectnF81qmMiRWOcqDhckc7uKbfYPU27/VL9taGl6RFbmZIPPlkuSdoUkgAAckkjr2rF0iXVpNT1G6sbWAySyCK+tJ5ihilVeGRwpypBBxgVJpGhrIlvYXtrPpt/pUYjhvLLKxzRnuDgjkjJU8g8+9dHp+nW+k2siweY5djLLI53PI3qfU8dqNEAzQ7G407SIre8uGuJgWZnLFsZJOATyQM4o1vVDpOmmdIvNlZ1iiQnALMcDJ7Cuak8T32o6bqGq6feW+n2dmzRIlxFvkkkB6MMgrnoB1qG10u4WZ7jXbCS9t9aRPOYITLaNjhSBztB6EcjvRuGxPqrazNrGnwXaWkV7GxmspYyxhlIHzxuDyDjoa29NtNTfWZtQ1Ipbq0KxLaxTtIuQcluQAD24FSWPh+3s7qO4e5uruSFCkJuZA/lg9ccD8zk1n3Ou3N/wCIZ9I0uaOy+xr5lzPcpyR/sKcZHq3SjYDoLq5Szs5rmXOyGNpGwMnAGTXHaxf6nqPh1X1K3gh03UNqiSBy0lsWYeWzA8MM4zj171UtDq2oNB4luIl1RLUyQ+QkeBLHnHnRA9yB0PUdK6Gy8Maf5MJikvRZBxPHYyuRGh6gbSNwwedpOPai3cBsNpr15e6a2o/Z7ZLJ2eR7adj9o+UqFKYAA5zyTyK6KsHX9dlsr+y0jTwiX9/kRTTgiKMDqc/xN6KOfoKwL621jxDf32mC9gvI9LlhnUmHbDPIPmNvL15GAcjpuGRRe/8AX3hY15Nc1a8W+uNKsbeazs5mgaN5Cs0xThyvZfQZ6+1Z2mWOrXfhNNP0uWE6dcKGtb7zWjmijY7uVA5YZ65Ge9aVno9tq6zagi6lpE11lLy2VvLDuOCSCCDxxvXqO9W9a1W08JeH0kjtz5UW2GGNBhV7Luboq+5o2Wvl/X+QbvQ2VG1ACckDGT3rFvtV1B9ZbTNGhtzLDCJpZLlmC4PAUAfTr2rE1GTXLq6tdGl1SF5NRhczC0hwbZcZDg5OVzhecZzxVjSdFWcQ2t3bXGl6hpkYiS6ssrHNH6gkEEHqVPINAbIh0eTVpLzUbnT7aBjPIUvLaeYo0EwGMq4B3Keo6V02i2U+naRBbXdw1xMgO+RiTkk5xk88VHHBaeHNIuJUWaRE3TStgySSN3Jx1NcxceI9Xn0WHV7W7tUjvJlS1sUTzHkUnBG4H7/fpgYo8l5AdJrOqT2UtpaWMUcl3eOUj80kIoAySce3asEyazL4rV/ItV1O1g2tEXYQ3MDNwytglWBByCDTLHQDbyPpGr200y3ExuoNTgBDrJ1+cj7rDpnoRXTafo0NhcS3BmnurmVQrTXDhm2joowAAPwoWmoPsRaLZX1vLe3OoyAPdTeYsCymRYRgDAJx1xnoBzV69u47CwuLubcY7eJpX2jJwoycflWBNr1zqPiC60vTJ4rFNPXddT3KfMcjjYhx8v8AtdPSsSyOq3ptvFN1B/aiQpLbtbpFjdEWx58Knn5gMlT1B4pbrQez1Let3up3/h6P+1be3g0/UTGqy27l3tHZx5RcHh13bQ2Mde4rWhtddvNR0+XUxb2qWbM0jW07MLglSoBUgADnPOeRS2XhbT0ht/KlvDZRus8NlK58uMjlflI3AA8hScAjpxRr2uzWuqWejadsjv74ExzXCkRIo6/7zeij8cVXUnob9cvNrmq3tre3Wn2MEthbyNC8bSETSBeHK9h7A9ayry31jxBf3lmLuG+j0qeOVMxbIbhxyYX68jAOR0yMitiz0W01aOW+RdR0prs4u7QN5YZhwcgg/wDfS9RU2uitjP06w1i68MQ6fYSwfYJAr298szRypGTuwUA5YdOvNdoowoBOcDqe9Y2uavbeFdEjaK3O0FYIEUYRT0G5uij3NYWpHXL27h0KXVYZGvrdmnNrDg2w7HOTlT05wT2pt32El3Nu91XUZdYl07RobYyW8Qkle5ZgCT0UAfzrG0Z9Wlk1G4022gZbmVhc29xMUe3nAw2GAO5e46VY0rRluvLiura50nUdOjEInsztjmj7bSQVI9jyDW0I7Pwzok8qJM8UIaaUqpkkkPUk46k0Oy3DVk2j2U2n6Pb2t1cNczRoA8rEksfqear6zqs9nc2VlYRRyXd67BDMSERVALE45PB4Fc5ceINZl0m11S3u7VVv51S2sYk8x2Q8HDg/eA+Y8YGKdYeH/s7f2Lq9tNJvma7ttVtwVfeTk72H3X5xk8EflT1b1DSw9JNZl8WNKILVdTtbcRzQNIRFcW7MSro2CVYEEEEH+Vb+iWV7bfbZ9Rk/eXdwZlgWQusC7Qu0E/7uegGT0qXT9Ih0+ea482a5uZgqvPOwZiq9F4AAAyeg71zr+JbzVLfVb7T7230yw03fEzXUW6RpF7uhIKL6Dqc0r2QWuzotb1RdG0mW9aMylSqogONzMQoGewyRzXNay+szXmnWuoJaw3JmE1lPCWMRmUEmOQHnBGcMP0qta2V2ZP7V17TpL631u2jiuofLLS2X+yAOTHk59R15rprLw3bWdxBM9zd3ZtgRbi5l3iLIxkccnHGTk0Ws9f6/r+vMvpoR2Frq02t/2hqXl2qLb+ULaGdpFdiQdxyABjGBxnnrW3WBreuzQ6va6JpuyK+uwWWe4U+Wijrj++3+yPxrAuINY1++uYluYb+PSbhJIx5YSK5YcmNuvzD1HHPNG4Gnca5qd7p15e2llBJpkbPE6eYROyjIZh2B9AagsdP1m58O22n2ssAsiUeG+jmZJBHnOCgHXt1xV200Ky1WGW8jGo6at4f9Ks9xjVm75Ujv6qRmrWvazB4Y0mHyoMl2WCBcbY1J4G5uij60bfgG5tgYUDOfesK71XU59XuLDRILZntI1aV7pmAZmGQoA9u9Yeprreo3i+H5dVhkN3as87W0GPs/pnk5VunY1e0zSFvWT7RbXWj6lYoLdpbQ7Y5k7bSQVZfbGRQBV0VtVlTUZtLtoHivJpPOguJjHJbT/dcbgDuXIyOldTpFnLp+j2tpcXDXMsMSo8zkkuQOvNV2Fl4W8PzzLHM8FurSybFMkkh6knHUk85rnLjXtafTbDUIbu1/4mdwiW9hAgdzG3Uh8/eUfMTjAxR5Ly/4Aeb8zodY1W4tb2x0/T4o3vL0uUaYkIiIAWY45J5GAPX2rChl1iXxZLKlvbLqdrbrFcW7SERTwMxKSRvglSCGBBH9Kbp3h7yNug6tbzsyzPeWmr2wKszkksXYfckwcHPDD8q6bT9Jg02We4Ek1xcTgeZPO25yF6LwAABk8AdzRtr/AF/X9eh5EWiWV7apdS6jJmS5nMoiWQusIwAFBP0z0A5qTW9U/sfS3uhF5r7lSNM4DMxwMnsM965yTxNe6lZalqWn3tvp1lYFogLmLdI8i/3lyCg7AdTmq1rp1yJWv9d0+S+t9ahjS4URky2Z/u4HOzJ+oo3/AK+4Nv6+8sau+szalp1tfJaw3Yk86ymiLGJ3A+aNweRxnBFbWn2mqSa0+oalstk8gRC2hnaRSc5LHIAHp0qSx8O29ncwzvc3d29upWD7TLv8oH04HOOMnJqjd67cXniKTRdLljs3tkEtxPcJ/D/sKcbh6t0FH9f18gOguJltraWeTOyJC7YHOAM1xur6lqWoeG/P1C2gi0u+AXfA5aW3DMNjtnhhnGQPWqtsNW1KSHxDKq6oljJJEsCx7Vmj6ebEP72O3Q9q37Pwvpz28TRPepZM4mWxlcrGp6gbSNwwf4c4ot3DYZBZa9dzaaL429vHZvvea2nb/SBtwAUwAAc55J6V0lY3iTX10CyhKxb5rmUQw7vljVj0Lt0Ufz7Vz2qxa3qt43huXVYpftFmZJ5IINvkNnhW5OVfkY4PFF7hbubt1quqXGrXdjocFqxskUytdMw3uwyFXHQY/i5+nWsfRDqs1pqEuk28L299PM0kVzMY5bS4ztkUlQdwDAkEY4xVvTdKTUJBLPbXei6nZoLaRrQ7Y5UA+XaSCrr6cZHTitWVrLwn4bmlSKZre1RpXCKZJHJOWY9ySSST+PApOyTv/X9f15iu9EWtKtJLDSLS0nuGuZYIVjeZzzIQMEmqerarc2+oWenabFE93d7mDTkhERcbicck88Cufuda1t7DTrtLy1zqs6pDZWyB2ETDkrJ3ZR8xOMcU/TfD4h2aHqtvP5kMr3Nrq1qCpdicksw+6/OCDww/Kqd29RK1tBbabWJfFM88dtbDUYIViurZ5SI5YiSUkjfBI6EEEV0Gh2V5aW87ahLuluJ2l8sSF1iB/hBPUce3WpLDSoNLaecSTXE82DLPMdzsB0HAHA54A71zUvia/wBQ03UNV0+8t7CztC0ccc8W6SSQHowyCuTwB1pXsO1zo9c1U6Rp3npF5srusUSE4BZjgZPYVzmqvrM2safb3cdrFfRsZrKWMsYZSB80bg8qcdDUFtpdwk0lxrljLfW2tInnMEJltGxwp287QehHI7101j4et7K6juHubq7khQpCbmQP5YPXHA/M5NFrPUL3WhHptpqb6zNqGpbLdWhWJbWKdpFyDktyAAe3ArUurlLOzmuZc7IY2kbAycAZNc/ca7c3/iGfSNLmjsvsSeZcz3KckY42KcZHq3SsO0/tbUHg8S3ES6olqZIPs6R4EkecedED3IHQ9R0pbrT+v6Y9nr/X9It6zfanqHh1X1S3gg03UNiiSBy0lsWYeWzA8MM7c49e9akNnr15e6a+om3tksnZ5Htp2P2n5SoBTAAHOeSeQMU6z8L6eIYfKkvfsQcTx2MrkRoeoG0jcADztJwMdKXX9elstQstH08Il/f58qacERRgdTn+JvRRz64FV1J3Rv1zMmuateLfXGlWNvNZ2czQNG8hWaYpw5XsvoAevtWRe2+seINQvtNF7DexaXLDMp8rbDPIOTBJ15GAcjpuGRWxZ6Pbaus1+i6lpE11lLy2VvLDuOCSCCDxxvXqMc1O6uVsZ2mWWrXfhSOw0ySH+zrhQ9rfec0c0UbHdhlA5YZxnIz3rtVG1ACckDGT3rOv7y08NeH3nEDi1s4gFihQsQo4A/8ArmubutW1x7XTpVvrYnVZQsdpbIGZImH3lfuVHJOMVXXQXTX+u5v6rqt1DqVrpumRRPdXCtJvnJCIi9TxyT7Vh2U2sSeJrq4htrcX8UaxXlrJKQjryUkjfBx9CKTTNAEYj0XU7aeOe1dp7XVLQFfMyeSWHCtzyDwa6Sx0y30lbiZXmnml+aWaU75HwOBwO3oBS21DyGaHZXdlZyf2hN5k00zS7A5dYwT90E8kCl1zVW0mxWSKITTzSrDCjHCl26ZPYVzc3ifUL/R73WdOu7aztLdjHDBNFvklcHGGGcqSeAOtMt9ImiuJTrllLfW2tbGeZUJltXxwrbeQo7MOnejf+v66BsS6k+sza9YQ3MdrFqEO+aykQsYZxgB0YHlWGRg81uaZaakdYutQ1IrAssSRpaxTNIo25y2SAATnHA7VJY6BBZXaXL3F1eTRx+XE9zIG8tT1AwB145PPFZs2u3Oo+ILrS9MnjsU09d91Pcx5Y5HG1Tj5f9rp6UbAb97dx2FhcXc24x28TSvtGThRk4/KuQ1q71W/8Px/2tBb2+n6iY1Etu5d7RmcGIuDw652hsY69xVSyOq3ptvFV1B/aiQpLbtbpFjdFux58Knn5gMlT1HSuisvC2nxRW4imvGso3WeGylkPlxkcqNpG4AHkKTgY6cUW7/1/SB+QkNprt7qWnzan5FqlmWaQ207MLglSoBUgADnPOeRXQVga7r01rqlnounBI7++BKTXAIiRR1x/eb0UfjisG6g1jX7+8tFu4b6PSp45U/dbIrhxyYX6/MMA5HTIzRuBqTa5qt5a3t1p9jBLYW8jQvG0hE0gXhyvYewPWqmnWOsXXhmCwsZIBYSbXt75ZmjlSPO7BQDlu3Wr9notpq0U16i6jpTXZxd2gbywzDg5BB/76XqKt65q9v4W0SIxW/y5WCBAMIpPA3N0Ue5o238g3ehsqMKATnA6nvWJearqMusTadosFs0ltEJJXumYAk/dUAfzrE1L+3L67h0OXVIXa+t2eY2sODbDsc5OVPTnBNWtL0dLsxxXNtc6TqOnRiHz7Q7Y5k7bSQVYex5FAEGivqssmo3Gm20DLdSsLm3uJjG9vOBhsMAdy9x0rp9HsptP0e2tbq4a5mjTDysSSx+p5qER2fhnRJ5USZ4oQ00hVTJJIepJx1Jrm59f1ibSbTU4Lu1VdQnWO3sYkDuyNwcPn7wHzHjAxR5LyDz9TotY1S4tLmysrCKOS7vWYIZiQiKoBYnHJ68CsBJNYl8XNKsFsuqWtuI5oGkIhuLdnJV42wSrAhgQQf5U3T/AA99nb+xNXt5pN0zXdtq1uCr7ycnew+6+Djnhh+VdPp+jwafPNcCWa5uZwqvPcMGYqvReAAAMnoO5oXf+v6/r0H2ItDsr21+2z6jJmS7uDMsCyF1gXaF2gn6Z6AZPSrmoXkenadcXkwYx28bSMFGSQBmsCTXrnU9evdO0y4i0+LTBm7nuY8uxIyNqHHyd954Pb1rFsf7UvBa+Kr22/tOPypLeS3SLnyt2POhU8/MACVPJB4pbrT+uw9nqW9autWvdGgXVYLaC0vmTy5rdi7W0hYGPeDwyk4Bx61r29prl5qljcan5FqloG8wW07MLgkYGVIAA785p1l4WsIUt/LnvHtIXEsFpNJmOM9RwRu47Anima3rs0OsWuiabsivrtS4nuFIjRR1x/fb/ZH41XXQnodBXKXGuane6deXtpZQSaZGzxOnmETso4Zh2B9AazJ4tY16+uY1uYb+PSbhXjHlhIrlhyY26/MvqOPWtmz0Ky1SCW7jGo6at4f9Ks93lqzd8gjv6qRmptdFbMp2FjrNz4ftbC2kgFllHhvo5mSQRA5AKAde3XFdiBhQM596xNe1mHwzpMPlQZLssFuuMRqTwNzdFH1rC1NNb1K7Hh+XVYpDd2rPO9tBj7Oe2eTlW6djxTvfYSXc27vVtTn1e50/RILZntI1aV7pmAZmGVUY9u9Y+ivqsseoz6XbQvFeTSedBczGOS1n+643AHcuRkdKtaZpCXrJ9otrrR9SsUFu0todscqdtpIKsvtjIrXYWXhbw/NMkczQW6tLJsUySSHqSe5JPOaTslqCu9EWNIs5dP0e1tLi4a5lhiVHmcklyB15qrq+qXFre2Wn6dFG93elyrTEhERACxOOSeRge/tXPXGu61JpthqEV5a/8TO4SOCxgQO5ibglXzyyjLE4wMU7TfD32fboOrQTsyTPeWmr2oKs7kksXYfdkwcc8MPyqndvUFa2gsEusS+LJZkt7ZdTtoFiubdpCIp4GYlJI3wSpyCCCP6V0Gh2V7aR3Umoy7pbmcyiJZC6wjAG0E/TPbrUun6TBpsk9wJJri4nx5k87bnYL0XgAADJ4A71zUnie91Kx1LUtPvbbTrKxLRAXMW6R5B/eXIKDsB1NK9gtdnSa3qn9j6W10IvNfcqRpnAZmOBk9hnvXN6s+sy6np9tex2sV2JPOspoixidwPmjcHkcZwRUFtp90JGvdd0+S+ttaijW4URky2Zx93A52ZP1HeulsvDtvZ3UM8lzd3b26lYftMu/wAoHrjgc44ycmi1nqF9NBmnWmqSa0+oalst18gRC2hnaRSc5LcgAenStmuf1jXZ01y30LTCkN5cJ5hnuF+RUHXaP429h071gyR6xrt7M6zw6imj3QaJRGEiuiByvfDr6g4zRuBoXWu6lfaNd38NlC+kjfHIiyEXBjAIZx2BHJ2/rSWVhrdzotlYRyW62kbxvHfRTMkhiUggFAOpHB5x7VatNAsdTtpLmL+0LCK9O65sSxjVm/iBUjjPfaQDVrxBrcfhzT7dYYQZJ5Ft7cN8sSMeBvboo/U9qNvwDc2xwKwbrVtUudWvLHQ7e1ZrFFMrXTMN7sNwVcdBj+Ln6cGsTVIdb1W8fw5LqsUv2izMk8lvBt8hs8K3Jyr5IxweDV/TdKTUJBLNbXei6nZoLaVrU7Y5UA+XaSCrr6cZHTigCpoh1Wa01CXSbeF7a+nmaSG5mMctpcZ2yKSoO4BgcEY4xXVaVaSWGkWlpPcNcywQrG8znmQgYJNVZWsvCfhuWVIpmtrVGkcIpkkck5Zj3JJJJP8ASududa1t7HTrtLy1J1SdUhsrdA7iJurLJ3ZR8xOMcUeS8v8Agf194eb8/wDgnQ6tqlzb6haadpsUT3d0GYNOSERFxuPHJPI4rBtZdYk8U3E8VvbDUYIliurZ5CI5YySUkjfBI75BFJpnh/yQmh6pbziSCR7m11W1BUuSeSzD7r84IPDD8q6aw0qDSzPOHmuJ5sGWeY7nYAcDgDgegFG2oeRHoVjeWdvO2oTb5bidpfLEhdYgf4QTyRxTtc1U6Rp3npF5srusUSE4BZjgZPYVzcvie/1DTL/VtPvLaws7QmOOOeLfJI4PRhkFc9AOtRW2mXCTSTa5YS31trSp5zBCZbRscKQvO0HoRyO9G4bE2qPrMus6fBdx2sV9GzTWUsZYwykD543B5U46HmtvTbTU21ifUNS2QK8KxLaxTtIuQSS3IAB5xwO1SWPh+3s7qO4kubq8lhQpCbmQN5YPXGAOfc5NZ9xrlzf+IZ9J0uaOyFkgkuZ7hMsQRxsU4yPVulGwG/d3KWVlPdS58uGNpG2jJwBk1x+s3+p6h4dV9Ut4IdN1DYokt3LSWxZh5bMDwwztzj171VtP7Wv2t/E1xENTS28yD7OkePMjzjzoQe5A6HqOldBZ+FtOEMHlSXv2IOJ47GVyI0PUfKRuAB52k4HpRbv/AF/SD0Gw2mu3l7pr6j9nto7J2eR7adj9p+UqAUwABznknkcV0VYviTXxoVtbrHEHubyYQW5kysSuehd+ij26noK5/VbfWtYvpvDUmrRTeZZebPJDb7RC+cBHGTlXGeODhTRe4WNu51bVbnVL200S2tX+wKolNy7AyOw3BVx0GO5zzWRoy6rPpt6dJhha1vpZWKzzNHLazE4dSVB3AEHBBFXtP0pNTkNxLb3mialbILaf7K22OVQPl2kgq646HGR04rSuZbLwl4bklSGU29qpYrGpd2JOST7knJJpOyWoK72LunW0llpltbTTNcSQxKjSt1cgYyao6rql1DqVtpumRQtdXCtIXnJCIi9enJPtWBdavrb22nSrfWxbVJAqWlsgZ0iYfeV+5Uck4xTtL0ARrHoup288U9qzT2uqWgK+Zk8kt0VueQeDVO7eoaJaC2UusSeJbq5htrYX0SLDeWskpCOvVJI3wcD2IroNCsbuxs5BqE3mTTTNKVDlxGCfugnkgVLp2lQ6aZnR5Zpp2DSzTNud8dOgAwPQCr1IAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqK6uobK1kuLqQRxRruZj2FQ3OoxWl1HFcBo0ccTuQIwey5J6mubuHfXNY1Ky1G/a2hs2DCwXavnxj5t5b72Ce4IxikMzdZt9L8V30qaer2WsiJZPIul8v7Ug5U8HqOzDlal8M+Hv7SBudasZLa7tp1Zbhcwyysuf9YBhZMZ+9zkHtUPhzQbvXmi1DWLeNLf7Q11FOk7ieQkYUbhgqAOODzxXc3l2tjCjvHI6bgrMuDsH95iT0Hc1S0E9SzXF69qHh/X57a0uJJbWZ5HisNTMYEbSYwyKx+8p6FSNrcjmrusalNda5Y6dbap/Z9pd27SRXcQRjPJ0CKWyOhDep7VzqaDPrGsajpNva27aNbRrp3mzSs7QKNruIxzyxI5zkFR6VNrj2DRfC88upSaPrmmq1vDEyx3CblaFSCAIZRzsOT+7J+X3FeiW1utpaRW8ZZkiQIpc5JAGOT3NRpGmmabsgSaVIEO1PMaR29ssSSfqaxdf10x6PBNYXS26S3KQXNzhXNoD1LDkBgcDnpnmqv0F5sb4m1nQ/s9xYazBNcW0YU3MkceUt8n5Szdj345HWuVTw5d2mrRQLbxavpl64dZHXdHJ/tkgfJIB/GMBu/NXdS0+9TxBZ2GlbNUd919cvdzYSXoqMwXj5QRgAAHFdd4f0ODQNLW0tyx53P87FdxOTtUkhRk9Biku4N9CbSNIttFsza2ZlMRdn/eyFyCevJ5pdT1S30yFGnWSR5W2RwxLueQ+gFI2qJ509uEZLlFJijkIBmwM5UZyRXE3VzPe+GX119Te5vlzFFbriMWsrnbgAYOQOOc+opPUaRTvdLttQWTV/CG8GCRhcWQUebbsfvYXuD3Toe3NdV4Y8P21skGqmz+w3bxFXggZliwTnPlnhSeuMDFReF/DElrNHqWp20VpeJCsKRWsz7do7v03kk55BxXQT6jFa3iQ3AaJZB8szkCMsTgLknqfSq20J31Jbu7gsLSS6u5BHDEu5mPauC1i00zxVf3C6Yj2WtpGkr2l0PKN0g5RuDww7OOV6HjitOWR9c1TU7bU75oIbCUMNPG1BLGvzK7N97k4OQQBjms7wzoF3rgt9S1q3jji857yKeOdxcSs4wuWGCoC4GAcHA7VK1KbsT+F/D41IC91ixktr21uVdbhQYJJ2XP+tUYVyMkbucgnGMkV3ROBk8Cq15eLYxo8kcjRltruuMRjuzEnhR3NYGrahNe+ILTS4dT/s+0urUyw3MQVvtL9Nis2RwCG45PY0730X9aCtbVlHXb7QfEU9vazPLaXEjPHYag8YEcjdGQE/eU9CCMN2rN0TwvPcX82la7poMMEZWO5UsjxKegilHJQ5+4Tx7iiDQbjW9W1DTorWA6NbhLASyyszQquGYRjnkkjnOQVA7V34VNN07bBHNMkKfKm8yO3tljk/iaFZK4O7diW3hW3to4ULFY0CAsckgDHJrnPE2s6E8E9hrEU0tvGVE86R5S2Y/dJbsR146VJr+umPTbWSxu1toZ7hYbi6G1zbZ656gHPHPSuf1DTr4eIrbTtKEepna13cvdy4R2b5VcheMgdBgA0atgrJFSHw5d2msw2r2sWq6bdP5iysuUb/bDD/Vyf7QwG+teg6TpNvotgLSzMpiDFh5shcjJz1PNRaDosGgaUlnbFyFGWzIzDPfaCTtHsMCq+oa4yaLfT2UJ+220Zb7NJjeBn7xUHOOp98UN2QLUl1rV7Kxj+zXcEt400bFraGMSExgfMSDxj615/caOqRxat4V26jpdwBGYjH5uxc/6qROSyA9ONyfStDWbeabS7S4sNQbWLzVWSBXeQRq0Y+Zo/kx8pwc8EjOCa6fw5oH9mNcXtxGkN7eNvlit5G8pOAAAucE4H3sZoS11BvsTaBoFpo6vPawvbSXKJ5sHnM8cZUYwueg7fgK0b29t9Pspbu8kEcMQyzH/AA7ntio5tRit75Le4DRLIBsmcgIzE4CAk/e9q5h5G1zUdVj1W+aGLTbjf/ZoKoHjT5kkZvvcnawIIA24PehsEjN1ey07xRf3X9kpJZa3EiTTWVyPKa4UDKPweGHZxyOh44q54W8PrqCpqGq2L2t7b3AcTIDA87Ln/WoMKxGSN3Oc8Gq3hbQLvW47PVddt44l8x72KaKZ1nmaQcFiMFQFwNoOOB2ruL2+SxVHljcxs2HkXG2Mf3mJPA96fwi3LDMFUsxwAMkntXE65d6D4luILV2ktLuTeljeyxARzHoyAn7yn0PB7Ve1W9m1DxDDpS6mdPtLi2MkMsQVvtTHjaGORgA5wOT2NYFroVxr2qX1mLaA6PCy2izSTMzxKmCVj+p75yMe1Tuyr2F0PwxNd3k+ma9p2EgTal0pZJIx2CSj7yH+6TxXokMYhhSJSSqKFBY5PFQkLpun4hjnmWFcKgYyOw+rHJ/E1ia/rhS0smsr1ba3ubgRT3i7X8j27gHPHPSnfoT5kXibWNBlhlsdYjme3jkVZLpE+S2kP3Tv/hYeo6d65u18N3lprkNjPaRalp1w/mpKU+T18xWX/VSdOmA3bBqze6Zff8JJDpulrFqIjja5uXu5cKzyZAkKjjIHbAFdnoejW+g6THZWpkKIOd0jNz7Ak7R7DAoWiuN9iTSdKt9F05LKzMphQkr5shcjJz1NVdc1iwso2tLy3lvTLEzSW0UQkJiA+YsDxjtz17VFqevPH4fvrmwiP222TcbeQAvGM/eKg5xjJ98Vy+t2k0ljZvp18dbu9YdIg8kojWSFAXaM7MDYSDk4yN2CeaT1GtDOuNH8lIdV8MFdU0i7VYwjRmYBQeIpU5LoDwDjcnuK77QtAtNFSWS0ikt2uVQyQGZpEjKrjC56AdPoBUXh3QRpf2m8nRYr2+kMs8cEjeSpwAAFzjIAHzYyeam1jXE0suuYT5cLSys8v+qHRSyjLbSeM44qm7Ilal7UL2PTtNuLyYMY4IzIwUckAZrg/ELNqsMbeK7WKxsrnb9hv4JcvbMw+657g/lzip9MF7q0E0iX8w1tCz3FhcTl7aeJj8uxfu7CMYdRnPWp7rwtfCzsrbT43ltud1rfXW6G1yMfKAuXxngE4GKm3cq/b+v6/E6XQYryDR4YNRjt45YRsX7N9xlHQgdsjtWjWYgTw94fgg8xZPs8axJ50oTzD0AyeOa5i81b+1dfMF/fXFhYgeTDLZ3LR+XcH+GXGOfTPymqesiVoi/rGq3+otd22n6VBe2Nq5ivY53w0q45Cj1Hv1qDwNaR2xmm0SSK50i6JcSOf38Ljgxt6gdBnpTh4e1MrezvJNHqBTyxNaTiNb0di4IO1vcc+9XvDOjSaJb3V3frb2sk4VpIYXzHGFXGSx6nuSaS01G9Toqwta1bUEvP7L0K3ilv2g88PO+2NV3Yx6nOCPbrWNrfiOSeS0gZmgtM+de/Y7g+cIucOrL1Tpkqcip4NAmuby2f7dPdWkal7LU4rj/SI1PWNiQRIp9TnpQGxm+H7OIeKXvdFt4ba7jbyNT0yZv+Pbccl4j2BPOBwa9Brk/D/h2+g1s6lqUccLxCVEYTebLcbyp3SNgDgKMKOBTvEfiO5isbm30c25upJDb2z+eD5j7fmVeoEg7K3U0dEg6s2Na1U6XDbiKDz7i6mEEKbtoLEE8nsMA1xF1ZTXviC3/tCG0svE8J86EZzb6ii9Mj+8PzFaUWlpq9lG+mXd1qWmTOq3Fvd3Lme0lXHzo7HcjqRkqfw95ZvCt/d66ouJDNaQtE6X1zMHn+Rt21FVQFyerdTQl72v8AX9fiDeh18JkaBDMgSQqC6g5APcZqDUr+PTNNnvZlZkgQuQvU1R1jXl0zzFUwExxF3Z5f9V2Usoy20nvXNacl5qtrK8d7M2rpk3mnXc5eCaNjxtXoFx0ZfxpPXYa03K/iEPqoiHiu1hsILkgaffwybjCzD/VyeoP5Gu20RLyLSYYtRigjmjGzFufkIHQgdvpXMXvhW+a2tLSyV5rUqQ0N9dbo7XIx8qhcvjtknFdC0yaFplnaKyzuqrGqvKFZwByQD1wOwqtEmTu0atcLrGrTaxpr3d5pUc3hzkSsJP38ZU8TKB0x6dRTLa+k13Vp/N1W4sbiRs6Y9vcN9nkVeoK8Bmz95WGfSrEvhzUf7Jme3heO6nlDT2Ed3stpjnlvullB6kAjNTYrY0fBVnJp+km3ilt7rTv9ZaXcR+aZW5y4/ve/eukrD0qzHhnw/Kbl4FYu8zKHEcSsxzsUnoMnFYWp62L7W0t9SuZrHTYk8uaSzumjeC4YDaJWXBC8nafuk9ap6uyEtjU1fVdTu7u70/Q9Pt7sWZQXa3T4WVXXJjUY/ukHJ47Vl+CLO3gv5rvw6Y5NLuSUuIpj+/spEGPKz1KjsvbtVyHw9qH2u4nnuZxeRQ+XDf2sqo14nO1ZVKldwP8AFjvx6VP4T8P3OlyS3t/FDbTzQpCYIJC4wpY7nc8s5LHmkv6/r+v8x6r+v6/r7umrM1rVX02O3jt4POubuXyYVLbV3YJyT6cVj+IvEdylnNb6SYDcSSGGB1nBMhA+cKRwJB2U9aqRaUurWsL6beXOo6XM482O5uXNxaSL/GjsdysD1U0tx7GZNZS3niKBruC0s/E8H75Yic29+o43f7w9eor0eIu0SGVQrlRuUHIB7jNcg3ha/udfVrpzLbQSRyJe3Ewec7TnaoVQFGep6mtfWdfXTfOWM25Mce5nkmAEbHhdyjJAPr0p7RFuy/qmoR6Vpc97MrOkK5Kr1PbFcL4hifVXij8V20Gni4YDTr+F92wnnypfUH8jU+nw3eq2MjRXk8uqKCL/AE29nLwzK390dFGOjLxU+oeE76aG1srXfcWbRMjJf3O9bXcMfKoXLkDpuJxRbUdzqtHF4mlQpqMUMU6LtZYDlMDoR6fSrtZk10mi2dpbKVmcAIFeUK7Ko5YA8tj0FcrZ3s2vanOZNWnsb2Rt+mNBcMbaWNR02cBjnO4MNw7YxTer0JWiF1jVpNZ0n7fqWlpJ4aYEvIsn+kQFW4nGOmPQcjH4VteDLObTtGFoJLe5sEw9ndwnmdG5y4/vZ6nv1rMl8OagNHka1t3S4nnD3GmrebbWQ7ss33SwDdSoIznnvWzptqPC/huQXEkAcSSTFd4iiDu5bYpPAGTgUlov6/r+vub1ZuVzGsarqV7c3djo+mwXkVmyreJcvjzVZclFH0IOTx2rN1LWRqGvC21G7nsNNiXynks7pomhuWAwJSMEDrtP3SetW4/D2pefczzXE63scXlx3lpMsf2xOdokUqQGH94DvxSe1/6/r9BlbwRZwW91Nc+H2jm0q6JEqyn9/aSLx5ZPdR2Hau3rmvC2hzaQJ73UEgtZZokRoYZCyqFydzOfvMcnJrP13xHNOtvBAdkDv5lwbO4zM0AP34yvUeu05FU+xK7m3rerXkF1HpujwRyX88TSI0zYjQDufX6VyukWav4pN5pttb2urQHbqGmyt8oDdZYj2z7da1IdCkvri1khvprzT+ZbO/S4zcWxP8O453qenOfenaR4bvl8Qf2hqKqnkO5jmM3mTXG4Y+cgAADH3RxSWjG9jrqp6tqUekaVNfSozrEB8q9WJIAH5mqGteIBpqzrCbYtHGMvLMAI3J+UOBkqD6niucsLe51XTZGiup7nUFXZqWl385aOUN/dB4Tj7rLgEUt9h7FfxBbvqlxFD4rt7fT5bh9um38Tbl5wRBL6g+nQ13WlfbP7LgGpRQxXKrh1hbKcentXKal4SvrmO3sbcyXNk8DxsdQuQ4tdwx8ihcuwHALE4rpbq9TSIbW3BWZiMbXlAcoo+ZwOrY9BT0SFq2aROFJPauB1jVX1nSVv9V01D4akXd5ySf6RbsGwswx0+g5GO9FheT6/qE7Pq09lqMjedphhuGNrPCoxgJwr853gjcPbAqzL4b1BdHJs7Z0lmnD3GmG822pOcsw+UsFJ52ggHPI60rd/6/r8GM1vB1nPp2iraF7eezjwbS6g/wCW6Hncw/vc8nv1rfrD0+2Hhfw2UlkhLh3k2lxFHvdi2xSeAMnArBvtYGp699n1C9nsNPRfJEtnctGYrg4wJSMEd8Z+U1W7sJLQ0dY1XUb+W7tNL0yC9tbRxHex3D4MqkZKqPoep61T8D2kNtNNPoUkdxpN0SWMh/f27jjyye4HTB6VMnh7Ui13PLNMl8I/LW5tJljF4v8AD5ilSAw9QKt+GNFl0aK5vL9be1kmRd8MLkogUdSx6se5pLTX+v6/r1HqdJWHrerX0V2umaJBHLfyQmZWnbbGqg459c9Kxtc8Ryzm2gQmK2LebdGzuD53k54dGXqvrtORU0Ggy3d1bSJfT3dkoMllqMdx/pEIPVCxzvU++fejcNjM0SzQ+KWvdJtoLbUIT5epabK3EW7kyRHtnrxwa9CrktD8OX0Wvf2jqSpG0JkCSed5k1xvxy5wAAMDCjgVL4i8RXENncwaUbc3LP5Fu/ng75MfMo6hXHYN1NHRIOrNfWtW/sm3gKQGea5nWCGPdtBY5PJ7DANcPfWUt9r1smqQ2ll4njPnWxBzbakqE4DD+8vbPK9RmtCLTF1fT0bTrq61LT5nVLu0vblzPbSrj50ZjuR1IyV6elTXPhTULzW1SeRp7OMwut9dTh518tw+2NVUBckDLdT+VCXva9/6/rqgb0OwgaRreNp0CSlQXVTkKccjPelkcRxs7dFBJxVLUtUTT2iXCOzklkMgDBAMswXq2PQVyGn3Vxr15M51Wa01N286wWO4ZrSeEDGAn3W77sjcD9KN9g2E1rUn1jS1vda05F8OyruS4jk/f2zZwJeOg+nIrovCNpcafoq2kjW0ttH/AMetxBx5yHncw9fU96x5fDV+mkoLG3YPLNvn017vFqDnJI+UttJ52ggc9K2rG3Xwv4bWF5IndWYhWkEaF2YnapPQZOAKFomD1Zt1ymsapqGotd2+n6XBe2Nq5ivY53w0wxyFHt79aoXerDVtfaC+vriwsQPJhls7lo/LuP7suMc+gPymrQ8PamVvZ3lmj1Aps820nEaXoxwXBU7W7ZHNJ7XGtxvga0jtjNNoksV1o90S4kdv38Tjjy2PcDpz0rsq53w1o76Hb3V5fi3tXnCtJDC/7uIKuMlj1PqTWXrfiOS4ltYGZoLQHzr37HcHzli52urL1Tpkqciqe9iV3NnW9W1BLz+y9Ct4pdQaDzw1w22NV3Yx6nOCPbrXN+H7OIeKHvtFt4Le7jbyNT0yZv8Aj23HJeI9gTzgcH8K0rfQJ7m9tn+3T3NrGhey1OKcfaI1PWNiQRIp45IP9ad4f8OX0Guf2lqaJC8QlRGE3my3G8qd0jYA4CjCjgUo6PXz/r9PxG9jrazda1ZtLitxDB59xdTCCFN20FiCeT2GAax/EXiO5isbm30k25uZJDb2zicHzH2/Oq9lkHZW6mqMelpq9lG+m3d1qWmTOq3Fvd3Lme0lXHzo7HcjgjJU/hRuPYzrqylvfEFv/aENpZeKIT50Qzm31FV6ZH94D8RXo0RkaFDMoSQqCyg5APcZrkJvCt/da8v2hzNaQtE6X1zMHn+Rg21FVQFyRyepra1jXk0zzFUwZjiLuzy/6rsu5Rk7Se9G0Rbsvalfx6Zps97MrMkCFyF6muE8Qq+qCNfFdtDp8NywGn38Mm4wsw/1cnqD+RqxpyXmq2krx30zaumTeaddTl4Jo2PG1egXGMMv41Pe+Fb5ra0tLJXntSjBob+53x2uRj5VC5fHbJOKVu47nT6Il5FpMMWoxwRzRjZi3PyEDoQO3Har9ZpZNC0OCIOsjRIsUYllCeYegGT3rlrjVRrHiB4b3ULiws/9TaTWdy0YWfPKydPm9A2VIqnq9CUrIvaxql9qa3cNlpMN9plrI0F7FM/zzADnYPb360zwLaJapLJo88V5o12TNHOzfv0fOCj/AN7HTJ6YxSf8I9qZgv5zJNFqLrsLWlwIo70YwGYFTsbHBIwfetDw5pLaDZ3d3f8A2e1aciSSKFsRQhUC/ePU4HLGlHT+v6/4A3qdDWDrWraiL5tK0G2ilvxbi5LXD7Y1XdgD1JOCPbg1ja14jkuLmzhmZ7exQCe/+x3B85IznY4ZcExk4JZDkd+Ks2/h65mv7d3vp7iCGMvY6rDOPPVGwTE5IIkU8EEg9PXmgDN8NWcK+Jpb3QoIYJkbyNT0yZubQk7i0R7KTzgcGvQK5Pw54evbbVzqWpxxwSRrKilZvNkn3sDukbAH8Iwo4FL4i8R3KWc1vpRh8+SQwwuk4LSYHzhCOBIOynrR0SDqzY1rVn01LeK3g8+5u5PKhUttXdjOSfSuJlspbvxHC13Da2fieA+cIic29+o43f7wHfqK0otKTVrWF9Ou7nUtLmceZHc3TG4tJV/iR2O5WB6qalbwtf3PiBWun822gkjkS9uJg85287VVVAUZ6nqaEtf6/r/MG9DsIy5iUyqFcgblBzg1W1TUI9K0ue9mVnSFclV6ntiqOs6+um+csZt90cW5nkmwI2P3dyjJAPr0rm9Phu9VsZHivJpdUUFb/TLycvDKrf3R0UY+6y8Ut9h7blfxDE+qyRR+K7eDT/tDgadfwvu2E8+VL6g/ka7jRxeJpUKajFDFOi7WWA5TA6Een0rltQ8J30sNtZ2u+4s2iZGXULnetruGPlULlyB0LE4ro5rpNFs7S2UrM4AQK8oV2VRywB5bHoKeiQtWzTrg9Y1aTWdK+36lpaSeGmBLyLJ/pEBVuJxjpj0HIx36U2yvZte1KYyatPZXsjeZpjW9wxtZo1HTZwGOc7gw3DtjFWZfDmoDR5Da27pPPOHuNNW822rnOWYHaWAbqVBGc896Vu4zU8GWU+m6MLTzLa5sEw1ndwnmdG53OP73PJ79a6GsjRdPXw7oLpczRKA8txKQdkUZdi5C56KM1z2s+IXubyzhuXktbBFE1/8AY7lhLGpzsbcuCYzwSynjvTerEjZ1rVtRN9Jpeg2sM14kInc3D7U2k42+5OCPasDwvZwJ4ilvdBiiiO7yNR0+Zvns265jPZSecDg1oQeHrqW+ike9nmjhjJstUgnHnFD/AMs5Mghx0IJB/OpPDfh68tNTbUdSjiglVHjASUyPNuYHfI2Bk8DAHAojo/6/r+rg9VodVWXrWqyaf9nt7SETXd45jhDNtUEDOSf6d6xvEPiO4FnJb6YYvNlkMcbRTgvIo+/sI4Dj+6Tmq8ekLqsED6feXGo6XK4Y+ddMbizkH8SO2WBHdTRuPYzDZyXXiaKWaC1s/E9v+9e3ZswXq9N6+jAd+or0dCxRS4w2OQDnBrj18L38/iJZbtvMt7eVJY7yeYPO+0fdACgIOefWtbWvEA01Z1iNtujjGXlmwEcn5Q4GSoPqeKL2iK12X9W1KPSNKmvpUZ1iA+VerEkAD8zXC+Ibd9UuIoPFcFvp01xJt02+ifcvOG8iX+8D6Hg1YsLe51XTZGhu57nUFXy9T0u/nLRyBv7oPCcfdZcAip9S8JX1zHBY27SXVk8Dxs2oXAf7LuGPkULl2A4BYnFFtf6/r5/03c6vSvtn9lwDUooYrlVw6wtlOPT2q4ThST2rNur1NIhtbcFZmIxteUByij5nA6tj0Fcnp95Pr1/Oz6tNZalI3naYYbhmtJ4VGMBOA/Od4I3D2xQ9W7f1/X+Ylog1jVX1nSVv9W0xD4akXd5ySf6RbsGwJhjp9ByMd63/AAfZz6foq2jPbz2ceDaXUB/18Z53MP73qe/WsiXw3qC6OTZ2zpLNOHuNMN5ttSc5Zh8pYKTztBAOeR1rbsLYeGPDhSWSFnDvJtLiKPe7E7FJ6DJwKFon/X9f18h6s265XV9V1C/kvLTTNMgvbS0fy72O4fBmUjJVR645yetZ99rA1PXvs+oXtxYWCL5Ky2dy0ZiuDjiUjGP9nPymra+HdSJvJ5JZkvxH5a3FpOIxer28xSCAw9QM+lLpcfUi8DWkNtLNPoUkdxpN0SSZD+/t5Bx5ZPUgdvSu0rnPDGiy6LFc3l+tvayTIu+GFyUQKDyWPUnuazdc8RyztbQKxiti3m3ZtLg+d5OeHRl6r6lTkVT3sSu5ta3qt/FdrpmiW8ct/JCZladtsagHHPrnp7VzGh2aHxS17pMEFtqELeVqWmStxDu5MkR7A9eODWnBoEt3d20iX893ZKpkstRjuP8ASIQeqFjnep98+9O0Tw5fRa9/aOpKkbQmQJJ5vmTXG/HLtgAAADCjgUo6Mb1R1tUdY1NNH0ma+ljaQR7QEU43FmCgZ7ckc1Q1vxD/AGalysBtd8aAB5ZwFSRj8quBkqD6niuesbS41TSXMFzcXl4E8nVtJ1GcssmeTgHiM85UrhSMfWluPYr+IbR9TvorbxVBbadeTyFdMvom3I/Ib7PKP4hnseDjIxXeaabs6bB/aUUUN0FxIkLZQH29q5LVPCN/dmGwikku7Frd4ml1G4Dm13cfIoX5mxwGYkj866a91FNLS3hBWViOVaUB9ij5nC9Wx3xT2Qt2X5HEcbO3RQScVwWtak+saWt7rWnIvh6VdyXEcn7+1bOBLx0H05FLp11c67dzO2qzWmqO3m2Kx3DNaTwgYwE+63fdkbgfpVibw3qCaSgsbZg8s2+fTXvMWoOckj5S20nnaCB7Urd/6/r8Bmz4Stbmw0VLSU28ttFj7LcQf8tozyGYevr61u1i2MA8MeHEhd4nkViQpkEaF2bO1SegyeBXP3erDVteaC+vriwsgPJhls7lo/Ln/uy4xz6A/Kap6sS2L2sarf6iby30/SoL2wtZDFexzv8ANMuOQg9R79ah8DWkVt502iyxXWkXRMiyO37+Jxx5beoHTnpTh4d1IpeztJNHqBTZ5tpcCNL0Y4LgqdrY4JGD71e8NaO+h211d3629q84VpIYX/dxBVxksep9SaS01B6nRVha1q2oJef2XoVvFLfmDz99w+2NV3Yx6nOCPbrWNrfiOSeW0gZmgswfOvfslwfOWLnDqy9U6ElTkVPb+H57i9t3+3z3NrGhey1OK4HnxqesbEgiRTxyQen40BsZvh6ziHil77RYILe6jbyNU0yZv+PXccl4T2BPOBw1eg1yegeHb6DW/wC0tSSOF4hKiMJfMluN5U7pGwBwFGFHAp3iLxFcx2Nzb6QYDcySfZ7ZxOCZGA+dV7CQdlbqaOiQdWbGtasdLitxDB59xdTCCFN20FiCeT2GAa4i5sprzxBB9vgtLLxPD++jXObfUEXoSP7w/MVpR6Wmr2Ub6bdXWpaZM6rPb3dy5uLSVcfOjsdyuCMlT+FSy+Fr+615ftLtNawtE6XtzMHn+Q7tqKqgLk9T1NCXvf1/X+YPY6+IyNChmUJIVBZQcgHuM0TSrBBJK+dsaljj0AzVLU9WTTnjX92zMCzKZAGVAOWC9WA9q5HTri61u4mc6pNbaszGW1iFwzWk8OOAqfdYevG4GjfYNtxuuX7avpqXev6ekWgzKDDdRS/v7RjwJCR0B9uldN4Vtbqx0VLS4+zPDFxbzW/Alj7MR2NYk3hq/j0uFbC3b55t82nTXf8Ao0Z7kfKWK5525x7Vt2cI8M+HIbcvHLIh2qrSCNXYn7q56deBTVkmG9jarkdY1W+1NbyKz0mG+0u1keC+imf55gB82weo9+tU7jVRrGvvBe6hcWFp/qbSazuWjCz55WQcfN6BsgirJ8O6m1vfzl5otRddjNaXAijveMBmBB2NjgkYPvUvYfUXwLaR2sc0mjzxXmjXeZop2b9+j5wUf+9jpk9MYrsK57w5pLaDZ3d1fi2tWnIlkihbEUIVAv3j1OByTWTrXiN7i5s4Zma3sUAn1D7HcETJGc7XDLgmMnBLIcjv3qnvZEra5s63q2oi+bStAtoZb8W4uS1w+2NV3YA9STgj24Nc74asoV8TS32hQQwSq3kanpszfNaEnJaI9lJ5wODWlb+Hrma/gZ76e4ghjLWOqwzj7QqNjMTkgiRTwQSD09ead4c8O3ttq51LU444ZY1ljXbL5sk+9gd0jYA/hGFHApR0f3/1+n4jeq0/r+v+AdZWZrWrPpqW8VvB59zdyeVCpbau7Gck+lY3iLxHcrZTW+lGEzySeTC6TgtJgfOEI4Djsp61Vj0pdWtYX067udS0uZx5kdzcsbi0lX+JHY7gwPVTS3HsZktnLd+I4Xube1s/E8H74RE5t79RxuH+0PXqK9HjLmJTKoVyBuUHODXIHwvf3PiBXunMttBJHIl7cTB522/wqqqAo9T1NbGs6+NN85Yzb5ji3M8k2BGx+6GUZIB9elO9oi3Ze1XUY9J0ue9lVnWFc7V6k5wB+ZrhfEMTapJFH4rt4NPNwwGnX8L7ghPPky+oPp0NT6fDdarYSNHeTzamoK6hpl7OWilVv7o6KMfdZeKn1DwnfTRW1na77izaJkZdQud62u4Y+VQuXIHQsTii2v8AX9fP+m7nVaOLxNKgTUYoYp0XaywHKcdCPT6VdrPmmXRtJgjUrK6hIolllCGU9MAnv7VykuqDWvEEsN5qVzYWzHybCeyuGRRMDllkHHz8D5WyCM4603q9CVoi3rGq3uqw3aW+kQ3+jW0slvfRSv8AvJgv3ii+qkcZ68EYp3gW0W0t5W0q4ivtFuybiC6Lfv8AcTgpIf4sdMnkYxUbeHdTay1GcGWHUphskFpciKG+4wHYEEoxHBK4PHWtPw/pf/CP6fe3V99mtWuHE8kULbYYAsargE+y8setKOl35f1/n5Depv1z+tatqJvpNL0G1hmvEhE7m4fam0nG33JwR7Vj6x4he5vLSC5eS1sUAlv/ALHcsJY1IOxty4JjPBLKeO9WoPD11LfRPJezzJDGTZ6pBOBMUP8AyzkyCHHQgkGkBn+F7OFPEMt7oMMMXzeTqOnzH57NuuYz2UnnA4Nd9XK+GvDt5aao2o6lHHBKEeMBJTI8wZgd0jYGTwMAcCuqquiDqwooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVWudRsrOWOK7vLeCST7iSyqpf6Anms/XNTuLUxx6XcWb3isGaymkAknT0Xng+nBrm7K6t9RvdVmuNHl1KG9wrYiVpICBjyXU8rg8g9O9ICK/uL7V7G+1C4voGSyZ4rjRpEwjpngMSc7z1DACtLwzp9lrWmhtRt7fUbeE7bdb+3Dz23rGxYc47GpLbwpJceHLZLn7NBq0YAS9ltI7iWJQeBlhyQOM1fa3h8PaNJDBqVvBeTsXFzfsv76U9SQCv5DpT2Dc1ri6tNOtxJdzw2sIwoaVwij0GTxXMaldXut63LptjrEemLDHHcWzIgf7UCOSTnDJ1BA+uaonVJr3xJaTX2mGe5tIWjnshhimT/AK6MHh1I4yORV/SfDcFzDqK3Wlwx2Ukxextry3WT7OSvzEIeFBbJ2il5h5GZ4Tjg1Waeykt7Y2WS9xplxGJIg24gSwZBGxiD8vQHpiu4hgs9LsdkEUFnawqTtRRGiDqTgYAHesrStHi8PwSXmp6ktxceWsTXUyJCkcYJ2oqrhVUE/iTXOavql5e29tYailreN9rSe3aFgLfU41JzGCSQHHB2k4JWqfYPP+v6/pmxrmtrcyWFppuqQW9pqDSQvqETB9jBeEVgcK5ycE9MdKwbJLi28VPp0txE998sU1y0f7jUU252SqMhZgoJB7j2NbVtpaan4me7/shrWxmtSl9DdwqFuZMjYSnIJUBvm9CBVzTvCiWWpm5luUe2ilMlpZQWscEVuSME4UZZsHqT3PFJaPUHsathpWn6WjJplhbWaucstvCsYb64AqrqutwWlneLZT29xf28RcWokBfgd1BzWfq2vz2d7I9rLb31giFLmO2YNPanpvIBOQO4wCPesC2s3vfDEFla6UzX0cvmW2pwbdjMWz5vmDnkdR+FLVj2ZBqplFraapd6odVt711eNrZNstlJjl4uSdo7r9a7HR9KtJ4bfU7200651BlDC+it1DOOzZIyDiq194RiubqOWxlg0zcCLtrWyiEtwD1HmEZXPtzUup3j6VDb2mhyWTy24GdPdwJJYwOic8H6g5qr2FqzVuNRsrWeOC5vLeGaT/VxySqrP9ATzXCahcXmraXeapdXsE0dqzw3OiumEZd2ACSciT0YY7VNZXFtqM2rSXGjy6pBfNyyxhpIiBjynB5Uqeh/GtOHwpLceH7QTG1t9YjVf9Pks47iVAOgyw644zU2C4zw3p1nrWmrJqcFvqkMLbLY31uHuLfHWNyw6g8Z71091eWmnwCS8uIbWLIUNK4Rc+mTWTJBF4e0Rre01G2t7yZmdZ9QYfvpCcsW5XOc9umelYI1SW98UW9xe6W01xa25guLEAO8BJ/10YP30YcZHPH1pt3YbK5c1G4vtc12506x1mPTPsqRXFrtQP8Aa1IyWOTho+qkD2OelZ/hGO21jzrSW2tm08Zkm0u5jEkcb7iBLbkggxMQxx0HbHStLSPDMFxZ6gl3pkEdo9wz6db3lusv2UFQCQp4UFsnaOxrQ0vSIvD1rLd6lqaz3LRrFJeTokKIi52qqrhVUE9O5P0oWgbmrHFZ6XY7Ikgs7WFSdqgRpGOp9ABXP65rP2yeysdN1WG2tL/fGb+Jg+HA4RWBwGPr7dKx9V1S9vFs7LUYre7kS5WeEwsPs+pRgn5VySA467SeSK1LTSY9S8RTXTaQbbT57fbd293Cu2eXI2nZyCQM/NRvv/X9fmGxi6ek8XiiTTpZoWuyRFcStH/o+orjOHUZCygd+4rvLHS7DS42j0yxtrNGOWW3hWME+4AFZOm+F49OvzdXF2jwQuz2trFbRwQ22RgnCj5jjuTWXrmuTtbX0P2q2m025Xy4b61bItnP8MuCcA/3qL6eYW1NTXfEkNtpckulXlpLJHKqTOHEgt1JwWZQe34VyuopNpOrWvn6s13LIDJa6oqgvACfuSgH5oiTjnpWnFYvqD6R9k0R9OuLUhZptiiMw4+Zcj76t2H41py+DbZ9RLQSQ2emsFMlhaWccQmYHILuBuIz24otZhe6NPTtGsLRxdpp1jBeyL+9mtoFUsT1+bAJH1qxPqNlbXMdvcXlvFPJ/q4pJVVn+gJyazda1S4s5Yk0mWznuIjul09nAmlTH8HPBHXkc1zdlNa6kurmfR5dVgv5C4lSMM6HGBE4PKMh6enWl6AV9QubzVdFutZvLyG5igLQXehumFwHwFBJyJR2YYzxjHBrc8O6bZ61pqzarDbaskLFLWW9tla4hAOGjkLD7ykYyOuMmlj8KTXGg2Jle1ttbiSPfqLWcc8o29gWHXtmrs8MXh7QzaafqNra3cjM8cuoOP38hbcxbkZJJ7dM9O1VsG5rXd7aWEQkvrmG2jJ2hppAgJ9MmuV1G4v9b1q7sbTV49O+xrHPbpsDi7Qrks2Thk6jAHvmqqao974qjub3SXmnt7Y29xYYDyWrE8yoD99GHG4egHrV3SfDENxpt7Hd6dbxQNcO+nQ3lukxtFIGcKegLZIXtmp3V/6/rqHWxn+EYbXWY5bWa1tn09fnk0y6iEiwvk4eEkEGNiCQO3au3VLTTLHaiwWdrCvQARog/kBWTp2lReHrOa51DU1munRY5L24VIlAHCqFXCqoz0rndS1S8vHsbXUoILuWG4E0awsPI1FB/czkbh12k9qp9kHmzW1vV2v7uz0/TdWhtLW+RwL+EhyXHRFYHAP51h6Wso8TTadK8DXBby7otHm21FQOSV5CygdfXvWzZaRFqOv3Ny+kfZ9OnhAntruFds0ueG2cjIHGe9XNM8Mx6ZeG7urxJIoCzW0EdvHBDbKeuAo5PuTSWm4PXY17HTbDTImj02yt7ONjkpbxLGCfXAFY+u+JIbfTDLpN9aSFZ0inmDiVbZWOCzAH8OSOtZWva3cSWd9bNdWs2n3Q8u3v7V8rC3/POXBOM9N3vTorFtRu9Ie10N9Olt/kuXZFEbQbSDHkcOCcECjcNjJvo7jSNatY5tVa5uHTfa6sFy0as2BFOB9+NiQAex6V3Vho+n2Dm6h06xtruRf30tvCqlieT8wAJGfWstvBtsdSLwyQ2umHYzafaWkcSyupyGdwNzDPbgcCrXiK92xQ6TBax3VxqQeJI5X2x7QPmLEc4APQc0XtH+v6/q4bst6jqEsFrcHTIUv7uDaWtVlCtg/yOMkZ61zemt/xNJ9d0US6ja6g6xX1pMcz2rjjjdyAM8oenUelYFlpd/omoJEZbubWIY0kN3bs1w4D8GGZWYb4/lO0gjGOxznvdG0SPS2ubmRkmvryQyXFwsQj3nsMZOABgDJPf1ppA+xHpnhq10nUXmtdv2fBMEDxg/ZWb7/lt1VT/d6enpWrLcQwlBLLGhdtiBmA3N6D1NR395Fp+nz3lxnyoIzI2BzgDNecarpV1c3R1zUrdFs70x+Xp6XT/vGYYDjB2rKBtwenvnmlfoPzNvU3l1vUorWYNpusWMpntIJn3QXSg+nQ8fitaL6IuueRqM9qdOvv9XcxSIsiToDyjr0Yeh6iq+i6NNqTWl5rU010tkWFql3aCOUHs7HcdxxxkAetdXT2FuRvJBawFpHjhijXksQqqP6CuZ8SXcV5v0jVfOsbG8AFtqMEvys/91sdPoeDWPr0Nz4okOqWqx2un2W9HledwbgKeVdF/gz+PtUui6PLq9j/AGfIbiDR9yymzubcSL67I5S3KZ55U8cZpLXcexrRaTcatp4s9WgNpfWBH2XULbABOOGT2I6qeDW9YWken2MVtGsKBBg+VEI1J7kKOBk81PHGkUaxxqFRRhVHYVyXigXXiK4l0TSY/LltGjllvPPMTwFunl453bSeuB2ob7CSNTWdcW0tI7hIWutMkDJc3dpLloB03Dbzgc5I5FZejaQiWDaFdQLq2h3atLb3oIJIJ3bZCOd2TkOOT7EVj6BZ3YmktNJlltPODwXM0cBntZWUbfNG5gUk4IOc5PUHrXd6Vpdpo2mw2OnxLFBEuAqjGT3P1PWjQOpDo2kjSLaRZJhcyu3zXLxhZJFHCiRh98gcbj1p2pajLb2s7abAt/cwFfMtklAYA/1x0HeqfiW8Jji0a3tY7q51JXREmcpGEA+ZmI54B6DmuKsNMv8ARdRSITXc2rQojPdwlrhsN1imVmG5ODtIIxjsc5N2GyN7S+NRm1fRxJqdjqThLy3mOZrVxxj5udozyh6dq2tK8N22kX0ktsVaDB+zwvGCbbP3gj9Qp/u9BUui6JFpInmYpLeXUhkuLhYhH5h7DHPAHHU1LrWqpo+mtdSRmU7giRg43MxwBk9OaNg3LE90keY4nje5ZC0UJkCl8f09649pp9T1dNUso5I9Z09SlzpVy+VZD3TsD6MOD3rEudBu9P1ES6krmW6lZ7aCzuHd7Mj5t0OeOv3lwM/Suy0XR5JbpNZ1dxcXzRCONmtRC0S9xjc3J78/hQu4PsOj8PW1xqUWqJF9nExElzZzRK6u46Pj+Fx/eHWtqW4ht1BnmjiDMFBdgMseg570XE6WtrLcSnCRIXYgdgMmvNtYsbnVZT4iu7aGPTp0QCya5fFzk7VLBflD4xtPIH15ov0A3Ncc63fLpN6ZNKv4ZvP092fdBdbTkBh0b3U8jqKuSaO/iC3iu7y1Ol6nDmGQ7VkSWPPzIw6SRt2B6deKp6Nosuqx2p1eW4ns7CQtbQX1qBLux8pZ9x3begOAe9djTtZBe4yOOOCJIolWNEAVEUYAAHQCsXWtbS2tI5hE9xpUyslxe2k2TB23DbzjrkjpWZ4oS78S3UujaShhexkikmvVnMUkBb/nnjktsLZzgc4+mRoFldO0lnpUstnHcB4bl44DPayMvymVdzAxucEMDnJ6g9TO49EbOkaMF046DewLqejTKZba+UgkgndhyOd4JyHHX2Nbuj6WNJtXSSVbiV2y9yYgkkgHC7yPvEDjJ61NpmmWukadDY2ESxQQrtVVGPx+p61l+Jrt5UTRLW2jubrUI3CrK5RFUDliRz+XNNu2wlruXtS1KS2tZX02BdQmgYebBHKA6jvx646DvXO6SgW+m1HSg2qabqj4uopTumtn6EHdyV7FT0rD07Tb7RtTEUU11LqkIXzLuLdcFg3/ACzmVmG4DHysCMe1d5ouiQ6RHM+UkurlzJcTrGE8xj7DsPqaaS3B9iLSfDlvo95JJbsHhxi3jeMFrcHkqr9dp/u9q0Li7WNWjgaKS6MZeKAyBS+P6Z71X1vVV0jT/PaIzO7rFHGDje7cAZPQV55NoN3pmoK2oeYbid2ktY7Od5JLLBzmIMcFefmXjNTe4/M3BPNqOsDWdPjkGrWKeVd6Tcvn5D3jzwDxwRw3etqLw7bSarHqkUfkJMRNPZyxBlMuOJAD9xx3I6/rSaLo7td/2zqrLPfyRKiMbYQtEn93G5jknk81s3dzHZ2c11OSI4Y2kcgZ4Ayab91egtxZbiGDb580ce9wi72A3MegGe/tXI6y7a5qCaXdmTStTtZ/tOn+Y++3uwpyMjo3TkdV6isPWNOudRmPiG/tYk0+6WMLp5unxcFsqpODtWXG3aeR75wa39G0WXVVs5tZmuLm206Rjaw31qFmLY+V3fcdxUEgEBcnk0Ja69Av2Lcmjf8ACQQw311anS9SjzDMGRZEmjz80bDpJGeozyOvHNdATBaW/JjghiT2VUUfoAKkrgfENvd+LLhp9P22lpp0skMt157q0uB8yFUIzHkAEZye1FxpGv4j1CKZDp+pCa20u+jCx6nbzYCuegJHQHjk8HpTbXRpr/TBpOsW/ly2IU2mo22FzjhXXH3W9R0NZGh6XLq9i+noZ7XR5wsslrLAJYsE5KwyluEbrgqce1d7DDHbQJDAixxoNqoowFHoKdrCvcr6dZLp1gkH7rcOZHjiEQdj1baOATUGp6pJa2skunW41CSBwJ4YpBvRe/Hr7VQ8UXUlyg0KztkuLq9iZh5shREUfxZHOc9MVyemadfaRqoht5rmTUoiqy3cQa48wN/BOrMM47MD0pbsNkbejxLHdS3mmA6tpOrP/pCyndLbvjBDbuSvbB5FbWj+HYNGuJWgcSRY226yIC9unUoH6lM9B2qXRNEg0a3k2bZLidzJcTrGE81z3wKdreqjSbFZRD58s0iwwxZwHdugJPQUbbBuWLq78tJI7UxTXnlGSK3MgUv6fhnjNcis81/rB13S45W1Ozj8i+0i5f5lU4OY88KeMgjhvrWE+g3ek6gn20ym7lZ5bUWczySWIU8eUGOGjOQGTjr9MdxoujsLxtZ1Nln1GeJUDm2EJiQD7mNzHqSTz/KhdwfYIfDlqNYTU4UEUUrefNZSxBl87HEq5/1cnUEjr9ea2JbiGDb50sce9wi72A3MegHv7U28uo7Gxnu5yRFBG0jkDPCjJ/lXm+r6XdXtw2v6jaxpY3oiCacLp8TF8qG4O1ZsbMHp2znBo8gNvVnfXNRjsLgvperWc3n2Ucr7oLsKeMjo3HUdV7VoPoo15INQubU6bqC/up0dFkSaPPKMOjoeoJ5FVdG0WXVPslzrU091DYM32WO9tAkuezs2TuIHGQBk811tPZBuRs8FrB8zRwxRr3IVUUfyFc34kvYrpW0vUxNZ6feqFg1KCb5d56BsdAffg1j6/BdeKZ2vrIJaWNg0kUk7Tupm2/eVlXGUyPrTtE0mTV7E6eftFvo77ZWtLiASJjOdkcpb7h64KnHtSWu4bGtBo8+p6aNO1eD7Pc2GPsmoW2ADxw6+h9V6Gt/T7NNPsY7dRECo+YxRCNWbudo4GetTRRJBCsUKBI0GFUDgD0rlfFP2rX5pdC0qPbNBslluvPMTQZPBQjndjPtQ2+gJGnrGti0tEuIYGu9PbclzcWsuWgHTcAOTjnOORWVo2lLHZto80K6toV6Glhu8gsAx3bZD1Jychxz9DWNoVneRXUlppU0ts0haC5njhNxbzEDHmEMwKSdj1yeua7vSdKtdG02KysY1jijH8IA3HueO560aB5EWi6ONIhkVpvtMrtzcPGBK6DhQ7D75A4yasXV55ccsdp5U96ITJFbGUKX7D6DPGar65qv9k2UbLB9onuJlt4Ii20O7ZwCT0HBrz3+wbrRr+NLppmvX3zWhspXllsArEARq5w0JDKGTjrz2IL3Hsb0U8l7rDa/pMcsl/bx/Z7/SLl/njXg5jzwp4zx8rfWtq38N2serrqMCrHFIfOezliDKs2P9Yv8Acf1x1+vNLoujGO8k1nUWWbUrqNFL/ZxEYkA+5jLHqSTyefpWnf3ken6fPeT58uCMyNjrgDNHwi3JJbiGEoJZY0LtsQMwG5vQeprj9TeTXNSitpd+m6xYSma1gmfdBdKD1x0PH4rWJquk3VxdHW9TtkWzvSnl6el2/wA7MMBxg7VlA24PT3zzXSaNo02pNaXutTS3S2RYWqXdoI5QezscncccZAHrQl3BvsWH0RNc8jUZ7U6de48u5ikjWRJ0B5R16MO4PUVvvJBawFpHjhijXksQqqP6CpK8816C58TynVLUR2un2W9Hledx9oCnlXReqZz7+1F+g7Gz4luo73fo+qiaxsrwAW2oQy/Kz/3Wx057Hg0+LSLjVtPWz1aD7JfWBH2XULbAGccMnsR1U8VlaLo8mrWX9ny/aIdHDLKbO6txIvrsSUtymeeVPHGa7qONIo1jjUKijCqOwp2shXuyCxtI7Cxito1iQIMERRiNSe5CjgZPNZms64tpaR3CQtdaZIGS5u7SXLQDpuG3nA5yRyMVmeKBdeIriXRNJTy5bRo5ZrwTmJ4C3/PPHJbaT1wO1Y+gWd4JpLTSZZLQTB4LmaOAz20rKNvmjcwKScEHOcnqD1qdWPRGxo2kLHp7aDdQLquh3SNLbXoIJIJ3YkPXdk5Djr14NbujaSNItpFkmFzK7fNcvGFkkUcKJGH3yBxuPWp9L0u10bTYbGwiWKCFcKqjGfU/U9TWd4lvGaOLR7e1jurnUkdFSZykYQD5mYjngHoOacnbYS13LmpajJb2s7abAt/cwFTJbpKAwB/rjJA71zml4XUZtX0cSanYak4S8t5Tma2ccY+bnaM8oenasHT9MvtG1JIhLdS6tCqM93CWuGIbrFMrMNycHaQRjHY5z3ui6HFpKzzMUlvLqQyXFwsQj8w9hjngDjqaduoPsRaV4bttIvpJbYq0GD9nieME22fvBH6hT/d6CtWS4hhZFkljRpDtRWcAsfQepqLUb6LTNOnvbjPlwIXYDqa851TR7qS8bV9Ut1W2vnXyrCG6cncw++n8IlGB7e9K4eZtag8ut6pFGwbT9b05zLBazyboLlfUdjx3HIrTbQ49aeDU5rY2F0wCXdvLGsiToP4XXocHkN1FQaLo02oSWuoa1NJdG0BW1S5tBFIp/vsdxycdxiupp7INyOWaC1hLzSRwxRjlnYKqj+lcx4lnj1FpND1bz9PtbzAtL+KT5JH/ALrduv8ACeGFYuuw3PiV/wC27dYrXTbVXV2kncC6VT92VF/gzu9SO4xxVrRtFk1azGn3P2mPRopEl+xXtuH6ciNZS3zIDg8jOMDNJa7g9DVXSrnWrBYNWg+wanp7f6Nf22MZx95P9kjhkPHb0Nb1laxWFjDbRJDEka4CwxiNM9ThRwOcnFToixoqIMKowAOwrkPE6XXia6m0bSVML2EkUk16JzHJAW/5545J2Fs5wMHH0G+wI09a1tLa0jmET3GlTKyXF7aS5MHbd8vOOuSOmKztI0cDTjoN7AupaPMhktb5CCSCdw3kc7wTkOOvXg1jaBZXTtLZ6VLJZR3AeG5kjgM9rIy/KZV3MCjnBDA5yeoPU97pmm2ukadDY2ESxQQqFVVGPx+po0DW5Bo+ljSbV0klW4ldsvcmIJJIBwu8j7xA4yetGpanJbWsr6dAt/NAw82COUB1Hfj1x0HeqPia6eWNNFtbWO5ub+N8CWQoiqByxI579q4/TdNvtH1RYYprqTVIQvmXkW64Lhv+Wc6sw3AdmBGMdqN2GyNzSUCX02o6SH1XTdUfbcxSndNbP0IO7kr2KnpW3pPhy30e7kkt2V4cYt0eMFrcHkqr9duf4e1SaJokOjxSsCkt1cuZLidYwnmMfYen1NSa3qq6Rp/ntEZnd1ijjBxvduAMnoKNtg3LFxdCNWjgMcl0Yy8UBkCl8f0z3rkBNNqOsDWdPjkGrWKeTd6Rcvn5D3jzwDxwRw1YcugXel6grX/mm4mdpLVLKd5JLLB6xBjgpz8y4Fdroujs13/bWqss+oSxKisbYQtEg/hxubknk80LuD7CxeHLVtVj1OGMQJMRNPZyxBlMuOJAD9xx3I6/rWzNcQ20TS3EscUa8s8jBQPqTUleb63FceIz/wAJFEsNtpVvE4YSzuFvERuFmReNn38dcdxjijyGlc3PE0qanJLoGr+fpsN0y/Yr6OTMcrgZ2OOnX+BuGHvU/wDZVzrlkq6rb/2dqtg+IL23AKnj7y+qEcFG+noazNG0SXVrNNPvDdLo9tKkq2V/bh245EQlLHcisAemcYGcV26qEUKowAMAUWshX1IbS3isLKK3iSGKONcBYkEaD1wo4A6nFY+ua1HBao7xyS6TcKyTX1pNzD2z8vOOvI6VmeJo7vxPdS6XpS+QdPlRpr0TtHJESOibeT8pOckDtWXoFjc3Cy2WmSS2Vvcq0dwUgM9tIRwZELMCjHBBBzz1Hel8Q9jZ0rR86adB1CAX2mMnmWt/GRkjORuI5DjqGHWt3SNMGlWbRySpPKzZkuPKVHl9C+PvNjjPep9P0+20uwis7GJYoIVCqqjArH8UXMtyg0Oyto7i6vYmYebIUVFH8WRznOMYpt9hLzL+p6pJa2skunW41B4HAnhikG9F78evtXP6PEsd1Ld6YG1fSdWf9+sp3y274wQ27kr2weRWJpenXuk6qILea5fUoSqTXkQa4EgbnZOrMM47MD0/Ku60TRINGt5Am2S4ncyXE4jCGVz3wKEluHkRaP4dg0a4laFlkixtt1kjBe3TqUD9SmeQD0q/c3flpJHamKa88oyRW5kCl/T6DPGar63qo0mxWUQ+fLNIsMMWcB3boCT0FeeNoF3pF+gvDMbqRnltRZTPJJYhTx5YY4aM5AZOOv0wXuM3UmlvtZOvaXHK2p2kf2e+0e5f5lU4OY88KeMgj5W+tbcPhu1XWE1KBBFFK3nzWcsQZfOxxKoP+rk5IJHXvzzSaLo5F42tamyz6jcRKgc24hMUYH3MZY9SSef5VrXt3FYWE93cEiKCNpHIGeAMmh+6vQS1Hy3EMGzzpo4y7BE3sBuY9APU+1chqskmt6lHYz79M1azmM9lHK+6C7UHjI6Nx26r1FYmr6Zc3twdf1G1jWxvRGE04XT4mLZUNwdqzY2YPTtnPNdFo2jTambS51mae5hsGb7LHe2gSXPQOzbjuIHGQBk80Ja69Av2LL6KNeSDULm1Om36/uriN0WRJkzyjjo6nqCeRW+zwWlvl2jghjXuQqoo/kKkrz/xBBdeKJmv7MR2tjYNJHJO07qZwv3lZVxlMjvzRcaRseJL2K6DaXqnnWen3qhYNRgm+UuezY6D68GiDSJ9T00adq9v9nurDH2TULbAB44dfT3U8GsnRNIk1exOnk3Fvo7FZWtJ4BInXOyOUt9w9cFTj2ru4okghWKFQkaDCqBwB6U7WFch0+zTT7GO3RYV2j5jFEI1Zu52jgZNVdU1aS0tHm0+3/tAwSbbiOGQb4174Hcj0rP8VXE16p0Gwto57u6hMm6WUxrEoPDZHOc4xiuW0mwvdK1fyLOa5bUYnEU95GrXCzA84nVmB3LnIYHp+VLdhsja0WBIp5ZtOH9saLrEhaUyHfJA5GCH3csnGMHkdK29G8PQaLNKYnEseAlv5kYMkEfXy/M6sgPIB6VLoeiQaJZtHFteaVzJcTBAhlcnJYgUa5qv9k2UbLB9onuJlt4Ii20O7ZwCT0HBo22DfcsXd55ccsdn5U96IjJHbGUKXHQH2GeM1ycU8t7rDa/pMcsl/bx/Z7/SLlvnjHBzHnhTxnj5W+tYI0C70W+jjunma9ffNaGyleWSxVWIAjVzhoSGUFOOvPYjudF0cx3cmsaiUm1G5jVTJ9nERiQD7mMsepJPJ5+lC7g+wlt4btYtXXULdVjhkPnPZyRBlWbH+sTP3H7HHX9a2JbmGEoJZY0LtsQM4G5vQepqO/vYtO0+e8uM+XAhdsDnArznVdJuri6Ot6nbItpelNmnpdP87MMBxg7VlxtwenvnmjyDzNrUpJdb1OK2lD6brNhIZrWCaTdBdKO/oePxWtF9EXXPI1Ge2OnXuPLuYZI1kSdAfuOvRh3B6iq+i6NNqT2l7rU0t0tluFql3aCOUHs7HcdxxxkAetdXT2DcjeSC1gLSPHDFGvJYhVUf0Fcz4luor7fo+q+dY2V4ALbUIZflZ/7rY6fQ8GsbXoLrxNIdVtljtdPst6PI87j7SFPKyIv8Gc9cn2qfRdGk1ey/s+U3EOjqyymzurcSD12JKW5TPPIPHGaS13DY1YtJuNW08WerQfZL7TyPsuoWwGCccOnsRwyng9K37G0j0+xitokhQIMYhjEak9yFHAz1qaONIo1jjUKijCqOwrkvFC3XiO4l0TSU8uWzeOWW8E5ikgLdPLxyW2k9cDtQ32BI09Z1xbS0juEha50uQMlzd2kuWgHTcNvOBzkjkYrM0bR1j09tBuoF1XQ7lGltr4EEkE7sSEdWychx168GsfQbK8EslppM0toJw8FzLHAZ7WVlG3zRuYFJOCCDnJ6g9a7zS9LtNG02Gw0+JYoIVwqqMfj9T1NGgdSHRtJGk2zo8wuZnb5rl4wskijhd7D75A43HrU15emKKVLIR3N6sfmJbGUKWHb6D3qvruqf2ZaRLHALi4u5RbwRFtqs7Z6nsODXnyaFeaJfxx3DzvfkNNbPZyPNJZqGwFVXOGhIIBXj37EG4bG9bzSXWsPr+kRyz3SKLe/0u4b95EPWPP3T7dGrbtPDdrbasL62CpC5802kkQZY5T/Gh/gb1x1pdF0byLmXVb9km1G6VQ0ggERRAOExkn1zya0dSv4tM02e9uMmOFCzAdTRsG5JJcwwsiySxo8h2orOAXPoPU1yF/JNrWqRRsG0/W9OcywWk8m6C5T1HY8dxyKxNU0e6kvDq+qW6i2vnXy7CG6cncw++n8IlHHbHvXTaLo02oS2mo61NJdNaArapc2gikX/AG2O45OO4x9KEu4N9idtDj1p4NTltjYXTAJd28sayJOo/hdehweQ3UVvSzQWsJeaSOGKMcs7BVUf0qSvOtdhufEjf25CkVrplqjq7STuBdKh+7Ki8bM7uuSO4xxRfoCRteJp4tRaTQ9X8/Tra7wLO/il+SR8fdbt1/hbhhUq6Vc61YLBqsH2DU9Pb/Rr+2A25x95PVSOGQ8Hp6GsrRtFk1ezXT7k3MejwyJKLK8tw/TkRrKW+ZAcHkZxgZrukRY0VEGFUYAHYUWsgvqQWVrFYWMNtDHDEka4CwxiNM9ThR05ycVla1raW1rHN5T3GlTKyT3tpLkwdt3y8465I6VmeJ0u/E11Lo2kqYXsJIpJ71ZzFJCWHSPHJOwnOcDnH0ydAsruRpLPSpZLOK4Dw3LxwGe1kZflMq7mBRzghgc5PUHqVqx7GxpGjAacdBvYF1LSJVMtrfIRkgncA5HO8E5Djr7Gt7SNLGk2rJJMtxKzZe5MQSSQDhd5H3iBxk9am03TbXSdPisrCJYoIV2qqjH41leJrt5lTRLS2jubq/jfCyyFEVR1Ykc/lTbtsJa7l7UtTktrWWTTYF1CaBh50EcoDqvfj1x271z2kqEvZtQ0oPqumam+LmOU7prZ+hB3clfVT0rC03Tr7R9UEMM1zJqkIUSXkQa4Lhv+Wc6swyBjhgeMdq7zRNEh0eGVsrLdXDmS4nWMJ5jH2H+JostwfYi0nw5b6PdyPAyvDjFukkYLW6nqiv125/h7VpyXMMTIjyxq8hIjRnALkdh61DqmoRaVpk99cBjHCu4hep7AfnXnep6LdC+Op6tABDfSjyrG3unLIxG7zIv4RKMZPHPb3LjNq8ln1rVYSFax17TGMkdjcSboblDxkdjkdGHI71ptoUOsTQapJbGxnlCi8tZolkS4UdFdehIPKt1FRaLo819Pa6prcr3UtqhjtluLQRSJzy7fMcsRjkY+ldPT2FuRzTw2sLSXEscMaAbmdgqr26muW8TSJqkkug6v5+mQ3TL9hvo5MxzPj7jjp1/gbhh71ia5FceIv+KjjSG20q3ifcJZ323iI3CzIvGz7+OuO4xxV/RtDk1azSwvftS6PbSpKtlf24duORGJSx3IpGRxnGBnFJa7g9DU/sq41yyVNVt/7P1WwbEN7bgFTx95fVGHBQ/T0Nb9nax2VnFbwRxRpGuAsUYRR64UdOe1SqoRQqjAAwBS0wCiiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEF7fW2nWb3V7MsMMYyzsaxF8Sm8Ms+mxTSLaoGnsntik7BhlWXcwGOvY5qfxJoUmrw289nOIr6yk86380bomb0dO49+o7VxE1oNVnkN1FeP4yZwqlS0SWgByrLg7fLHXJyTz9KS3H0L9qsF/pWpRPpMuotdzNLBfQoCS38IY9Y2Q8c9MV1mmaRFZpBqF+F/tJbZY7i4VyA+BzuAOG+pFWbLSbayuZbqKMLc3Cr57ISFkYfxbc4z74zSa1pMWt6TNYXEkkaSjG+JsEHt9R7Hg09loLd6mcPFFtqFwlrpExWZiWjea2Yxzqv3gjZAJ981jR38V94murm60ia8RoRBJA0QeW1I6gp3VuuRnNZl9bK119i8cxy3UlumzTILKNo45uMbgVOd/qDgD0rrPD+gtBY6fc6upfU7eMoJfMO4IeiMQfnwPXNCtuD7EGgeHYzp8DalbOjW1w8lirORJbxk/KhYHOMfw9O1W7/AMVafbXL2aXBEwYRGcQtJFDI3ChyMAc9s1tSxiWJ423BXUqdrFTz6EcivOtR0Y6Ikeka5cu3hRnL+ZFGRIzZyEmcHOM9CBknGT6l9dR+Zo6zfzTa3psN3Ztcz2Mhke12hVuwVA86IEkMVOflJyM1Z0/QbbUb7Vln0x7fR7xYz9kmXZumGd0iqOU428jBJGfeo/DXh2G4sLgXNrLFpjXQn023mkbzYAAPmDZ3Lk5OM8A+9djT2/r+v6/CTOv9WstDggiuHkZ3xHDCgaWWTHoOSfcn8aw9R19rnQZ7mKdvsF6rRRXMcBQ2bYIPm5JP3u+BjvS+JNG1S21CXX/DcitetB5M8MyeZmMfxRAkbWHXbna3fmsbQNL0641y0n8MLdMql21W7uWbE24HdGynguW54A24qfi0f9f13K+HVFq3snu7bR0sNFk0+/tJEBuUUeUIx9/5x99WGeO+a6cQ6T4Ys7m5ULZwSP5kg3sVLH+6ucAn0A5q1p+nWulWgtbGMxQKxZU3EhcnOBk8D2HArN8SaFNqi293YTLHf2L+ZbiYFonPoy/1HIqmxJEK+JTdebc6fHNLFaj/AEiza2Kz88hhlhxjtg5rnbWKO+0O+t/7Klv5riVpbbUIFB3OT8rFuqMvQg9MVRazXVLgs8d4/jBpBufLRLagHggA7dmOnUmvRbLSrWxuJriCPZNcYM5QkK7D+LbnAPvilbS4X1K9hpVvY7NRuwq3/wBnVLmcOVV8Dqwzg/UjNVF8UQajcpbaRKRMcyIZrZtlyin5hG2QM+/6Voa5o8Wu6RNYTyyRLJgh42wQR0yOhHseDXBX1skt2bTxxFNd3dunl6ZbWSNFFKMY3KVP3jxnOAPSi93/AF/XyC2hpwX0N94ivbm70ia+imiWCSBog8toQOUZD/C3XIyDWr4f8PINNs5NUt3We0mkey3SESW8RY7YywOSNuAVOR+VT6DoTW9np91q2ZNVt4PLaYOclT/CxH38e9bc0SzwvE5YK6lSVYqcH0I5B9xTemwtzFvvFWnw3L2UNwVn3iD7R5DSQxStnarkYGc9sjqOmaxtWv5p/EGnRXdi9zPp7M0loUAFyCoAniBJDbTn5c5ANZuoaP8A2JHDoviK4dvCYYtHJDEVZ3zlY53U54PIIA3HGT2Ox4a8OxT6bML21misPtYuNMgmkbzbZQByGzuXJydueAcd8Ulrr/X9f15jfb+v6/ryH6boFvf3mqrPpr2+j3XlslrMNh84Z3SKBymfl5GORmtbUfEGnaIUtpnmklWPd5cSNM6oB95upx7nrWvXDa9o+o6LcXl5pdxIdO1BwdQ2x+ZcQjoWjYnpjsc47Cl5DRJ4i1Ke60ZLWVkmjvGWS3uETy4J1zkQsSxwSOMnANTW9j/aGv2lza6PLp0XktHfLNEESVMYVMDhsHv2qj4a0LTLjUJxoltIPDslv5UqzuzJcvnhlDHIxzzXcWttHZ2sdvBu8uJQq73LED6nJNVZIncpZ0zwvo+N32azi+6rOz4J/hXJJ+gFZ48Sm4Wa7sY5poLX5bizNsVuFJ53DLDjHbBzUniTQ7jUTb3+mTKmo2JLwLOC0Ln0Zf8A2YciuMWzTU7tZES9fxcZlM8xLRLagH0B27MZAHJNJasb0Rbtrdb3w3dWqaXLeXU0jS2upQAEPIT8shfqjDuD6Yrs7TS7XT3bUrgLHeNAq3U4cqr7R95hnaT7kZqey0q10+aea2i8uS4IabaxCs397bnAJ9hzUOv6LFr+jy2E8skIYhleM9GHIyOjDPUHg0bLQN3qUE8Tw6lcpb6PIwmwZlE9s226jU4IjYkDOcc89RxWNa3sF/r+o3V5pE1/DcxJBJE0Iklsyo+aF0PRWPzAjIOfYVmX1ulzeSW3jeCa71KFfL021slaKKRSMboyD944GSx+XHTjnsdC0Nra10+71Y+brEFsIZbhXILj0bHD49T35HWiyf8AX9fP+kHkV/D/AIeRdMsJdUgcXVnJI1oWkPmwRFjsjZgfmwpAIORx7VNeeKrBbp7G2uds5cQC4MDSQxynorMCBn2zW1cQrc28kEhYJIpVijFSAR2I5B9686v9JGjrBoviadpPDEZLQPBEVaR85VJmU5yD0IA3HqfUvrr/AF/X4j8zS1O/kn8SWK3dg9zLY7vMtCgHmgjAniUkhsc8ZyM1a0vw/b3s+prc6c8Gkzujw2soKFZBnc6gHKZ46Y5GaTw34ejm01vt1tLFaLdefp0MsjebbLx/FnIycnGehxXXU9iTH1LxFpuiuLed5ZJEj3MkSNK0aD+Jscge5rC8RahPc6XDZ3GycXEiywyqnlwXS5z5JJY4Yj1wDUOu6Pf6LNdz2NxIdI1CTdqBWPzLiEdCVYnO0j6kdqTw3oOnXN5dLpNrIvhyWARtHO7MtxJn76hjkYHektSnoXrawGo+IYbm30iWwt2t2jv0niCJMP4V29GI559K6WysbfS7BLWyjZYIh8iF2fA9AWJP4VJDFFZWaxqxWKFcAyOTgD1JOfzrC1LW7W9l/suK/msWuQPs2owFGRnHO0NyM+oOMih9kJd2Ul8XT6tpciacgtb2Oby7nKlzZJ82XYEAZAXpyBkdRWZZ3N3rc0Gna0Ly5inJutN1OALHcwLnAZwoCrkHg4wRwRUmnadc3l1cizhhsdYsX8m4lRD9kv0PJDAd+fqD6iur0Xw7pmgQuml2aW/mnc+GLEn0yeceg6ULuwfYdpmjR6dcT3Ml1cXt3cBVkubkpuKrnaoCKqgDJPA6k5zVO+8Txaf4li0q6i8sTxBoJWJ/fSE42KAOcdSSRjIq1quvWulxuxDXTxEGaG3IaSNO7lM5wPbmuTvYILjUrZLyRtZ0/V2ZrK9ix9psm+/wygZQHkHqvQ5o1bDoRz+INdhme5uM3cSRb9R0t4kRYFc4SNGxuaTAJIJIPtxW/pvhe1ENq32rUjZROJoNOumXZCw6D7u/APQFiKXTfCsQvY9R12K3vNUgOyO8TcDIg+6zp93ePXn2rZvtRgsYz5jq0xUmODeoeU+igkZNGiQbsoeIfEKeH1tZLiIfZ5pdks7sQsI9TgHr0ArA1bWtcl1AHS7lrdmcG0tXhXZcRgbmkkZgWAxx8uMe9M1jUIr+2/tqP/iY2CERXmkXSLvhbplBjIfnoc57VdtPB1tdiKPU4xe6bDiSyWcss9vnrGSPvL7H6UWYDNJ0iDX7OW+jfVNJjvf+PqyRkEUx7kZUkA+qlc1v6pdjQdBlntbQzLbRgLChxgDjrzwBVyWa2sLdTNJFbQrhQXYIo9BzXL6nqDa6s0NhctaXlll3sbtVMV3H79cqR0YHjvQ32BLuQ6r4muL+wiudHvJLazeLK3VvEshmmJ2rEvmLjGeScdPSm6TBda7fu+oG70vWbEeRNfaeV8q4GM4IdWU4z0IyDnBpml6Fb65YpNb2vkaRfDN3plzuURuOjxFenPpx3rr7OystH05be0jS2toV4GcADuST/M07W3/r+vyFvsN07ToNH08W9qHdVLOzO255GJyzE9ySSa5pPF0+s6Of7NAs7tZ/KvWK+Z/Z6YYlmBAG4BenIBIzkdb2pazbahMdJg1CfT5LkA2moQFGSRwc7VPIJ45U4yM4rE0zT7m9muWsLeCw1exkNtd7UP2PUE6kEDofmz6qTjkVOr/r+vn+BWiX9f1/WpHYz3muT2+n62t5MJc3mm6pbhUuIE3bVaQKAqkg+mCDyK7HTNHj06ae4e5uL26uMCS4uSu4qOigIqqAMnoB1NJovh/S/D8DxaTaLbrIcvhixPtkknA7DoKr6p4ksLHCySs0LMY5rm3ZXFqegL91574+tP0FuU5/FrJqeo6ZFaH7fAmbWAklrjjO7GMBe3WsFtU1GWaS11TzNc0q4dbaZREkbxzHkiIKASq8dSSPWpV015NaGl3MrTX3l/aLHXIFBkCjgCbHB9M9GHpXR6N4atLG6Op3NnbLq0w/fzQFijH1UH7ue+BQl3Bvt/X9f8OO03w7Fa3FvdT39/ftAhW3W8ZD5IPX7qgk44y2TTdV8TQ6RrdpZXkflw3KnbOxPzPnARQAcn8quanrNvpsTnBuJkG428LKZdvchc5OK5HUjbXV1Bczsdc0rVH2RYA8+zf/AGCADt9uoo1bDZCXuva/DePcKxfylaW60uSJFSOHOFG/G4ueo5wfStbTPDNpc2cMizanBYNIJxpU7KI0Ycgfd34B527se1PsPCML3UV1rqQ6hc2p22t0dwdk7eYv3Sw9ea6G4ure0j8y6njgTOA0jhRn0yaNg3ZU13U30bRZ76K2a4MIB8sHHGcEk84AHJ46Cub1jxJdX1nFcaLeS21nJEPJubeFZDczsxRYl8wEYzyTjJHcc1JqmoNrsUy2E7W13YBmm029VfKuo+vzdcggcMDgd6r6Z4fttcsI5YbYxaJqA8y50y53IYJOoeIr93J7ZA7j0pav+v6/4cd7f1/X/DEmk29zrt/LPeNd6TrNlm2uLzTyphugOcYdWU43dCMg55rp7Cwg0bSxbWaOyRhmO47nkYklmJ7kkk/jT7W0s9H05YLZI7a1gXgZwqjuST/M1jalrEGpTHSLa/m06a4Aazv4tjRzMDkqp5B6YKnBIzim+yEu7KK+Lp9Y0UNp3+hzrLsvZAvmGwXDEkhgBuwuMcgE96oWE15rlxb2GtrdtJj7VYapbBUnhQnAMgA2qSD6YI6inaXp8+oSXD2FtBYajaSG2vY1U/Y79e/ToeevUHg5rrdG0DTNAtmh0q1W3RzlvmLE/iSTihdwfYXTNHj0155muJ7u5uCDLcXBXewHQYVVUAegArIm8XOb7UtNt7T/AImNuP8AR7c5LTD+/jGAv484q5qniOwtMRPM/kyExyXduystsx4G7rt+pGK5tNNll1ptNmkZtSjQXFnrcCDcy9hNjg+nofaluGxEdTv7iZ7PVfN1zSrqQW7MsSRyxzDkmMIBlQe5yR6mur03w9HaXUN1cX99fyQx7IPtjIfJU9cbVXJ92yfem6N4as9OuG1GSzt49TnH7+WEsULdyoP3c+wq1qet22mROSDcyx4LwQMrSBe7bc5IFPYNypqXiaHSvEFtp15H5UdymY5mJ+d84CKADk9z0rmrvxBr8Fy90SZlhjM19pUkSKkUROEVWxuMhwTycH0HFP1Fba5vbeW5dtb0vVXK28qgfaLJ+vyEAHaPzX3rZ0/wlC15Fe69HDf31qdtvd/MGdB90yL90sPXn8KEu4N9humeF7SS1t2W41OPT1lE8el3DL5cbA5Ufd34B5C7sdOK0PEWvL4es7e5liBgedY5pnYqkCHOXYgH0wOOpHSr95fQWUf76RBIwPlxF1VpD6LkjJrjdY1Nb+xfXLcm7trMBNQ0O9RQUIPVRj5ZBnjJIYdOxofl/X9bAl3JNY1nWrq9T+xrlrXzWRdPhMClbwFQ7vIWBIQDI+XB9zwKk0fT08RQTalFJqWiyXWUvILd08q4YfKWUsrdcY3LtOMU618H217HHBfR/atFUCe0guS6T2j90yOqY7E8dORXVgQWVqAPLgghXA6KqKP5CjRBqxixR6dpojtIP3VvFiOJPQDgCuVPi6bVtFSTTn+xurlb6ZF8w2QAJ/iGC3GOQQCe9XdS1eHVJm0m1v5tOuJQHtLtNjR3BHJUHkH0K8HFY2ladLqfnSWFrDYXkDm2v4Np+yXq9yMdDz16joaWrf8AX9eoaITT5LzXLqCx1tbsXCD7TZapa7UljQnjzABtBI7bcH0rr9L0iLTDPJ5891c3DBpri4K73x0HygKAPQAUaPoWm6BamDSrVbeNjlsMWJ+pPNU9U8R2FviB7h1hmzE97bsrLbseBuPO0+hIxT9A33KUvi6SS51LT7S0/wCJnbNiC3bLM65A8wjAAXnPXnFYn9o3t1K1jqvna5pN5L5CSrGkc0cqjLMgQD5ARweoI6mpYtOmm1mTTpHxq9uontdagjH7xT0WYDgkjg9j1GK6XRfDdjpkz3/2K3i1G4GbiSFmKlu+0N0B9gKEu4PyHab4fSzu47u4v73UJ4ovKha8ZCYlPUDaq5JwMk5PHWo7/wATQ6b4kt9Lu4/KS4jBimYn97IWxsUAckdTkjGRVnVNdtdMidiDcyRkGSCAhpEXu23OcDrxXJ38VtcahbfbHbW9N1dj9kuo8faLJvvfKygfIDyD1Xoc0athsiO48Qa/BO93Jm4SKHztR0qSJFSCNztSNGxuMpAJwSQfQZFb2meFrT7PbEXOpCwjkE0OmXLL5cLA/KPu78A8hSxHtS6d4ThN7HqGvRwX2pWx2Q3i7lMiD7rOn3d49efUY6Vt3t/BYx/vZE81gTHCXVWlPooJGTRokG7KHiLxAnh6G2nniBt5ZhHLO7EJCv8AeJAP0HuawNX1nXJ75TpNy1sXdRZW7QqUuk2hmkkZgWCgcfLgj3qPWNRS/tDrcJN9ZwYjvtGu0XdEc9VGMiQZ75DDpV218H294scOop9s0mPEtnFcF1ntm7x5HVPY/TmhXBjNI0yLxBazahFJqej/AGzi7tYXTypz0LAspPOPvKVJFdBqNyNC0CSaztDKlrGNkCHHA4/IVbeW10+1XzHitoEAVdzBFUdhzXManqJ10TW1hctZXtpmT7JdKpivI/frlSO4PFJ7aAvMg1LxRPf6dDdaTePa2Zjy13bxLIXlzgRLvXHXvj8qZpMV3rl+f7T+16brNiPKk1CwK+XMuM7WDKy556EcHpTNK0SHXLFZ7W0Ftpd7xe6ZcAhQw/5aRMvQ/Tg+1dhp+nWmk2KWmnwrBBGOFH8yTyT7mq23FuN0vTINJsxb25d8sXeSRsvIxOSzH1NYT+LpbiTU7CytcapbPtit2yzFNwHmMMDjnOM8gVc1TxFp8ZFs1zJHDcAxG/tnVlgc8AE87T6EjFc7Bp1xNrE1gzCPW7NRNb6zBH8s6t0WYDuQOR36jFLdj2RCuoXd7KbDVvtGuaRezGKC5SNI545YxlnURgfIGHDdQR3Brr9N0BLG8W8ub+81G5SHyYpbxkJiQkEgBFUZJAyTknA5pmi+G7DSZZL2Kxggv7kZuGhZmXceW27ugz2AFTapr1rpcbsQ1y8RBmhtyGkiTu5XOcDrxzRsG5VvvE8Wn+JYtKuovLE8QaCVif30hONigDnHUkkYyK5mfX9eime4uM3cKRbtR0t4kRYFc4SNGxuaTGSQSQfbipL23guNStkvJW1nT9WLNZXsWPtFm33uGUDKA8g9V6HNbmm+FIRex6jrkVveapAdkd4m4GRB91nT7u/359qEu4N9g0zwvarFbObrUms4XE0GnXTLshYdB93fgdgWIq14h8Qp4fW1kuIv9Hml2SzuxCQj1OAeT0Aq/fajBYxnzHVpipMcAdQ8p9FBIya43V7+K+tv7ajzqNgpEV5pF0i74W6ZQYyH56HOe1HoFu5Jq2s67LqAOl3Bt2L5tbV4V8u4iA3NJIxBYDsNuMe9T6TpMGv2ct9G+p6THe83VkjIIpj3IypIB9VK5qS18HW935ceqIL7TYcSWSzllnt89Y2I+8v1rp5Zrawt1M0kVtCuFBdgij0HNGiQasp6te/2FoMtxa2pmW2QbYUOMDp154A5/Cuc1XxNc39jFc6PeSWtm0WVureJZDNMSVWJfMXGM8k45HpU2p6iddSaKwuGtLyyBd7C8VfKu4/frlSBwwPHequl6FBrliktva+Ro98N13plzuXy3HR4mXpz6cdxilq/6/r/AIceiH6TDda7fvJf/a9L1mxHkTX2nlDFcADOCHVlPXoRkHODXVadp0Gj6eLe1DuqlnZnbc8jE5Zie5JJNOs7Oy0fTlt7SNLa1hXpnAUdySf5msbUtZttQmOkwahPp0lyAbTUICjJI4OSqnkEjHKnBIzim+yEu7KKeLp9Y0Y/2aBaXazeXett8w6emGJZgQBuAXpyASOo659jPd67Pb2GtreSiTN5puqW4WO4gTdhTIFAVSQfTBHUcGn6Zp89/NctYW8Gn6tYyG2vNqH7HqKdWBA6H5s+qk45FdZovh/TPD8DxaTaLbrIcvhixPtkknA7DoKF3/r+uv3g+wumaPHp009w9zPeXVxgS3NwV3sB0XCqqgDJ6AdapXviiOx8RjSp4CjSQ7rdmJzO/wDdUAdu5z3q1qmv2mmRsTuuGjI85LchnhXu5XOcD6Vyl3axT6pbwXkrataall7HUYcfaLQ/e+8oGUHY9uhpbsNkRTa9rkU0k11m/tggGoac8SIId5wqRkDcz46hic+1dFpnhi2RLWRrvUpLWBvNt7G7ZdsLdv4d5x2DMQKNM8KwpepqWtQ291qsfyC7j3DzFH3WZOgb3rXv9SgsIzuZZJ9pMdurqJJPZQSM09EG7KHiDxFH4fe0a6jxbTyFZLhyQsXHHQHJPYVg6rrOvtqWdNn8hw5aCykiURzQKMtJI5G4Z7YIx71Hq99DewrrK/8AE1012ENzpdwg8yB+mYxjIb1B69Qa0LXwdb3TRpq6rqFjb4exM5ZZoQesb44ZR7/iKEmF0R6Vottr1hJeRvqml29981zp4ZBFKT1IypIB77Sua3ta1D+wtBlu7e1M4t1GIlOABkDJODgAcng8Crk1xbWMCm4lit4h8oLsFH05rldU1BtchmFjM1td6eGafTL1V8q6i/2uvBAyGBwD1FDfYEu5FrHiS6vrSO40W9ktrN4h5NzbwrI1zcMxRYl8wEYyMk4yR3HNLpMFxr1/LPeG80nWbLNrc3mnlTDdADp86spxu6EZU55qPTNAt9csI5IbYxaHqA8y50y63I0EnUPCy9MnqM47j0rrrW1s9I05YLZI7a1gXgZwqjuST/M07W3/AK/r8ULfb+v6/BjLCwg0bSxbWaOyRhmO47nkYklmJ7kkk/jXNjxdNq+ih9O/0OdZdl9IF8w2C4YkkMAN3y4xyAT3q9qWrwanMdJttQm06acBrO+i2NHMw5KqeQcEYKnBIzisTS9Om1F7h7G2hsNRtZDbX0YQ/Y79f4unQ85z1B4OanV/1/XzHohthLea5cW9jra3jSY+1WGqWwVJ4kJwPMAG0Ej2wR1Fdhpmjx6a88xuJ7u5uCDLcXBXe2OgwoVQB6ACk0bQNM0C2aHSrVbdHOW+YsT+JJOKq6p4jsLXETzP5MhMUl3bsrC2Y8Dd12/UjFV6BvuU5vFrm+1LTbe0/wCJjbj/AEe3bJaUf38YwF59ecVhHUtQnle01Xzdc0m6kFuWWJI5Y5QMsYwgGVB7nkY6mpU02WXWm02eRm1OJBcWetwINzL2EwHB9PQ+1dJo3hqz064bUZLO3j1Ocfv5YSxUt3Kg/dz7Ckl3BvsP03w8lndRXVxqF9qEsMflwG8ZD5Snrjaq5PTlsn3pmv8AiSLw/cWQu49ttcOVkuWJCx4HA4ByT2FX9Q1OCwibJEs+3clsjqJJPZQSM1x2r3kF7GmsD/icaVO4gn06dB5ls5+XMYwCD6qee4NGrYWsiTVNa1/+0y1hP5Miu7xWEsSiKS3TO6SRyCw3cYwQB3B5q1pehWmuaa91G+qabZ6gRJc6YWRYpCeW6qWAbPO1lBqS18HQXMka62qala2pDWEkxYTRqescmOHA7Z/EV0s9zbWUQa5mit487QZHCj6c0bINWynr2pnQtDmvYrbzxDt+QHaFXIBYkA4UDk8HgVzuteIry9t459EvZLa0kiH2a4ghVzdzsxVYx5gICgjJOMkHqKdqmotrlvM9lK1vdaaGa60i+VRHcxdct14IGVcEgHqOtRab4dttbsYnjtimhX6+dNpl1uR7eTqGiK9MnqM47j0pav8Ar+v+HHov6/r/AIbYfpNtPr15NcXLXmkatbZtrm609lMN1j03qwPX0yOea6e1s4dF0nyLKJ3SFWYLnLSN1JJ7kn+dSW9vZ6Tp6wwLHbWsC8DOFUe5P86w9S1aHVZm0m1v5tOuJAHtLtNjR3BHVQeQR2K8Gm+yEvMpN4ul1bRUl05/sjK5W+mRPMNkACSPmGC3GOQQD61S0973XLqCx1xbsXMY+0WWqWm1JY0Y8CQAbQSO2MH0pdK02TU/OlsbWGwu4XNtfwbT9kvV7kY6Hng9R0Nddo+haboFqYNKtlt42OW+YsSfckk0eYeQul6RFphmk8+a6uLht01xcFd744H3QFAA7ACsaTxdLJcalp9paf8AEztjiC3bLM65A8wjAwvOevOKuap4isIMW7XDrDNmJr22ZWW3c8AMedp9CRiuci02ebWZNOkk26vbqJ7XWoIx+9U9FmA4Oe46HqMUtw2Iv7RvrqRrLVvO1zSLyXyUlWNI5o5VGWZAgHyAjg9QR1Ndbpvh9LK7S7uNQvdRnji8qF7xkJiU8kDYq5JwMk5PHWmaL4bsdMme/wDsVvFqNwM3EkLMV3d9oboD7AVPqmu22lxOxDXMkZBlhtyGkRO7lc5wPansG5Wv/E0Om+JbfS7yPykuIwYZmJ/eyFsbFAHJHU5IxkVzFx4h1+CZrubNykUPnajpMkSKlvG5xHGjY3GXgnkkH0GRUl/FbXGoW32x21vTdXY/ZLqPH2myb73ysoHyA8g9V6HIrb07wpEb6PUNfjt77U7Y7IbxdymVB91nT7u8evPqMdKEu4N9hNN8LWn2e2IudSFhHIJodMuWXy4WB+Ufd34BGQpYj2q74h19PD8NtPPFm3lmEcs7MQkK/wB44B+g9zV+91CCxT97InmsCY4S6q0p9FBIya43V9Rjv7Q63ETfWcBEV9o12i7omzjKjGRIM98hh0o9AS7kmr61rk9+v9k3LWxd1+xW7QqUuk2hnkkZgWCgcfLgj3qbSNKi8QWst/G+p6OLzi7tYnTypz0LAspODjqpUkU+18HW14scWop9s0qPEtlFcF1ntmPWMkdU9j9Oa6kmCytRuMcEES45IVVA/lRog1ZG4TTtMItYCyW8X7uGPqQBwBXLSeLpNU0WOfTpfsiqW+3XESeYbTAztG4YLHpyCAe1XNR1WPV5n0qzv5dOumxJa3ACtFdY6gHkMOxHBrI0nTG1VJJrC0isJVc22o2jKfst2o4LLjofQ/gaWr/r+vmGiE0032uXkNlrq3cV/bqJrXVLPasio3QSDG0EgcjBB9K6/S9Ji0tZmWaa5nuH3zXE5UvIcYGdoAGAAMAAUaRomnaDZ/ZtLtlt4s5PzFiT7kkk1R1TxDYIRatcyRwXIMRv7Z1ZYHPABbna3oSMVXoHqUn8XTXEmp2FjaY1S2fbFbNlmKbgvmsMDjndjPIFYq395eyGw1fz9c0i+mMVvcoix3EckYyzqIwPkDA4bqCO4NSwabczaxNYM4i1uzUTQazBGNs6t0WZR3IHI/EYrptF8N2GkyyXsVjBBf3IzcNCzMu48sF3dBnsAKS21BvsP07QEsb1by5v7zUrlIvJilu2TMaZBIARVGSQMkgk4HNQX3ieLT/EsWlXUXlieINBIxOZnJxsUAc46kkjGRVnVdetdLjZiGuXjI86K3IaSJO7lc5wPbmuUvYLe41O3jvJG1mw1Ys1lfRY+0Wbfe4ZQPkB5B6r0OaNWw2RHPr+uxTPcXGbyFI92o6Y8SIsCucJGhxuaTGSckg+3Fb+meF7URWrm61JrOF/Ng066ZdkLDoPu78DsCxApdN8Kwi+j1LXIre71SD5EvE3DzEH3WZPu7/fn2rZvtRgsYz5jq0xUmOAOoeQ+igkZNGiQbsoeIPEMfh8WslzF/o80uyWdiQsQ9TgHk9AKwNW1rXZdQB0u4NuxfNravCvl3EQG5pJGILAdhtxj3pmr38V9b/20hOo6erCG80i5Rd8LdMoMZDjPQ5z2q9a+Dra78uPVEF9p0OJLJZyyzW+esbEfeX60K4DNJ0eDXrOW9jfU9JivebqxRkEUx7kZUkA+qlc1vate/2DoMtxa2hmW2QbYUOMDp154A5q5LNbWFupmkitoVwoLsEUeg5rltT1BtdSaKwuGtLyxBeSwvFXyruP365UgcMDx3ob00BLuRar4lur+xiuNGvJLazeLKXVvEshmnJKrEvmDGM8k45HpSaTDda7fu9+bvStZsR5E17p5UxXAAzgh1ZTjPQjIOcGo9L0KDXLFJYLXydHvhuu9Mudy+W46PEy9OfTjuMV2FhYWul2KWtjCsEEY+VV7f4/Wntv/X9fihb7DdM02DSbFLW23lVJZnkbczsTlmY9ySSa59vF893/AGnZWFrt1W1mMaWzAsyx7lXzXGBxzuAB5A61d1TxDYZFk13LDBdqYRqNs6lIZDwFLc7W7gkYrnrbTrqfWLixysGvaeBLFq8EWI7pW/hmUdyByPxGKW78h7IiS/utQkGn6t9o1rSb2ZktbyNFjuI5Ix80gEYUbAwOG6jHcGuv07QUsbz7XcX13qN0IvJSa7KZROpACKo5IGSQScdaZovhzT9HeS6t7GG3vLkbrgxMzLuPLBd3Rc9gBT9U8QWmlxsW3XBjYecluQ7wr/fZc5wPpRsG5WvfFEdj4i/sqeHY0kQa3Yk5nf8AuqAO3c571zM2u63HNJLd51C1CAahpzQogh3nCpGQNzNjqGJz7VLd2sM+qQW95K+rWupZksdRhx9otD977ygZQHoe3Q1vaZ4WhS9TU9Zgt7nVo/kF3HuHmKPusydA3vQl3BvsJpnhi2RbWRrvUpLWBvNt7G7ZdsDdv4dxx2DMQKs6/wCIo/D8lo11Hi2nkKyXDEhYuOOgOSegFXr/AFKCwjO5lkn2kx26uokk9lBIzXHavew30K6wpOq6Y7iG50u4QeZbueMoMZDeoPXqDRdvYNtx+q61rzalnTZzA+8tBZyRKI5oFGWkkcgsM5GMEY96s6VoltrthJdxvqml219891pwZBFKTy2MqWAbvtK5qS18HW900a6wq6hZW+HsTOWWaEHrG+OGUe/41001xbWMCm4lit4h8ql2Cj6c0bINWylrWoHQdBlu7e1M4t1GIlOABkDJODgAcng8Cud1jxHd31pHPol5JbWckI8i5t4VkN1cMxRYl8wEYyMk4yR3HNSapqD67DN9gma2u9PDNPpl6q+VdRdfm68ED5WBwO4qDTPD9vrlhHJFbGLQ9QHmXGl3O5Ggk6h4WXlcnqM47j0pav8Ar+v+HHov6/r/AIbYk0mC416/lnvDd6TrNlm1ubzTiphugO3zqynG7oRlTkZrp7Gwg0bSxbWaOyRhmO5tzyMSSzE9ySSfxqS1tbPSNOWC2SO1tYF4GcKo7kk/zNYmpaxb6nM2kW2oTadNOA1pfRbGjmYclVPIOCMFeCRnFN9kJeZSHi6bWNFD6c32OZZNl7Iq+YbFcMSTuAG7jGMEAnvVCwlvNduYLDW1vGlx9qsNUtgqTRITgeYANoJHtgjqKdpenS6i872FrBYahayG2vowp+x3y9+nQ85z1B4Oa63RtB03QLZoNJtVt0c5bDFiT9SSaF3B9hdM0ePTXnmNxPd3NwQZbi4K72x0GFCqAPQAVn3nilLPxBJpUsG2Uw77YEndcNzwoA6D1zVvVPENnpiEsWn2NiYW5DtAv95lznH4VytxZxzatDaXkr6nFfgy2GqQgfaLbHOCVHKjsfwNLcNkRTa3rKTSG93apZELFf2LQonlM/RIsDcxA6hifwrpNN8M28X2SaS91GeC3PmW1peOpWAn6KGOBwNzHFGleF4Ir1dU1e3tp9XUbTdRbgHA4DFTwGx1/nWpqGpwWETZIluNu5LZHUSSf7oJGaeiDVso694ji0C4shdx7ba4YrJcsSFjIHA4ByxPQVgaprXiD+1CbCbyZFd3jsJYkEUlsn3pJHILAtkYwQB3B5qPV7u3vY01fP8AbGk3Eggn06ZB5ls5+XMYwCD6qee4NaVr4Nt7mSMa2q6lbWpDWEkxYTRqescmOHA4xn8RQk/6/r+kF0R6XoNpremvco+qabZagRJc6WzKIpCeW6qWAbPOxlBrrlAVQqgAAYAHalACqABgDgAUU/QXqFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUmxd5faNxGC2OcUtFABRRRQAhRWYFlBK8gkdKWiigApHRZFKuoZT1BGRS0UAFFFFABSKipnYoXJycDGT60tFABRRRQAgRQ5cKNxGC2OTS0UUAFIUVmVmUEr0JHSlooAKKKKAEdFkXbIoZT2YZFLRRQAUEZGDRRQAiqqKFRQqjoAMAUtFFABSBFDlgoDHqccmlooAKKKKAEKKzKxUFl6EjkUtFFABSOiyLtdQw9CM0tFABRRRQAEAggjIPUGm/JFHxtRFH0AFZOoeK9F0rVotN1C9WC5lXeodTtx7tjArlGTUNE1rUVjnm1XS7wGZ7Yybn8puGaNvVe69x0pDNHXtXg8QRJpukX4juGbzFgniKxXyqeUDke3UVJY6NY6u32uytxZxM+y/025gyjMO4HG1gf4hwRWVF4en1u9Ajt4pNIcRtbX5uWEkEa/8ALNUxkNnq2a7HU9V0/wAM6P8Aa9SneO2hwpdt0jH09SaeiQtW7It2dja6fb+RYwRwRZJ2IuBk96zda8SadpXmQXVzJC4j3PJFEX8gE4DtwQBk965/xHP/AGo2n6/4a1vYLVjHJsfdGAxwC6em4AHvg57VXuftmqzF7PSQ+oLco+q6ZPcmNZsLtRlcggoMA4A5wO9GrDREum6Sk23TdRYpqpaS6stctUH+k7jktnoDggMh4I6cdOp0vQ7TT9s/2W0W+KkSzwQ7AxPLEDJwCecZqvoGkReGNDZZpSMBppgHYxxnliEB6KM449Kx9V1TT/HHheVfDerOt1GwmiWJzFISjE7SDg87T/Ohu2wb7nTalq9ppSRm6Zy0rbY44kLu59lHJrjUNlqF/Pfajt1fStTKxw3ax4ksmB4jYDleT97qD19aja7v9VsUhk51lrZ106+VjHHdRtjcD2STAwQeh5Fbvhbw62nyy6jc2o06edVX7FBcF441UY+Y8BmPrj0oS11/r+v68y+mn9f1/Xla07wxb27iXUlgv7mNh5V08IEu0fd3H+Ij14rVvb230+0e5u5BHEg5P9B6msSXxLoWsy32iQ6oIbtQYX5MbBiP4ScZ/Cua06W8sbBNL8QvJd2tvOEiuyTvtplPyeZjqh4IP4GjcNi9qGoxatqy38G7UbOxBW70qaDbLFuH+tVSMtx2P4Vp6f4X0+bbIRFeaW6b7aC4hy0GeoVjzt/2SOKzvD/hi+k1GO91q2W0mty/7+C7LPdsxzubAGFx/Cc1vX3izRdN1lNLv75YLqRN4VwQuP8Ae6CjawbmsBHbw4AWOONfoFArj9d1aDxEkWn6PegT7hOLW4iKR6hGrcoHI9uo49eKzdl/omp6nbtNPq2k3YaaSDzC0ghfq8bdTjkFfTkVJD4dudb1HJt4n0pmiltdRFywkjiQcRImMqc5y2e5oWrT/r+vz16g9P6/r/gGpY6LYauwvLKEW1tLIRf6ZdQZUyL3A/gcH+IZBH5101nZW2n24gsoEgiBJCIMDJ5Jqhq2v6V4Zt7QardNCkziGJnDOWPuefzNc1q7XyeJ7XX/AA3qa3EF7EIBbvLmCV1+YJn+AspOG7MBn71HpsBsa74isfLn02HU3sLl2EAvBBvjhlYZCsxG3Ptnv2rK03RkuoEtFgXSdbsIlSR1j3w3UfqRxvRuTgncCapSWE+tSRHRdNSeydp1urS+nMZs7lzlpHUg78AkAD1yOtdbH9g8HeGQbq6mNpZxjfLKzSNwAPc/gKForv8Ar+vxTDd2X9f1+DLenaRYaWp+wWcFszgB/KTGcf0qvq/iCw0j93dyyByhc+VEZCij+IgA4Hua5zxFeQ+IdMs9Z8Na06NYyCVvJbPyEclkPXGQcH6VVu2vtXDrFp6trH7v7Za/aDHFewKeDG5yApzzxnsaHdhoSWFhBcyG21NvtEt7Kbiw1u2UAuccAkfdYenQ11Gl6BbWJS4ngtZNQGd91FB5ZcnvjJwT3qLw1oX9i2kjOPLmuHMkkEcrNFET/CoPHHqAM1Wm8R6H4gW/0S21UQ3QDQtgmNlbH8JOM/hQ9NgWu5uX19b6bZvc3knlxJ1OMknsAO59q42/1CDVNX/tFAdTsLNWiu9Mlg2y22esoUjLcdQe3T0qnp095a2MOm+IGe5it5tlveEndbzrkKsoHVechuh71oeG/DF8b+K/1q1WzuLYMvmwXZd7ti2S7kAfL6Kc0Lf+v6/q4X0NGw8K6fJhpBDfaaybrSK4iy8APVQ5OSvoCOK6P93BD/DHGi/QKBWReeLdE0/W10m9vkgu2QOFcELgnA+bpnnpXIrHfaJearZTzXGr6NchpZYd5aVYJM5kjYcsASQy9ehHXFF+wW7mlrmrQ+JBBZaNdhpkZbn7DcxGOPUolblVdh6jgjj1GDVmw0TT9WZb2xiEFlNIftumXUHy+YP4gP4HB6kZB/WsyHw7da3qpaaCJ9MaWKe11NLphKsKD5IUUDKnOctnnJ/DqdW8Q6V4bjtE1W6MIuHEMTOGcsfc8/maNEg1f9f195oWlnb2FstvZQpBEpJCIMAZ5Nc/r3iCylhn0u21NrG5kbyFu/ILRJIRwpYjbk+mc1lao1/B4og1vw7qIure+iEYtnl3QysvIQH+AspOD6jnrVV9Nm1t4ho+nJPpziVJoL2dkaynY5d2UglzycAetLceiL2naNHexLbx266TrFlGsc4Ee+G5j9SON6tyfUGur0/SbHS0YWFpDblwN/lJjOKpmSw8H+Gw95czfZLVAGllZpG9Pc/hXP8AiK6j12zstb8Na2yGzfc/lNldrd3TvjIzVN66CS01Oi1jxFp+k7oruaRH2F2MURkMS9NzYBwPrXMafp0Nw/2PUm8y7uZGubHXLZQDLnkZI6MB1U8EVFdm+1Zm+z6araqHjN/ZNcmOO6iH3WRyCNvfp7V03h7Rk8PaZK8zeW0haaWNJGaKLuQgPQD2ApLuw8kT6XoNrYFLiW2tWv8AB8y4hh8veT1OMnGas6jqlrpcSPdM2ZG2RxxoXd29Ao5Nc3qOraZ448O3Nr4f1ZkulO+MRuYpCynpg4ODg/zrLS8v9Q0+G3umP9q/Z5E0vUclEm3ABlYDhJBjHP1FGoEpmstR1GfVL7brOi3wW3EnlYk09g33GUcgEn73UHGfWuh0/wALW0Ll9SEOoyRuPs9xNCPNVByqu38ZB6NgfnzVPwr4cksrltTvLNdMnkjSIWcF0ZFAUY3ORgOxz1xxxzWjdeLdEste/se7vkhvdgfY4IXBIAG7pnkcZp7aIW+prySJFG0kjBUUZZieAK4zWtVi8Rtb22j3PmSRMLk6fcxeWt/ErdFZh7cEcevFZkUd7oc+qadezXGraNMWllj3lpUgkz+9jYcsAcqy9eAR1xVq38OXes6sZLqGJtP86Oe21KO6YSGJV+SJFAynuc85NJatf1/X/D9RvS/9f1+mhpWGhafqjLeWMYjsJnJutNuYOFkH8Sj+BgeuMg/rXTWtpb2NusFnCkMS/dRBgCs/VvEek+HPskWq3fkfaG8uIuGbJ9z/AFNczqLahaeKk1jQNQ+2W19GALV5d0UrLzsU/wALEcj3470egGpr+vWd3bzaVaao1jdTN5CXRgLReZj7hYjHPTrmqVho8WoRiKG2XSdUtFWK6iMW+G5T3HAdT1B6is99Km1ySNdJsEm0yRHjdLudkaxmY5dihBLN6YPFddNc6f4P8OiS+uZhaWyhTJKzSsf5mjZXYbuy/r+vwLmn6VY6XGy2FpDb78F/KXGTVLWfEen6TvhuriSNxHud4ojJ5KngM2AQBn1rnvEVyusRWGu+G9bKfZHw+xtyANxl09M4B74PtVa6+26tITa6WH1JZo21LT5bkxpcKBhGRyCCnfGOaNWGhLp2lxTkWGot/wATCR3urHXLVB+/yc7sjgEDAKHgjp7dTpWhWmn7bhrW0F+VIlngh8veTyxAycZPPWoNA0ePw3o7maQqTummVZGaKLqSEB6AewHSsjU9U07xz4Ynh8Oas63aMJYlicxSFkYnbg4ODtI/XtQ3bYFrudLqWrWulRxtdM5aV9kccaF3kPoFHJrjRJZajqE+pagV1nRtSCwR3AixJYMCf3bKOQMn73UEc9jUQvL7U7GKGZj/AGy1rIulaiCUjuVYDepA4SXC4IPQjI9K3PC3h17G4k1O6s10yeZEjFjb3JkRFUYy5GA7nPXHYc0W11/r+v68y+n9f1/X3W9P8L21u/maksOoTxuPIuZYQJQg+6HP8RH97ita8vILC0e5u5BHFGMsxrGk8T6Fqd5e6GupiG7QGJxkxkEg/dY4yR7Vy+nSXenWH9k+I5Jb2xtpwguST5ltIpyhfHLIeCD25Bo3DY0NS1GPWNWivbTdqFtp4/0rSZ4NkihhxKoYZbg9D+HNaOn+GNOn2SqIrvSpF329tcQ5aAnrtY8hf9kjis7QvC9/PqiXut2620tvI7C6t7tjJdljwTgDagGPlJPSuj1jxNpOgT20WrXYt2uW2x5UkH6kDj8aNkg3ZpxxpDEscSKiIMKqjAArl/EGuWmoW02kWOqNY3U7GGO4aEmJnxzHuIxz04Oazb5tRsPFR1XQ7431rfxgi1aXdHKVHKof4WxyOx6VVbR5dceOPSrKObSJYjEDczsr2LlsuShBLN6cjFLcexpWOjwakuLe1XSdRtgsN7bPFvhuEx0I4DAjkMOR+ldVYaZZaZGyWFrFbhzlhGuMmqV1fad4Q8PiXULmVbSABfMkLSsf5k1zviOY6o2n6/4a1vYLVjHJtfdEAxwC6em4YPfBz2qr66CtpqdBrPiTTtK8yG6uZIXWPc8kURcW4JwHbghRk965zTdKjm26bqLFNV3SXVlrlqgxc7jkt6A4IDIeCBxx0iuRe6rNvs9JD363KSatpk90Y1mwm2NlcggxjAOAOcDvXTaDpMXhjQmWaUgKGmmAdmjj5LEID91RnHHoKXS7/r+v68jyRY0vQ7TTts4tLVb0qRLNBDsDE8sQMnAJ5xmpdT1e00lIzds5aVtsccSF3c+yjmuZ1XVNP8ceGJB4a1d1uomE0axOYpCVJ4IODztP86z2u77VbJIpOdZa1ddPvQxjju42xuX0STAwQeh5FDuGhLGbLUb+e+1Erq+lamVjgvFjxJZMCcRsByvPRuoPX1ro9O8MW9u4l1FYL+5jb91dPCBJtH3dx/iI9eKq+FvDzafLLqNzarp086qv2KC4Lxxqox8x4DMfXHpUkviXQtZkvtEh1QQ3agwvyY2ViP4ScZ/Ch6aIN9zbvb63060e5vJBHEg5P9AO5rjdQ1CLVtWXUIAdSs7FSl1pU0G2WHcP9aqkZbjsfwqjp013ZWKaZ4ieS7trecJFdknfbTL90SY+8p4Ib8DWh4f8L30mpR32tWy2k9uXxPBdsz3ZY53MQBhcdFOaOodDRsPC2ny4ciK90t03W0FxFloM9QrHnb/skcV0YEdvDgBY441+gUCsm+8WaLpusppd/fLBdSJvVXBC4/3ulcnsv9E1PU7czzatpN0Gmkty5aQQvwXjbqccgr9CKL9gt3NLXdWg8RJFYaPeDzwwnFpcxFI9QjVuUVyPbqOPXiprHRbDV2F5Ywi2tpZCL/TLqDKmRe4H8Dg9xkEfnWXD4duda1LLQRvpTPFLa6it0wkjiQfLEiYypz1bPc11+raxp/hnR/teqXDxW0e1N7BpGJ7dMkmjRINW7It2dlbafbC3soEgiUkhEXAyTkmszWvEmnaZ5tvcXckEgjBeaOIuLcMcBmOCBz61geJJX1C503xD4b1sKtuTBIFffCAxwpdPTcNpPUA5/hqtcpd6tPvsNI33q3Svq2l3N0Yw7BNqOHIIaMYBwBzgd6WrDRE2m6Qkyrp18fJ1dC9xa6xbJ8t0GOd3p3AZDxjpx06rS9Ds9N2zJaWsd2y4llgi2BieTgc4BPOM1W0TS4PC3h9lnmbbGrSzHezInUkID0UZwAPSsbWNTsfGvhov4a1d1uIHE6CFzHIdpPBU89j1pt2Dfc6XU9Zs9JWP7Uzl5DhI4oy7t64Uc1x8K2d/ezXWpMNW07VGUW1/GmJLVh0jYDlcHo351FJc32rWYiZc601sVtLpXMcd5ESCwHZH4wQehroPC/h5tOea/uLZbCe4xmzgnLxxADHPQM3qcUJa6/1/X4fmX00LOm+Gre2cTaglvfXcbZS7aELIQOm71YDvWnfX9vptm9zeSeXEvfGST2AHc+1Yc3iLQ/EC3+i22qiG6w0LYJjZWx/CTjP4Vzum3F5b2MOneIXe5it5ttveEndb3ABCrKB1HPDdD3o1YbFy/v4dU1j+00B1PT7NWhu9Mlg2y2xOMyBSMtx1B5x09K1bDwrYPgyiK+01k3WkVxFueAHqocnJTpgEcVneG/C96dQiv9atls7i2DL5kF2Xe7Ytku5AHy+inPet288WaJYa4ukXt8kF4yBwrghcE4HzdM89M0bJL+v6/IN/6/r/AIJr/u4If4Y40X6BQK43W9Wh8RiCy0e63TIwufsFzFsj1GJW5VXYeo4I49Rg1mLHfaJearYzzT6vo1yGllh3lpVgkz+8jYcsAchl69COuKsQeHbvWtWZ54In0xpYp7XU0umEiwIvyQooGUOc7mzzk/gLVp/1/X52a3B6X/r+v00exp2GiafqzLe2MQgsppD9t0y6g+USj+IDPyOD1IyD+tdNaWdvYW629nCkES5wiDAGaz9W8Q6V4ajtE1W6MIuHEUTMGfcfc8/ma5nU2v7fxRDrnh7UvtVvfRBBbPLuhlZedgP8BZScH1HPWj0A1te8QWU0M2l22qNYXMjeQt35G6JJCPuFiNuT6ZzWdp2jRXsS28duuk6vZIsc4Ee+G5j9xwHVuvqCaovps2tvENH05J9PcSpNDezlGsp2OXdlIJc8nAHSu0toLbw5oISSeVre1jy0kzs7YA5POT+FC0V3/X9fjcN3Zf1/X4Ml0/SbHS0YWFpDbl8b/KXGcVHqmtWekBBdtIXkyVjijLuQOpwOcCua1rUbLxj4cW48NaxIk9q4uFEDlHIHUFT147GqM099q1qYjEDrbW4WGZZDHFewZyQp6Ix6HPTmh3DQkt4rO+vJZtUYapY6pIptNTiTbJAwHEbY+6R2YfjXS6Z4bt7Vln1BLe8vkbK3fkBHYdAW9Wx3qv4X8PnTDPezwLZT3Ry1nBOzxRDGAOwLepxUc/iDQ/E9tqGi2WreTdENASCY2VvVScZ6jpQ9NgWu5u6hqFtplm1zeSbI1wOASWJ6AAckn0rjb6+g1LWG1Xb/AGrploj213p0sGJrInGZAhGWBA5B5xyO4qrpt3ex2NtY6+zziCbbaXzE5t7lQVCTAdeTw3Rh71oeGPDF4t9DqOs2osbm2jMeYLsu10xbc0khAAIJ6Kc4yaEtf6/r/h0wvp/X9f1Y0bHwnYk/6QIdQ0/YDZpcRbpIFPJQOT8ydMAjI6ZPboWaOCEs5WONFySeAoFZN14s0Sz13+xru+SG92B9rggYJAHzdM8jjNchFHe6HNqmnXss+r6LMWllj3lpkgkz+8RhywByrDrwCOuKL9gt3NPWdWi8RPBbaRc+ZJCwuW0+5h2LfxA/wsw9uCOPWrNhoWnaoy3llEsdhMxN1ptzBwso/iUfwMD1xkH9azbXw5d6xqxkuoIjYeck9tqcd03mGJV+SJFAynuc85NdRq3iPSfDhtItVuzB9oby4i4Zskep/qaeiQas0LW0t7K3WC0hSGJfuogwBXO6/r9ndwTaVZ6o1jdTMYUuTCWi34+4WIxz7HNZeoHULPxUmsaDqBvLa/jAFq0u6KUqM7FP8LEcj3471WbSpdbaNdIsI59LkR42W7nZGsZScuxQglm9MEYqdx7Ghp+jQ6hGI4bZdJ1S0VYruIxb4blPccB1I5B6iuqsNKsdLRlsLSG334L+WuMmqc1zp/hDw6JL65lFpbKFMkrNKx/ma57xHcjV47DXfDWtlPsj7ZPLbcgVuMunpnAPfB9qpvXQS21Og1jxHp2k74bq4kjcR7neKIyeSp4DNgEAfWua07So5yLDUWP9oyO91Y65aqP3+TnPoCBgFDwR09orn7bqrsbTSw+pLPG+p6fJcmNLhQuEZHIIKdDjHNdP4f0eLw3o7+dIVJ3SzKsjGKLqSEB6Aew7UttX/X9f15HkifStCtNP23DWtoL8qRLPBD5e8nliBk4yeetWNS1W10qONrpnLSvsjjjQu8h9Ao5Nczqeqad458MTw+HNWdbtGEsSxOYpCyMTtwcHB2kfr2rN+2X2qWMUMzZ1hrWRdK1FSY47lWxvVgOElwuCD0IyPSjUNCUSWOo38+o6ht1nR9S2wx3AixJYMCf3bAcgZP3uoPXsa6LTvC9vbyeZqSw6hPGw8i5khAlCD7oc/wARH97iqvhbw69jNJqV1Zrpk8yJGLG3uTIiKq4y5GA7n1x2HNXbnxZokGtvotzfrDebASrgqOeB83TPPrT20Qb6mvLKkELyzMERBlmJ4ArjdY1WLxBPbxaTOZmtmFw+mXEOwXsYPVSw59R2PesyBLzRG1HTdSln1XRnYvKu8mWKJzkSKRyy9QR1GAe9W7Lw3earqxmvoI/sazCeDUorpvMkjA+SNVABQDuc80lq0/6/r+twehpafoOnakUvLONRp0xLTafcwcJIP4l/uH16g101tawWdukFpEkMSDCogwBWbq3iXSPD0trb6rd+Q1wdsRYM2cep7fU1zN6dR0/xWdV0O+a+tb9AwtGl3JKVHKof4WxyOx6UX7AafiDXbTULaXSLHVTY3U7GGO4aEmJ3xzHuIxz04Oaq2Oj2+pri3tV0nULYLDfWrxb4bhMdCOAwI5DDkfpWadHk1xo49JsY59IlhMQa5nZXsXLZclCCWf0ORjFdfdX2neEPD6y6hcyraW4C+ZIWlY/zJo2Wobuy/r+vwLthpllpkbJYWsVuHOWEa4yaoaz4k07SvNgurmSF1j3SSRRFxbgnAduCF5Peuf8AEc51N9P1/wAN63sFsxik2vuiAY4BdPTcAD3AOe1V7kXmqzF7LSQ9+t0kmraZPdGNZsJtjZXIIMYwDgDnA7ijVhoiXTdJWULpmot5eq7pLqy1y1QYutxyW9AcEBkPBA446dTpeh2enbZxaWq3pUiWaCHYGJ5YgZOATzjNV9B0iHwvoLLNMcKGlmw7GOM5LEIp+6ozgAdgKxtV1PT/ABx4XkHhrV3W6iYTRrE5ikJUn5SDg87T/Ohu2wb7nTalq9ppSRm6Zy0rbY44kLu59lHNcdGbLUb6a91EjV9K1MrHBeLHiSyYHiNgOV56N1z19aie6vtVskikGdZa2ZdPvVYxx3cZxuHokmBgg9DyK3/C3h5tPkl1C5tV06ecKv2KC4LxxqBj5jwGb3x6UW11/r+v68y+mn9f1/XlZ07wzb2ziXUVgvrmNv3V08IEm0fd3H+Jh68Vq3t9b6daPc3kgjiQcn+gHc1hzeJND1t7/Q4dUEN2oaFuTGytj+EnGfwrm9Omu7KxTTPETyXdtbzhIrsk7raZfuiTHVTwQfwNG4WsXdQ1CHVtWXUIc6lZWIKXelzQbZYcj/WKpGW47H8K1LDwtp8uHYRXumOm62guIstBnqFY87T/AHSOKz/D/hi+k1KO+1q2W0mti2JoLss92zHO5iAML6Kc10Gr+KNI0G7trfVbsW8lzny9ykjj1IGB+NGyQbs1ERYo1SNQqKMBQMACuU8Q63aatay6Pp2qmyu7hmhineEmGVgPmj3kY5zjg5Has+7OpaX4sl1LRrxtQtNQQSC0aTcsu0YZY2/hcDBA6Hkdqq/2HJrhjh0qzjm0WW3EMUtxOyvYHdmT5CCWcnocjGBS3DY1LLR7bVcta2i6Tew7YNRsZIt8M6Y+6RwG45VxyO/pXU2Om2WmRtHp9tHbq7bmEa43HGMn8qp3+pab4R0FZ9SuZUtIcJ5khaViT09Sa5zxJK9/dad4h8N62FW3JgkAffD8xwC6+m4bSeoBz/DVX10C2mpva14l07TPNtri7kgkVAXmjhLi3DHAZjggcnvXPabpCyqum3v7jV0L3FrrFsmVugTkt6dwGQ8enFRXKXmrT77HSA94t0r6tpdxdGMMwTajhyCGjGAcAc4Heum0XTIPCvh8rPO2yNTLMd7MidSQgPRRnAA9KXS7/r+v68jyX9f1/XnZ0vRLPTcTJaWsd2y4llgi2BieTgc4BPOM0/U9Zs9JVPtbOXkJ2RxRl3bHXCjniuZ1jUrHxr4aMnhrV5FuIHE6CFzG52noVPPY9aoy3N9q1oInjzrTW5W0uVkMcV5CSCwB6I+Bgg9KHcNCWFbK/vJrnUiNW07VHUW2oRph7Vh0jbHK4PRvzro9N8NW9s4m1BLe9vI2+S7MIWQgdN3qwHeq3hfw+2nNNfXFsthPcYzZwXDPHGAMc9AzepxST+ItD8RR6holrqvk3WGhbBMbK2P4ScZ/CjbYFrubt9f2+m2b3N5J5cS98ZJPYAdz7Vxt/fwapq/9ppnU9Ps1aG70yWDbLak4zIFIy3HUHnHT0qnptxeW9jDp3iF5LmO3m2294Sc286ghVlA6jnhuh71o+G/DF6dQiv8AWbVbK4tlZfMguy73bFsl3IA49FOepoS1/r+v6uF9P6/r+rGhYeFdPf5pRFfacybrSK4i3PAD1UOeSnTAI4roiY4IcnbHHGv0CgVk3nizRLDW10m9vkgvGQOFcEDBIA+bpnkcZrkVS+0W71axuZp9X0W5DSzQ7y0qwSZzJGw5YAllZevAI64o9At3NPW9Wh8SCCz0a6DTIy3X2G5iMceoxK3Kq7D1HBHHqMGrFholhqzLe2UQhsppD9t0y6t/lEo/iAz8jg9SMg/rWZD4du9a1ZnnhifTWliuLXU47phIIUX5IUUDKnOctnnJ/DrNY1vTvDOlrdarcNFbqVjDkM7E9B0yT9aeiQat/wBf18y7aWdvYW629nCkES5wiDAGayda8SafYCa1mvJLaUKA08cJdbctwCxwQPxrC8Qyy3eoaf4g8N6yNseYHXfuhO48b17AkYJ6jOe1VriK71eYPp2krJOLjdqmm3VyYwJNuFfcQQyDGcAc1OrDRE+m6Qs0aaddD7JrMAaWDVIEyl0pOSx9Qc8ofwrqtM0Sy0wCSG0torllxJJBFsDHvgdhntVbSrC28J+HSJ538qFDJKzOzKvc7Qc4HsKw9b1Gy8Y+HFufDWsSJPauJ1EDlHIHUFT147Gm3YFrudNqmtWekBPtbSF3BKxxRl3IHJOBzgVyNvFZ313LLqjDVLLVJA1pqkSbXgYDiNsfcI7EfjUVxPfatamJoQdbMAWGVJTHFfQZywU9EY9DnpXReF9AbTPPvZ4Fsp7ptzWcE7PFEMYA7AtxycUJa6/1/X4BfTQn0zw3b2rrcX8dveXyNlbvyAjsOgLerY4zW1RRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGXrmgWmvWgjuRsmj5hnUfNGfUeo9uhrG0Pwq0N1DcX0DWd1ZyHa1pNiG5GMbtn8Oe44rraKFoD1QgAUYUAD2plxbxXVu8FzGssUi7XRxkMKkooA4hvA6Q6k1qIDPplwjBbiOXy57Q4Pyk/xocnHUj3FdhZ2i2dnDArvL5UYjEkhyzADuanoo6B1uFcdrHg6OPUBfaVZx3EUr5ubEsEPPBkifjY4ycjIB9jXY0UdbgZ2jaLBoto9vBLNMjTNMPPfeVLckA+n+NaNFFAHN+JPCkWqMb6xjhW/UYKypmO4H91x/Juoqbw/4fi09mvfLuLaW5iVZbOSfzUjI9Dz/ADreooWgPUKytd8P2mvWwWf91PHzDcKAWjP9R6g8GtWigDk9B8LGC5gu72BrG7s3ZQLWb9xcAjG4J/DnjjjmurACjCgAegpaKAKuo6da6rYvaX8KzQv1B7HsQexHrXJW/gcm4nsb0SCBdslvqdrKIpGwwISVRwzDaMNjkehrt6KNncOlhAoGcDk9T60kkaSxtHKodGGGVhkEU6igDipfBKWurKtpbCfTZyQwWTy5rMnujcbk/wBnt29K6rS9Oj0rTYLOKSSVYF2K8py2Pc1boo6WDrcK5nxJ4Uj1GQ6hp8UH25R80cy5juR/db0Pow5FdNRQBh6BoEOmmS7VLiB7pF820ln81YyPQ8/zrcoooAyde8O2uvW6+b+5uYuYLlVBaM/Q8MvqDwayvD/hg29xb3t5btYXloXjMdrPm3nUgDcF/hBwDjggiurooWgPUQAKMKAB6CqupaZaavYvaX8Qlift0KnsQexHrVuigDiLTwQftEtpfBxFGyyW+o2sojeTBBCyIOCwwPmxyPQ12wUDOByep9aWigBssUc8TRTIrxuMMrDIIrjJPBCW+qCKC38/TLgEFkk8uazP+y38Se3au1ooAq6dYJpunwWkbySiFNiySnLEe5q1RRRuByGueD0+2f2hpNnDcb3zc2TkIJM9Xjb+Bxn6GtzRdEg0a3ligknkSWUzbbiTeUJ6gGtOihaA9QrH1/w5a69Chc+ReQ8wXKqGKH0IPDKe6ng1sUUAct4e8M/Zri3v7u2bT7y23xNDbT7reUEAblU/dBwDjggiuoACjCgADsKWigCnqmlWmsWL2l/EJI25B6FT2IPY1y1l4KYXMlvfq6LC6ywahaSiNpsHgSIONwx1xzXa0ULR3DpYQKF6DGevvTZoY7iF4Z41kjcbWRhkEU+igDiX8DpBqRt47fz9MuFZRKkvlz2nB43fxoc9Dkj6V1thZJYWMFsjvKIUCCSQ5YgepqzRR0DrcK4/WvB6Jffb9JsorlJHzc2LME3Z4MkT8bHGTxkA+x5rsKKOoGbo2iwaLayQQSzypJO048995Qt1APpnJ/E1pUUUAc54k8KRauTeWawx6gi4/epujnH9yQdx79R2qTw/4fisZDfmK4tZriEJLZvcebHGQc8Hn3x7HpW/RQtAeoVS1bSbTWrFrW+j3oeVYcMh7EHsau0UAcXp/gxhctFfo0ZtpVlgvrSUR+eAejx9Nw7nHNdmFC9ABnr70tFAEdxbxXVu8FzGssUi7XRxkMK4xvAyRai9p5Bn0y4RlW4jl8ue04Pyk/xocnGcke4rt6KAILO0Wys4bdXeXyoxGJJDlmAHc1PRRQ9Q2OO1fwdHFqAvdKsoriKV/wDSbIsIyM8GSJ+NjDJyMgH2NdBo+jQaLZvbwSzTI0zSjz33lSxyQD6Z/nWjRQtAeoVzfiTwpFqjG+sY4Vv1HKyrmO4H91x/JuorpKKBmDoHh+HT2e9Edxby3MSrLaSz+akZHoef51vUUUCMrXvD9rr1qFm/dXEfMNwqgtGfx6j1B4NZGg+FjBcwXd7A1jd2bsoFrN+4uFIxuCfw5wOOORXWUULQHqIAFGFAA9BUdzbQ3ltJb3USywyLtdHGQwqWigDiP+EGWLUJLJoWn0y4jYJdxy+XcWvB/dsf+WiHccE5I6HI5rsbW2FraxQh2kMUax+ZIcswAxkn1qaigOtwIyMHkVx2qeDY4NRW70uyjuLeV/8ASLPcI2TPWSJ+Np9RnB+tdjRR1uBn6Po8Oi2P2WCSaZPMaRTO25l3HJGa0KKKAOZ8SeE49RkOoafFB9uUfPHMuY7kD+FvQ+jDkVa0Dw/BprSXSJcQvdIvmWs03mrGR6Hn+dblFC0B6hWRr/h21163XzD5N1FzBcqoLRn3B4ZfVTwa16KNwOU8P+Fzb3FvfXlu1heWheMx2s+bedSAN4U/dBwDjggiuqACjCgADsKWigCpqemWmr2L2l/CJYn7HgqexB7EetcpZ+CT9pltL5XWKJlkt9RtZRG8mCCFkQcFhgfNjn2NdtRRs7h0sIFAzgcnqfWlIDAgjIPUGiigDjdQ8Gx2+ppc6ZZpcWsz/v7Xf5bQk/8ALSJ+Me65wa6PR9Ih0bT1tIJJZURmZWnbcwyc4zV+ijZA9QrmPEfhNL6U6jpsMBvRzJBMP3V0B2b+63ow5FdPRQBiaDoEGl+dcRi5jN2qGS2nm80RFRjAPP8AM9K26KKAMfxB4cttegUsfIvIeYLlVDFD6EHhlPdTwazfD3hj7NcW9/d2zafeW2+JoLafdbyggDcqn7oOAccEEV1VFC0B6gAFGFGAOgFU9U0q01mxa0v4hJG3IPQqexB7GrlFG4HFWPgthdPb36OiwSLLb6haSiMzYOQJE6bhjrjmu0Chegxnr70tFADJ4IrmB4biNZIpBtZGGQw9K4x/A6QakbdIDPplwrKJUl8ue0OOm7+NDnockfSu2ooArWFklhYwWyO8ohQIJJDliB6mrNFFG4HH614PRL77fpNlFcpI/wDpNixCbs8GSJ+NjjJ4yAfY81vaNosGi2ssEEs8ySTtOPPfeULckA+mcn8TWlRQtAeoVi+IfDVtrsKv8sN7EP3NxsDY9mB+8p7g1tUUAcv4e8NfZZob+6t3sLuFXie3huN8EgOBuVewOAccYrqAABgDA9BRRQBS1bSLPWrFrW/j3oeVYcMh9QexrmNO8GMt0Yr9GiNtKssF9aS+X9oAOcPH03epxzXaUULR3DdWEChegAz196ZcW8N1bvBcxrLFIpV0cZDD0qSigDiD4GSLUHtPJM+mXCMq3Ecvlz2vB+Un+NDk4zkjvkV2FnaLZWcMCu8vlRiMSSHLMAO5qeijoHW4Vx2r+Dki1AXulWUVzDK/+k2JYRkZ4MkT8bGGTkZAPsa7GijrcDO0bRYNFs2toJZpkaVpQZ33lS3JAPp/jWjRRQBzXiTwpFqbG/sI4RfqOUlXMdwP7rj+TdRVjQPD8OnM94I7i3luY1WW0ln81IyPQ8/zrdooWgPUKoavo1nrdibW+j3L1R14aNvVT2NX6KAOM0zwcy3QXUI2heznWWG8s5Qi3IGfvx9A3JB457GuyChegAzycUtFAEVzbQ3lrJb3USzQyqVeNxkMPQ1xn/CCrHqElk8TT6ZcRsEu45fLuLXg/u2P/LRDuOCckdDkc13FFKwENrbC1tYoQ7SGKNU8yQ5ZgBjJPrUxGRg8iiim9Q2ON1TwakGord6XZR3FvK/+kWe7y2TPWSJ+Np9RnB+tdFo+jQ6LY/ZYJZpkEjOpnbcy5OcA+laFFC0VgeoVzPiTwnHqEh1DToYPtyj54pl/d3IH8Leh9GHIrpqKAMPQNAh03zLpEuIXukTzLWabzVjI7A8/zrcoooAyNf8ADtrr1uvmHybqLmC5VQWjPoQeGX1U8Gsvw/4X+z3FvfXlu1heWheMx2s+becEAbgp+6DgHHBBFdXRQtAeogAUAKAAOgFR3VrBfWsltdxLNDIu10cZBFS0UAcOvgZUvpbKWJpdOmjPl3kUvlz2/wDsP/z0Xk4PJHf1rs7eAW9vHEGZzGgTe/LNgYyTUtFAdbgQGBBGQeoNcbqHg1LfU0udMs47i0mf9/a7/LeEn/lpE/GPdc4rsqKOoGfo+jw6Lp62cEk0yIxZWnbcwyc4zWhRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB//9k=)

#### 

#### Response

We outline the relationships between each variable from the entire data set in the correlation plot where orange indicates a stronger positive relationship and blue indicates a stronger negative relationship.

Given our previous exploration of correlations, p-value significance levels, and feature fit with linear modeling, we can easily confirm that process predictors have more relevance in predicting yield. This bodes well as these features can be changes while biological ones cannot change. Simulations could be done using linear and other model types with modifications to focus on those predictors.

A good next step might be to build the model via forward stepwise or backward stepwise regression (or both). Training on some other models such as Random Forest, could also be used to identify which features are most relevant and expose their true nature when influencing yield. We note that prior to experimenting with process features value changes, it is difficult to know what will perform well.

## KJ 7.2

Friedman (1991) introduced several benchmark data sets created by simulation. One of these simulations used the following nonlinear equation to create data: y = 10 sin(πx1x2) + 20(x3 − 0.5)2 + 10x4 + 5x5 + N(0, σ2) where the x values are random variables uniformly distributed between [0, 1] (there are also 5 other non-informative variables also created in the simulation).The package mlbench contains a function called mlbench.friedman1 that simulates these data:

> library(mlbench)  
> set.seed(200)  
> trainingData <- mlbench.friedman1(200, sd = 1)  
> ## We convert the 'x' data from a matrix to a data frame  
> ## One reason is that this will give the columns names.  
> trainingData$x <- data.frame(trainingData$x)  
> ## Look at the data using  
> featurePlot(trainingData$x, trainingData$y)  
> ## or other methods.  
>  
> ## This creates a list with a vector 'y' and a matrix  
> ## of predictors 'x'. Also simulate a large test set to  
> ## estimate the true error rate with good precision:  
> testData <- mlbench.friedman1(5000, sd = 1)  
> testData$x <- data.frame(testData$x)

### Part A

#### Question

Tune several models on these data. An example is shown in the code. Which models appear to give the best performance? Does MARS select the informative predictors (those named X1–X5)?

#### Code

library(mlbench)  
library(caret)  
library(AppliedPredictiveModeling)  
library(kernlab)  
library(doParallel) # Used for computation  
library(earth) # Package necessary for marsModel  
registerDoParallel(cores=2)  
getDoParWorkers()

## [1] 2

set.seed(200)  
trainingData <- mlbench.friedman1(200, sd = 1)  
## We convert the ' x ' data from a matrix to a data frame  
## One reason is that this will give the columns names.  
trainingData$x <- data.frame(trainingData$x)  
## Look at the data using  
#featurePlot(trainingData$x, trainingData$y)  
## or other methods.  
## This creates a list with a vector ' y ' and a matrix  
## of predictors ' x ' . Also simulate a large test set to  
## estimate the true error rate with good precision:  
testData <- mlbench.friedman1(5000, sd = 1)  
testData$x <- data.frame(testData$x)  
knnModel <- train(x = trainingData$x, y = trainingData$y, method = "knn", preProc = c("center", "scale"), tuneLength = 10)  
knnPred <- predict(knnModel, newdata = testData$x)  
## The function 'postResample' can be used to get the test set   
## performance values  
postResample(pred = knnPred, obs = testData$y)

## RMSE Rsquared MAE   
## 3.2040595 0.6819919 2.5683461

svmModel <- train(x = trainingData$x,  
 y = trainingData$y,  
 method = "svmRadial",  
 tuneLength=10,  
 preProc = c("center", "scale"))  
svmPred <- predict(svmModel, newdata = testData$x)  
postResample(pred = svmPred, obs = testData$y)

## RMSE Rsquared MAE   
## 2.0864652 0.8236735 1.5854649

nnetGrid <- expand.grid(.decay=c(0, 0.01, 0.1, 0.5, 0.9),  
 .size=c(1, 10, 15, 20),  
 .bag=FALSE)  
nnetModel <- train(x = trainingData$x,  
 y = trainingData$y,  
 method = "avNNet",  
 tuneGrid = nnetGrid,  
 preProc = c("center", "scale"),  
 trace=FALSE,  
 linout=TRUE,  
 maxit=500)  
# Neural net may take several minutes  
nnetPred <- predict(nnetModel, newdata = testData$x)  
postResample(pred = nnetPred, obs = testData$y)

## RMSE Rsquared MAE   
## 1.894755 0.856176 1.441820

marsGrid <- expand.grid(.degree=1:2,  
 .nprune=2:20)  
marsModel <- train(x = trainingData$x,  
 y = trainingData$y,  
 method = "earth",  
 tuneGrid = marsGrid,  
 preProc = c("center", "scale"))  
marsPred <- predict(marsModel, newdata = testData$x)  
postResample(pred = marsPred, obs = testData$y)

## RMSE Rsquared MAE   
## 1.3227340 0.9291489 1.0524686

knnModel

## k-Nearest Neighbors   
##   
## 200 samples  
## 10 predictor  
##   
## Pre-processing: centered (10), scaled (10)   
## Resampling: Bootstrapped (25 reps)   
## Summary of sample sizes: 200, 200, 200, 200, 200, 200, ...   
## Resampling results across tuning parameters:  
##   
## k RMSE Rsquared MAE   
## 5 3.466085 0.5121775 2.816838  
## 7 3.349428 0.5452823 2.727410  
## 9 3.264276 0.5785990 2.660026  
## 11 3.214216 0.6024244 2.603767  
## 13 3.196510 0.6176570 2.591935  
## 15 3.184173 0.6305506 2.577482  
## 17 3.183130 0.6425367 2.567787  
## 19 3.198752 0.6483184 2.592683  
## 21 3.188993 0.6611428 2.588787  
## 23 3.200458 0.6638353 2.604529  
##   
## RMSE was used to select the optimal model using the smallest value.  
## The final value used for the model was k = 17.

svmModel

## Support Vector Machines with Radial Basis Function Kernel   
##   
## 200 samples  
## 10 predictor  
##   
## Pre-processing: centered (10), scaled (10)   
## Resampling: Bootstrapped (25 reps)   
## Summary of sample sizes: 200, 200, 200, 200, 200, 200, ...   
## Resampling results across tuning parameters:  
##   
## C RMSE Rsquared MAE   
## 0.25 2.545335 0.7804647 2.015121  
## 0.50 2.319786 0.7965148 1.830009  
## 1.00 2.188349 0.8119636 1.726027  
## 2.00 2.103655 0.8241314 1.655842  
## 4.00 2.066879 0.8294322 1.631051  
## 8.00 2.052681 0.8313929 1.623550  
## 16.00 2.049867 0.8318312 1.621820  
## 32.00 2.049867 0.8318312 1.621820  
## 64.00 2.049867 0.8318312 1.621820  
## 128.00 2.049867 0.8318312 1.621820  
##   
## Tuning parameter 'sigma' was held constant at a value of 0.06802164  
## RMSE was used to select the optimal model using the smallest value.  
## The final values used for the model were sigma = 0.06802164 and C = 16.

nnetModel

## Model Averaged Neural Network   
##   
## 200 samples  
## 10 predictor  
##   
## Pre-processing: centered (10), scaled (10)   
## Resampling: Bootstrapped (25 reps)   
## Summary of sample sizes: 200, 200, 200, 200, 200, 200, ...   
## Resampling results across tuning parameters:  
##   
## decay size RMSE Rsquared MAE   
## 0.00 1 2.589902 0.7324403 2.014450  
## 0.00 10 3.082909 0.6581005 2.345346  
## 0.00 15 2.666684 0.7202739 2.135432  
## 0.00 20 2.634394 0.7273102 2.116201  
## 0.01 1 2.567190 0.7363972 1.993021  
## 0.01 10 2.714509 0.7118994 2.173845  
## 0.01 15 2.435366 0.7634558 1.935705  
## 0.01 20 2.346376 0.7801847 1.850974  
## 0.10 1 2.580129 0.7336990 2.000459  
## 0.10 10 2.528971 0.7492960 2.003431  
## 0.10 15 2.309856 0.7879857 1.823430  
## 0.10 20 2.289300 0.7922572 1.799799  
## 0.50 1 2.620985 0.7251648 2.034073  
## 0.50 10 2.389468 0.7734132 1.893293  
## 0.50 15 2.248817 0.7979988 1.778851  
## 0.50 20 2.257951 0.7973906 1.768133  
## 0.90 1 2.649162 0.7195330 2.057453  
## 0.90 10 2.339031 0.7803865 1.849270  
## 0.90 15 2.247236 0.7980673 1.774157  
## 0.90 20 2.248629 0.7989807 1.770371  
##   
## Tuning parameter 'bag' was held constant at a value of FALSE  
## RMSE was used to select the optimal model using the smallest value.  
## The final values used for the model were size = 15, decay = 0.9 and bag = FALSE.

marsModel

## Multivariate Adaptive Regression Spline   
##   
## 200 samples  
## 10 predictor  
##   
## Pre-processing: centered (10), scaled (10)   
## Resampling: Bootstrapped (25 reps)   
## Summary of sample sizes: 200, 200, 200, 200, 200, 200, ...   
## Resampling results across tuning parameters:  
##   
## degree nprune RMSE Rsquared MAE   
## 1 2 4.420600 0.2049915 3.619816  
## 1 3 3.701246 0.4408654 2.951090  
## 1 4 2.799544 0.6800991 2.225051  
## 1 5 2.538474 0.7359840 2.028529  
## 1 6 2.392972 0.7670752 1.895457  
## 1 7 1.997878 0.8371559 1.571951  
## 1 8 1.876575 0.8570992 1.467108  
## 1 9 1.812964 0.8663208 1.420100  
## 1 10 1.782912 0.8704084 1.399319  
## 1 11 1.771684 0.8718386 1.386223  
## 1 12 1.787483 0.8701198 1.395825  
## 1 13 1.805686 0.8678252 1.407169  
## 1 14 1.804984 0.8683606 1.410113  
## 1 15 1.831547 0.8648770 1.433968  
## 1 16 1.839945 0.8637020 1.438650  
## 1 17 1.834362 0.8644089 1.434148  
## 1 18 1.834362 0.8644089 1.434148  
## 1 19 1.834362 0.8644089 1.434148  
## 1 20 1.834362 0.8644089 1.434148  
## 2 2 4.424916 0.2035789 3.628878  
## 2 3 3.680817 0.4479081 2.941723  
## 2 4 2.858745 0.6646861 2.265031  
## 2 5 2.589553 0.7239981 2.070119  
## 2 6 2.464649 0.7530842 1.944510  
## 2 7 2.090644 0.8201211 1.642564  
## 2 8 1.917597 0.8491333 1.508119  
## 2 9 1.808609 0.8641337 1.419806  
## 2 10 1.697999 0.8803917 1.328664  
## 2 11 1.600188 0.8932347 1.251957  
## 2 12 1.554919 0.8988995 1.222037  
## 2 13 1.482903 0.9082352 1.153521  
## 2 14 1.529860 0.9025187 1.186956  
## 2 15 1.551420 0.9004952 1.202656  
## 2 16 1.564789 0.8995960 1.211800  
## 2 17 1.555896 0.9007856 1.208746  
## 2 18 1.553024 0.9011837 1.207791  
## 2 19 1.566099 0.8996463 1.214404  
## 2 20 1.566099 0.8996463 1.214404  
##   
## RMSE was used to select the optimal model using the smallest value.  
## The final values used for the model were nprune = 13 and degree = 2.

pr.nnet <- postResample(pred = nnetPred, obs = testData$y)  
postResample(pred = nnetPred, obs = testData$y)

## RMSE Rsquared MAE   
## 1.894755 0.856176 1.441820

pr.svm <- postResample(pred = svmPred, obs = testData$y)  
postResample(pred = svmPred, obs = testData$y)

## RMSE Rsquared MAE   
## 2.0864652 0.8236735 1.5854649

pr.mars <- postResample(pred = marsPred, obs = testData$y)  
postResample(pred = marsPred, obs = testData$y)

## RMSE Rsquared MAE   
## 1.3227340 0.9291489 1.0524686

modstat7.2 <- as.data.frame(rbind(pr.nnet, pr.svm, pr.mars))  
modstat7.2 <- modstat7.2 %>%  
 mutate(Model = c("NNET", "SVM", "MARS")) %>%   
 dplyr::select(Model,RMSE,Rsquared,MAE)  
varImp(marsModel)

## earth variable importance  
##   
## Overall  
## X1 100.00  
## X4 75.40  
## X2 49.00  
## X5 15.72  
## X3 0.00

#### Response

KNN, SVM, Neural Network, and MARS models were used for testing performances. Since the KNN model code was given as an example and did not perform as well as the others, we leave its performance statistics out.

Based on RMSE, the MARS model performs best. It also appears to select the informative predictors (X1-X5). A table of these statistics is provided to compare each model we created.

| **Model** | **RMSE** | **Rsquared** | **MAE** |
| --- | --- | --- | --- |
| NNET | 1.894755 | 0.8561760 | 1.441820 |
| SVM | 2.086465 | 0.8236735 | 1.585465 |
| MARS | 1.322734 | 0.9291489 | 1.052469 |

## KJ 7.5

Exercise 6.3 describes data for a chemical manufacturing process. Use the same data imputation, data splitting, and pre-processing steps as before and train several nonlinear regression models.

### Part A

#### Question

Which nonlinear regression model gives the optimal resampling and test set performance?

#### Code

# Recreate RMSE from 6.3  
########################  
# Part A load the data  
library(AppliedPredictiveModeling)  
library(reshape2)  
library(dplyr)  
library(Metrics)  
library(caret)  
set.seed(0701)  
# Load the data  
data(ChemicalManufacturingProcess)  
df = data.frame(ChemicalManufacturingProcess)  
# Part B Fill in missing values with the median of each feature  
for(i in 1:ncol(df)){  
 df[is.na(df[,i]), i] <- median(df[,i], na.rm = TRUE)}  
# Part C Correlations and Modeling  
cormat <- round(cor(df),2)  
melted\_cormat = melt(cormat)  
melted\_cormat\_df = data.frame(melted\_cormat)  
# Filter to only Yield and sort in descending order  
yield\_corr <- melted\_cormat\_df %>%   
 filter(Var2 == "Yield")  
yield\_corr$absvalue = abs(yield\_corr$value)  
yield\_corr2 = yield\_corr[order(-yield\_corr[,4]),]  
# Create Train and Test data sets  
bound <- floor((nrow(df)/4)\*3) #define % of training and test set  
df <- df[sample(nrow(df)), ]   
train <- df[1:bound, ]   
test <- df[(bound+1):nrow(df), ]   
#Create the regression model  
lmyield = lm(Yield~ManufacturingProcess32 +   
 ManufacturingProcess36 +   
 ManufacturingProcess09 +   
 ManufacturingProcess13 +   
 BiologicalMaterial02 +   
 BiologicalMaterial06 +   
 BiologicalMaterial03,   
 data=train)  
# Part D Predictions  
# Predict with the test data  
lmyield\_test = predict(lmyield, newdata = test, interval ='prediction')  
lmyield\_test\_df = data.frame(lmyield\_test)  
lmyield\_test\_df$actual = test$Yield  
lmyield\_test\_rmse = rmse(lmyield\_test\_df$actual, lmyield\_test\_df$fit)

# Apply 6.3 to 7.5   
########################  
# Create Train and Test data sets  
set.seed(0701)  
bound <- floor((nrow(df)/4)\*3) #define % of training and test set  
df <- df[sample(nrow(df)), ]   
train <- df[1:bound, ]   
test <- df[(bound+1):nrow(df), ]   
# Create the train x and train y datasets for HW 7.5  
trainx = train[,2:ncol(train)]  
trainy = train$Yield  
testx = test[,2:ncol(test)]  
testy = test$Yield  
# K-Nearest Neighbors (KNN) Model  
mod.knn <- train(x = trainx,   
 y = trainy,   
 method = "knn",  
 tuneLength=10)  
# Radial Supper Vector Machine (SVM) Model  
mod.svm <- train(x = trainx,  
 y = trainy,  
 method = "svmRadial",  
 tuneLength=10)  
# Multivariate Adaptive Regression Spline (MARS) Model  
marsGrid <- expand.grid(.degree=1:2,   
 .nprune=2:10)  
mod.mar <- train(x = trainx,   
 y = trainy,   
 method = "earth",  
 tuneGrid = marsGrid)  
# Tabulate results  
mod.compare <- resamples(list(  
 KNN = mod.knn, SVM = mod.svm, MARS = mod.mar))  
summary(mod.compare)

##   
## Call:  
## summary.resamples(object = mod.compare)  
##   
## Models: KNN, SVM, MARS   
## Number of resamples: 25   
##   
## MAE   
## Min. 1st Qu. Median Mean 3rd Qu. Max. NA's  
## KNN 1.077845 1.2670185 1.3475627 1.3448717 1.385247 1.542073 0  
## SVM 0.641358 0.8853519 0.9346716 0.9737669 1.037647 1.454771 0  
## MARS 0.911559 0.9945572 1.0656923 1.0832752 1.164013 1.322374 0  
##   
## RMSE   
## Min. 1st Qu. Median Mean 3rd Qu. Max. NA's  
## KNN 1.3153774 1.555852 1.651496 1.658807 1.749694 1.876011 0  
## SVM 0.8496792 1.133595 1.222412 1.265242 1.376083 1.764116 0  
## MARS 1.1350328 1.250174 1.353009 1.358553 1.451467 1.710016 0  
##   
## Rsquared   
## Min. 1st Qu. Median Mean 3rd Qu. Max. NA's  
## KNN 0.12978422 0.2040849 0.2375602 0.2440091 0.2935890 0.3425642 0  
## SVM 0.03787409 0.4937108 0.5928022 0.5595373 0.6750067 0.7242868 0  
## MARS 0.30190542 0.4604769 0.5379582 0.5138579 0.5813774 0.6426730 0

# Create performance function for testing   
ModTest <- function(x, testdf, testtarget) {  
 method <- c()  
 res <- data.frame()  
 for(x in x){  
 method <- c(method, x$method)  
 pred <- predict(x, newdata=testdf)  
 res <- rbind(res, t(postResample(pred=pred, obs=testtarget)))  
 }  
 row.names(res) <- method  
 return(res)  
}  
x <- list(mod.knn, mod.svm, mod.mar)  
ModTest.Results <- ModTest(x, testx, testy)  
ModTest.Results <- ModTest.Results %>%   
 mutate(Model = c("KNN", "SVM", "MARS")) %>%   
 dplyr::select(Model, RMSE, Rsquared, MAE)

#### Response

KNN, SVM, and MARS models were trained, summarized, tuned, and tested with the chemical data. The SVM model performs the best in its R squared value and has a lower MAE. For this we would use the SVM model. However, the MARS model produced a lower RMSE in our prediction test. See the model test results table based on predicted data for more descriptive statistics.

| **Model** | **RMSE** | **Rsquared** | **MAE** |
| --- | --- | --- | --- |
| KNN | 1.634191 | 0.1624915 | 1.2401878 |
| SVM | 1.115972 | 0.5943372 | 0.8672044 |
| MARS | 1.173855 | 0.5498068 | 0.9040343 |

### Part B

#### Question

Which predictors are most important in the optimal nonlinear regression model? Do either the biological or process variables dominate the list? How do the top ten important predictors compare to the top ten predictors from the optimal linear model?

#### Code

library(caret)  
imp.svm <- varImp(mod.svm)  
imp.mar <- varImp(mod.mar)  
impsvm.tbl <- imp.svm$importance %>%   
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,6)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
impmar.tbl <- imp.mar$importance %>%   
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,6)) %>%   
 dplyr::select(Rank, Predictor, Importance)

#### Response

The process variables dominate the list regardless of how we review the models. The top ten most important predictors are majority process based. If we assume the SVM is our best and review its predictors we can produce the following rank for each predictor with its importance score:

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | ManufacturingProcess32 | 100.00000 |
| 2 | ManufacturingProcess13 | 89.32571 |
| 3 | BiologicalMaterial06 | 79.13916 |
| 4 | ManufacturingProcess17 | 73.38729 |
| 5 | BiologicalMaterial12 | 65.97102 |
| 6 | ManufacturingProcess09 | 64.97334 |
| 7 | ManufacturingProcess31 | 61.88981 |
| 8 | ManufacturingProcess36 | 61.33830 |
| 9 | BiologicalMaterial02 | 57.52609 |
| 10 | BiologicalMaterial03 | 57.22162 |

Alternatively, we can perform the same calculations on the MARS model if it were selected as our best and there would only be 3 predictors with ManufacturingProcess32 of most importance. Our MARS ranking would look shorter.

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | ManufacturingProcess32 | 100.00000 |
| 2 | ManufacturingProcess09 | 49.96277 |
| 3 | ManufacturingProcess13 | 0.00000 |

We note that the methods used to determine the optimal nonlinear regression model are different than those of the optimal linear model. For example, our varImp function in the caret package of R does not contain a method for selecting model type when evaluating predictor importance. Instead, it seems to filter the variables through regression, fit a LOESS line from predictor to outcome, and calculate an R squared term for each predictor. It then orders the predictors by R squared value in descending order, arranging the highest (and most important) predictors at the top. This is not the same for all model types.

### Part C

#### Question

Explore the relationships between the top predictors and the response for the predictors that are unique to the optimal nonlinear regression model. Do these plots reveal intuition about the biological or process predictors and their relationship with yield?

#### Code

library(ggplot2)  
library(tidyr)  
impsvm.df <- impsvm.tbl  
df %>%   
 dplyr::select(c(impsvm.df$Predictor[1:10])) %>%   
 tibble::rownames\_to\_column("Yield.chr") %>%   
 mutate(Yield = as.numeric(Yield.chr)) %>%  
 dplyr::select(-Yield.chr) %>%   
 gather(key, value, -Yield) %>%   
 ggplot(aes(value, Yield, color=key)) +   
 geom\_point(aes(alpha = 0.25)) +  
 geom\_smooth() +   
 geom\_smooth(method = "lm",   
 linetype = "dotdash",   
 color = "black", se = F) +  
 theme(legend.position = "none") +   
 labs(x = "Value", y = "Yield", title = "Relationships of Top SVM Model Predictors with Yield") +   
 facet\_wrap(~key, scales = "free", ncol = 5) +   
 theme\_minimal() +   
 theme(legend.position = "none")

![Chart

Description automatically generated with medium confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD6RXhpZgAATU0AKgAAAAgABAE7AAIAAAAQAAAISodpAAQAAAABAAAIWpydAAEAAAAgAAAQ0uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFphY2hhcnkgUGFsbW9yZQAABZADAAIAAAAUAAAQqJAEAAIAAAAUAAAQvJKRAAIAAAADMTIAAJKSAAIAAAADMTIAAOocAAcAAAgMAAAInAAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDc6MTcgMTE6NTY6MjIAMjAyMTowNzoxNyAxMTo1NjoyMgAAAFoAYQBjAGgAYQByAHkAIABQAGEAbABtAG8AcgBlAAAA/+ELImh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjEtMDctMTdUMTE6NTY6MjIuMTE2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPlphY2hhcnkgUGFsbW9yZTwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCANXBfUDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooooAKKKKACuT8Q/E/wj4V1htK13U5Le9WNZWiSynlwrZwcohHOD3rrK8s1HTfFN/8AFnxKfCPiC20iSPTrHzFuLEXAmP77aMlhtxg9j19qTuPo/wCup3PhrxfoXi+zkufDuoLeRxNskHlvGyH0KuAw/EVsO6xxs7nCqCSfQV4bbalq+k/D/wAYa417LP4wWRLfUFaNIBb4IUMmMjbtJIc/UgYqv4Ln8Qaf4tsIv7OnsLK/tp/tQu/E8OofacRlg6Rg7lIOPu8YJ4pvy7fpcR7jpWq2et6XDqOmTefazgmOTaV3DOOhAPUUuoanZ6XFFJfzrCk0yQRkgndI7bVXj1JrwhpbnUfCHhPQrH7Q8j2c1w8f9rDT4NokIDM4BdiD/CtU7K2/4SH4Z2Ca/qsk/wDZfixLJJrW/kKCJpUBxIcFgAflZuR1ppXlZd/1S/UT0V3/AFo3+h9A2mq2d9e3dpayl5rJwk6mNl2kjI5IwePTNXK8X1rU7uym8SWcWq3FnZvq1laSXQkLGCFowGIY/dzwM++aLhI/C+sa3onhnXry/sJvDl1eTxzXbXDWky4EbiQkldwZuM/w1Dlpf+trlJXdv63se0UV45oehTeHbrwRq0GuapcXGqxrHfC6umkjkBh3fdJwuD6Vz+k3ep6B44sNU1ie71GC61IQjV9M1tZ4ZxI21Y3tW5UZIyVwRt4zVtWly/Ijm93m+Z7rpes2GspcPps/nLbTvbSnYy7ZF+8vIGcZ6jinQarZ3Oq3WnQys11aKjTIY2AUPkr8xGD0PQnHevE/+Edebwz4s8RRavqNteadrNxJaJb3BSJCGXOVHDZ96seONYv4LLxrOmoz27Q2ukSJIshHlFpV3MB2z39alO6T72/Ev7TXn+tj3CivIIIoPDXjO0tPDXim6vE1OwuJb1ru7NwkRCZW4yfufN2GBz0rG8AXWo6F490uLWvtsx1QyQpqFrrS3trettLBmiPzRD5SQRjr6U1q7Et2Vz3iq9/f2ul6dcX2oTLBa20bSzSv0RQMkn8K4z4m3L/8SLTJtTm0vT9SvvIvLmFyjbdpITf/AA7iMZrgfEenWsPh7x14c0/Wb3UdIsdKF7Hvu2ka3nw37syZyykAEqT3qW/db7fpqWlql/Wrsew6H4r0bxJoT6zo1089ghYNK1vJGflGT8rqGP5Vyx+Onw8WTyzrkwfrt/sy7z/6Krp/CGlQaL4Q02xtHmeJIFYNPK0j/N8xyx56n8BWJff8lt0r/sDT/wDoxa0krVOX+tEzOLvDmOt0+/t9U022v7FzJbXUSzROUKllYZBwwBHB6EZqxXmfiu3tvEXxNOha/rV1pum2+lrdW8NvdNbefIZGDMXBGdoC8e9cj/aM2pweGdNvvEt2mmvqt5ZDUEmMb3MCqNoL989N1Sve2/rWxT03/rS571WB4l8ceHPCHlf8JDqaWrzDMcaxvLIw9QiAtj3xXN/DlxYeKPE2gadqdxqmj6ebdrea4mMxhkdWLxeYfvYwp68bql8Qw6fN8Qkm0zxHDo/iKGzCsl3aiSOWEtnjcVyc/wB1s+tD6W/r+v8Aggut/wCv6/4BuWvj/wAMXuk2+p2urRy2dxdLaJKsb/LM3RHGMoen3sdR6itTVdZsNEhgl1OfyUuJ0t4sIzlpGOFXCgn8elee6XaweLofGfh29tdOXUVaFptR0vPlXDshMb4Odsi7RkZPY5qTQdQk8b65oKXoYS6DE0t/Gen2ofuwD+RYfUU9G7en3df680LZf1v0/r1O40PxJpHiSCeXQ76O7S2mME20EGNx1UggEU6y8Q6VqWr3ul2N7HPe2GPtMSA/us9ATjGfbNeM+Dtci8CWo1q5+Ww1f+0IJCAf+PqCeR4h9WQuP+AgV1Pw306bTPHWtRXv/H5LYW090fWVyzN+ROPoKUdben4/1+g5aNrz/C/9fid3deJdHsvEVpoV3fRw6lexmS2t3BBlUdcHGM8HjOadq3iHStDltI9VvY7aS9lENujAkyuewAFebfEaxnvPiZDNYJuvrDw9LfWg7mSK6icD8QCv/Aqztf1eDxpqOmeIrNt+n2+o2dtaEjq7fPIfqMqPzoh7yXr+F7Dlpf0/G1z2yivFr63stdbxXrWv+LL7S9R0i8mitUivDClmiDMZ8vOHz15BznFFpO/jPXLNPGOuXekGDQ7a9hhgujbB5XBLyHpnGBweKSd1f+tU3+gNWf8AXRpfqeu6XqtlrViLzTZvOgLsgfYy8qSCMEA9QaTVdYsdEshd6pP5EBkWMPsZvmY4UYUE9TXz/NqmsL4H8KaTpaT6lZahdXpnMOpJp7XRRyVXzm6ZyWwOTj2q5aXWtf8ACG6tp+qwNbW1rqdkba3l1ePUJYdzjcpkQ5xwCN3PWqWr/ruLZXPddX1ey0LR7rVdVm8iytIzLNLsZtijqcKCT+ArltM+L/gbV9RhsbLWz9onYLGJ7OeFWY9BudAM/jUnxZz/AMKh8S46/wBnyfyrEuvDnxB8WW9tp3it/DFppQljmkfTjPJOdhDAL5igDOOvakt9Qfwp+v6HplFePm1vBqPjrxHDd31xfaJLMdOtBcN5Kt5GeUBw3J6H0rlfB1/4mt9c0DUYrG4jOoSoLq7uvFUF0l6rDJxAMYPcBelEdbfL8dgeiv6/ge/6rqtnommTahqc3kWsIBkk2ltuSAOACepFJbarZ3mpXlhbys1zZbPPQxsAu8ZXkjByPQnHevBdZgtdS+H+reI9R8T3Y1uS9MElm13mMATACHyenQZzjPGa6XxPq19a6v41ii1Ge0gM2lwNMrn/AEaKRMSMvZeD1o6f15f5h1aPWdQ1C10rTp7/AFCZYLW3QySyMDhVHU8VMjrJGrocqwBB9RXkPinw3oVp8MfFOm6b4kvdRSG2+0/Zn1AytAQOPmzu2t6E4om0vTdR8Tab4X1DX76z0S00OO6tFjv2ja5kMjBmM2cttAHGf4qOtv62b/QOl/63X+Z7BRXhkEt5r9j4e0h9dvprE61c2aXsMpSS4t1Q4BcdfTd7VU8b6bqWleJrqSyubnVtM0yCJIo7LxB9nutMCoCS8b8Sk/e5yTntSulqw/r8bHv1Fc/KP+Eq+Hn+hzXETahYBoZX+SRWKZUnHQ5x0rymLxlfTatpPi+a+mj0zRIoNN1GDd8jTTJJ5jMM9VfyB6/Mab0k0/6/p6fMFrG6/r+v0PabjWLG01KKwuJilzLE0yL5bEFF+8d2MD8TVaLxRo08mkpDeh21hXaxxG2Jgq7mOccfLzzivLoLK8u5tGtNXu70f2ro95eXMYuGUqzkOAMHjaCBWTo3hy1utN+GOnWeo3kUV2t29xLFclpBm3BdFY8oDjHHQE4xQk+v9b/5CbXT+tLnvtZ9nr2m3+r32l2tzuvrAr9ogZGRkDDKn5gNwPqMj3rlvh1aS6RqPiTQxfXV3Z2F4gtftUpkeNXjDFdx5PPrVT4sWc2k6ZH4z0O5+xaxpxS38zZuWeGaRYyjjIyAXDD0I96Oqt1/Ua1udRJ4y0KOe8hN6zPYzJb3GyCRxHI/3VyFIJ55x074rcrznxTo6eEPhzZ2WmXEwkGo25nudxElw7SDe7EdSx/wrzjxFqXifVvE/iK6/s68lk025eK1uIvE0Nglmqj5SYG+9/ey3BpX6f10/wAxpX/r1/yPoBdYsW1x9HWfN+kAuGh2NxGTt3Zxjr2zmludVsrPUrKwuZtlzfFxbx7GO8ou5uQMDA9cV45qet6xDLdau0ixao3hC3klmgdXCM0g3OpGQRyTkZFW9J0nStI+I/gwaR4iudU+1RXM0sVxdm45MP8ArASTtzyMdOKq2tvX83/kTfS/p+S/zPZKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqtFp9pDqNxfxW6JdXKIk0wHzOqZ2g/TcfzqzRQBnnQdLbULm+awgNzdxCG4kKZ81B/C3YiqOjeB/DHh65muNE0OzsppwVkkiiALA9Rmt6igDn7/AMB+FtU0+1sdR0KzuLazz9nikjyI8nJxUn/CFeGv7HudJ/sWzGn3UolmthHhHcYw2PX5R+VblFAGWvhrRVtrq3Gm25hvFVbhGTIlCjaMg+g4qvpXgvw5oenXVhpGjWlpa3gK3EcUeBKCMEH1GDW5RQBS/sfT9lkv2SPbp+Psox/qcDaNv4cVmQeA/C1tr51u30Gxj1MsX+0rEN271+tdBRR1uHSxnDQNKWwurJbGEW15I0txFjiVm6k+5xWD438ER+IPC+pWWjw2tvf3xtg802QrpDKrAEgE8KpA47119FAGPpHhLw/oEtzJo2kWlk90SZmhiAMmeufb2qHSvA3hfQ9Wk1PSNCsrS9kzuniiAbnr9PwreooDcqappNhrWnyWOrWkN5ayDDxTIGU1QsfB/h7TdCuNGsNHtbfTrlWWa2jjwsgIwQfXitqigBscaQxJFEoVEUKqjsB0FQPptm+qR6i9uhvI4zEkxHzKhOSv0yKs0Udbh0sZGveFNB8URRx+IdKtdQWI5jE8e7afY1i+IfAVrrF/4eiis7EaPpjTCezkXAZHTaAqgY6+pFdjRQFyho2h6X4e09bHRLGCxtVORFAm0Z9frVfXvCmg+J4kj8QaTa6gsf3PPjDFfoeta9FD13DYoaNoWl+HtPFlodhBY2wOfKgQKM+vvT7LSNP066u7mxtIoJ71xJcSIuDKwGMn8KuUUXe4GRJ4T0GXTYtPk0q2e0huftUcLJlVl3Ft498kn8auxabZw6lPfxW6Jd3CqkswHzOq9AfpmrVFAFR9LspNVXUnto2vVga3Wcj5hGSCV+hIB/CqkHhXQ7XTYbC30u3itIJ/tEUKphUkzncB65rWooAwdT8D+GNa1eLVNV0Oyu76LGyeWIFhjp9fxqfWPCug+IXt31vSbW+a2O6EzRglD7Vr0UeQGNc+EPD15of9jXWj2kunbi4tnjBQMTkkDscmktPB3h6x0caVZ6PaQWIkEvkJHhd4OQ3uQa2qKAK2oafaarp09hqMCXFrcIUlicZV1PY1ZAAAA4A6UUUAVbXTLKylupLW2jie7k8ycqP9Y2MZP4Vlab4F8LaPq76ppeg2NrfOSWnihAbJ649PwrfooAwLrwJ4WvtTm1C70GxlvJ12yzNENzjIPJ/AVfk0HSpnvmmsIJDqKql3uTPnBRtUN64HFaFFHSwdbmLpng7w7o2k3GmaXo9pa2V0CJ4I4wFkBGDn1qC78A+FL7RrXSrzQbKaxs/+PeB48rFznj0roaKNwM5NA0mKOxSLT4ETTzm0VUwITjHy+nFUtZ8D+GPEGpRahrWh2V7dxABJpYgWAHT6/jW9RR1uAiIscapGoRFGFVRgAelZDeEdAbTLzTm0m1NnfTm4uYdnyyyEg7j75A/KtiigCpJpVjLfQ3klrG1xBG0UchXlUPVR7HFUNO8H+H9Jkgk03Sba2a2lkmhMa48t5Bh2HuRwa2qKAK9vp9paXVzcW0CRzXTBp3UcyEDAJ/Cm6lpllrFg9lqdtHc20hUtFIMglWDD8iAfwq1RQBWv9Ns9UtxBqFulxErrIEcZAZTkH8DWTqvgXwvrmqR6jq+hWV3eR42zSxAtx0+v41v0UAUjo2nG8e7NlCZ3g+zM+3rFnOz6e1Z+l+CPDOiXa3Ok6JZ2c6O0iyQx7SGYYJ/EcVu0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUdKACiiigAooooAKKOtFABXI+K9UvbbxLpdhb3upWtvPbXEsn9m2qTyMyNGFyGjfC/M3QelddWZqnh6w1e6gubv7Sk9ujJHLbXcsDBWwWGY2GQdo6+lHUZymmeNriGHOoma5aK2nc7lWJnKTiNQ6bcq5BGcEDr8vpdbxTqD6xptjcW8djP/aHkXccUvno6G2klXDlVPULngdMcitiPwpo0SlVtN2YHgYvK7FldtzZJOSSwzuPOe9OtfC2k2bQNFBI0lvP9oSSWeSR9+wpkszEt8rEYJIFMXf+uhj2/jp2s/td5pghhuLM3tkY7je0seQBvG0bGO5TgFhyeeKQeLb8axbWGp6ctlL9sWF/s92JkZWgeTJLRg/w9Bg5744OkPCOmW9rdx2EKpJcRNEv2lpJo4lJztVC42rnnapUcD0qpoHgiDS28/Ubj7fdicTpIPMVUIQxjAeR2Pykj5mPXtSG7Bb+K9Rn0IaudHt4rO4hWa0kk1ALuVunmZT5Dgg4Xf3HXrz+o+PtQutLlutNaO1aOyv2YRkTIZYQu1lZkBI5PUD3FdV/whOhCJovs8wQkeWou5f3GDuAi+b92AccJjoKF8E6CIJImtZZFlSVJDJcyuzCUAPli2cnA560aXGmkzBt/Fepy614etPOUgxypqS7FHmyqkgGCR8vzRMeMdR2qvqPxB1KWC4t9NtLKO9hkt2BS9MibHmCFWPlcN243DByCcV1w8K6MLp7n7EPNkmMzHe3LmPyicZx9zjHTv15qovgTQVjkT7PcsHjWPL3szFFVtyhSXyuCMjGMU76pslaIzYviGsutXNmLBTFDJPCsiTsXMkQO7cmzCqSrANuPQcDNPsvF99cZnubCOFm05LyOD7apjwzYG5jGpB9eSPQE1sjwtpKXs135Mu+bdvU3Mnl5YYZgm7aGI6sBk5PPNEvhXR5oPJktCUFslqMSuCI0OVAOcgg856+9LoPQ5uPx3c38lmbeOGEx6hLa3KQSGaOULaNMNrMit1K54ByCORUmn6rrku22bVI2kvdOjvhcTxootNzDcF2qAQFJxuzyOSa3bTwjo9nOs0cE0konNx5k9zJKxk8sxbiWY5+Q45/pUTeB9BawuLM203kXACuPtUuQoOQqtuyqg/wrge1Av6/EXwpd3l3Dem4vJdQs1nAs7yeJI3mTaNxIQKpAbIBCjI9ep36paZpNvpEDQ2sl06Mc/6TdSTkewLsSB7CrtNgFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK4jX9X1BPGFxYQ6hq9tBFYRTImmWUc+XZpAS5aJyB8ox07129ZGoeGdO1LUTfzm8iuWiELPbX00G5ASQCEYA4LHr60mPoc5pXja7lsEeaEXV5Ja2ZSMSCKJpptwI+6WTleclvYeskvjaaDUFlvYvs1vaWd9JfW8ZEmXgMf3XIBIwWxwM55Fbv/CJ6L9nkgSz8tJIo4j5cjIVWPOzaQcqRk8jBp8HhfSIBHttN/lxSxZlkZy6yEGTduJ3FtoyTk1T3b9QVjLPi69gWa2vtIii1MCAw28d4Xjk80lVzJsBUgqc/Ke2M1UPjmW3unbVbF7UWkN288VvcLKreTs5BKAnO7jlfcHtpXHg6zXRbmy0siKWfYDPePNcsoT7oDearjHOMOME0mjeCrHTrQLfkahcsJhJK4bawlxvXazMSDtH3ix96XVi9Rt34j1jTtMNxqOkWNvIWUJu1P90VIyct5e7IxjAQ9RzjOOZ1Txvq99p73GhyraNNa2zQqVWQLI9z5bHJXkEeo/AV1v8AwhWi+WqlLsujBkmN/OZUwCAFk37gMEjAOOTTovBmhQRLHHaNtUIBunkJ+STzF5Lf3+fenpcOhiQeMLy58VH7OVfTV0lpxAxVN0w8piS56ALKB6ZBquPHWp6jfWNvYW1lGy6klvdeXdtIjI0bNhWMQOePQcgDPOR0q+DtCWN41sQEkSZGHmNyJXDv37sAfbGBgUyHwZosDiRYrl5RMkwlkvZnfegIU7ixPQkY6EHFH9fiHT+uxgW3xOW5sby6j0xXjitWurcJcMS6qwG2TMYEbEEEAFx154q+PFV9A2p/abSFZ7UwgxSXwEKb1J4fyg36MSegxWkng7RUiuYhbytFcoY2ja5kZUUtuKopbCDPZcdqlu/DGk30k0k8DiWZ0kaSOd43DIMKVZSCpAJHGKXQehyk3j28uYIr2yWOKM6dfSNED5qGaGaOMMG2qSvLHoMg8itW1n1eSbU9JfWZ2ey8qX7alrG87IyklVULszkcHaeOx61pW3g/RLVNsdozjy5oz5szyblmZWkzuJzuZQcn+ppY/CWkxWLWscdwqs4cy/a5fOyBgHzd2/gcdaOn9dxCeEtQudS8PpLfuZLiOWSJ2dAjna5A3qAAr4AyAAAa26q6fp1rpVp9ns0KR7i7F3LszE5LMzEliT1JOatU2AUUUUgCiiigAooooAKKOvSigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK81/4SXVkuLi5OpapmLVvs3lNYRmyEXniM7pBGGGFPXf1x16V6VWEPB2jrdPNsuiHn+0NA17MYWk3btxi37Pvc9OtC3uD2sZUPjK6a0H2Sw+2ThruSUXF0I9kUMzISCseCeBhcD3Y9S228YXct3drbQrdvcXkMFhBK4hVd0Albc4ViAAGPQ+lbM3hDRp7eOFreREjkkkHlXEiEmRizglWBKkkkqePapJvC+kTRTRm2aPzpElLRTPGyuihVKspBUgDHy44z60Ibt0/rsZTeMrua1jFhpMct6q3DXMEt35aR+Q+x9rhDuy3TgZBycdKhtfGlxcSOlvYmS6uJ4YbeCa4Cxqzw+YcuseQAAezEn0zxY1rwSl9p9pZaVcQ6fFbhwzsk0kjB/vfOsyEkkknfuyeSDV6PwfpEdj9m8mTkxsZVmdJAyKFVlZSCpwMfLjqaEBmaz41u9BhgfUdLtYWKBp421DLA7iuIwqHf0zltnUd8gZX/CW6sniWzje6X7F9vuYp0MajMalFTnGRguDn866ObwNoM6BZLe4A8vy323ky+cu4t+8w3znczHLZOSfWpZvB+hTxyJNZ7lmWVXBmfkS439++0fTHFNBpsc9pPjLUzpur3t0Le4C6lstVuJRbpFA0McqAkKzEgP2Vjk+nSFPiHeGeXUmtYf7LXTlmWIT5YymYxjny/uk9/TnGeK6mbwlo8yuDbyRM04uN8NxJG6yCMR5VlYFfkULgYH51HH4L0KKHyktJAnktAQbiQ5Utu5+bk7uQeoPQil/X4f5h/X4mVa+O7m+itY7TSoZLue9e0K/a2EIxEZd6yGLLDbx90c5Haornx5Lpvh2LUXtYZV/fPJ9qvQj4R2GFCRHccDjIUdMt3ro7Xw1plp9nMcUrvbzNPHJNcSSPvZChJZmJb5TjnOOPSqtx4J0K4gWKS3mSMI8ZEV1LHvR2LMrFWG4Ek8HIpvyBeZjDX9U1HVJ9Pt717RZtWFvFOkSF4YhZrOQNwKklsjLA8E+grPfxbrV3ZQCN7mI28E0tzc2kMLbvLlKbmWTjbhckLhvTFde/hLR5LaWH7PIoknW4LpcSK4kVFjDK4bcp2qBwRkZ9TSz+FNIntbe3a3kSK3UoixTyR7lPJVtpG8E9Q2Qe9Gn9egvU07aUT2sUqsHEiBgwGM5HXFS0iIsaKiAKqjAA7Cl6daTEtgooooGFFFFABRRRQAUUUUAFFHXpRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA2QlY2I6gEivN9E8TarI2kXFxqOqTfbJ3injurCNLYDa5HlyLGp3ZUAZZgeeK9JIDKQehGDWHZ+DtGsZYmgS6ZYGLRRS3s0kcZIIyqM5UHBPIHGaWo9LGPaeOLh9IsrqPT/tES6fb3d7LLchZIxKONoWMK7cEn7g9PSn2PirUpd1tbW0WoXs15dLEk032dFhiYDllRufmUDjnPJrWPg7RClmgtXWOzhSCNFuJArRp91XAbDgY/izT5/Cmk3EHlGGWP9884eC5kicO/3sMrAgHuM49qp21sL+vwMiXx1NNp6X2j6SLq3WyivJ/PufJeNZCQqqArBm+Vs8gcdTmltvFt5cSfZNPsRd3stzcKiXN0IkVIiM/OsZP8QAG0+5p2ueBk1We1S0uILCxhhWBoYoZA7RqchQVlVMDsGRsc+tacvhPSJYfL8mWIiV5hJBcyRyBn+9h1YMAe4zijQDNv/Gk2naxa2V1YQRCd4oiDegzI7gdEVSpAJxkuCcEgEYzh6Z411RNVtpNTuRJYmwkklQRqCZA8m05Az92MjFdU3grQmuFlFtMm1o38uO6lWMtGAEYoG2kgKoyRngU4+DdCMaobHKqEABlc8LJ5i9/7xJ/TpRoHQ5zT/GmqWPg6C91VbS7uzcXaTST3At1AimZQFCoxJwAOmOOSO7U+IF7BLf3VzbQNaSNarYxvOV2mWPed5EZIGATkbvTFdLP4O0WeNEME0YjaZg0N1LG37198gJVgSrNztPHTikHg3RBE8cdvLGrJGv7u5kUr5fCEENlWA43DnHekPQyo/HFzfR2K2WmLvuba5nmZ7koIRC6o2wmM78lsqSBkYzjNMm8ePY2mlSTWsMkV3Fbs7S3gExMmBwix4OCeclPYV0MPhvS4PJ2QMTDBJbozzOzbJGDPkk5JJUHJyffmqkvgjQpvLDW0yrGkceyO7lRWEeNm5QwDYwOTmmrf18/0sLoYOoeIPEQ8AajqemzWouLa6vFeedcmOOOZ1UKgGGOFAySMdTu6Vo6/d6vb30TWeqeXLIYxa6fDCj+fz85k3LuAA6FWXHv0ra/4R/TTo1zpX2c/Y7ppGlj8xvmMjFn5zkZLHoarz+E9LuNYbVCb2O7ZVVngv54wQvQFVcDH4Uuo3/mbIztG7rjmloAwMUUCCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArg7vxTqlrr3iSzM6lUVItNBjX93KVjHPHzDdKp5zwDXeVlTeGdJuNQ+2zWm648/wC0by7f6zy/LzjOPu8Y6d+vNJjRzCePbnT/AA7ot1fwW1y1zZW8txK90I5HZwM7I1Qg8nPJQelaFv40uZdTjil0qOOzlvZrKOcXWXMkaM2SmzAUhDzuzntVuXwPoMsUUbW0yRRQR24SO7lRWjT7gYBgGx/tZq9F4d0uEwGO2wYLl7qPMjHErKys3XnIZuDxzVS1vbzF/X9fM5PW/HeoN4WtrnR7OOC7vtLS/R5J8iHcyDb9whiN/Ujt0rQi8YT2Wu2Wj6jDA7TMYTMt4HmLiMuWKLGq7flPcHp8oq9F4F8PwxtGtpKyGLyAr3UrBI9wbYoLfKoKjAGAKn/4RHR/7UW/EMwmSf7Qqi6l8sSYIL+Xu25IJ5x3odugdDnr7xd4hn0zStQ0/Sra3s9QuYDFK97lnhdujr5fyMQR0LAc88c2p/H/AJGiw6gdNz5tldXZjE/TycfLnbznPXt71pL4K0NRhbeYKrK0a/a5cQ4bcBGN37sZA4XA4pv/AAg2gfvd1rKyyxSwlGupSqpJ99VUthQcdsUaD0uZk/jHUbO9min0xHuilmEtlvQYlM8kij5/KDZwoJzkdh0ybUPi2+uo4re20qBtTa4lheBrwrEvl43ESeXk9Rj5R+Fa8/h3TLi8N1Nbbpj5PzeYw/1TFo+M9ix+uec1m6z4SW+tQmkTQWMhuHuGmkSZ23MMNtMc0ZGe4yQfSkxL+vuOb/4SrVNY1MtBPq9gjaXb3UVrp1rFcgSO0oId2ibj5FH8PeteLxhqdrBcrqWlxGSxhgWZxc7TJPLgKoXaQBk8ndx6GtvQvDdj4ft4ktAzSpaxWrTMxy6R7tvHQcux4Hep5tC064+3edb7vt4UXGXb59owMc8EeoxTel7B1+79DG/4S293fYf7Kh/tj7Z9k+z/AGs+TnyvO3eb5ecbP9jOeOnNVrzx7JYa1Dp11papMBF9pX7SWaMucDYAhDgdSSV47dq2R4T0gaf9kEU+3zvP877VL5/mYxu83dvzt+XOenHTikHhLR1nglWCZWgAAC3MgD4OQXG7DnPOWzR1DoU7TxbNceJptLksI4VQyhCbk+c2zofLKAbWHIKuxxjIHOM4eNry90e9eO1gsrmMxqm2cytHvcL86Mi7WGenzLnua6CLwtpUWoG8EMzSZdlSS5keONnzuKxliqkgkZAHU+tRweEdGgt7iAQSzJPGIn+0XMkpCDkKpZiVAPIAxjFL1Dqc5deINatZJdFinur26XVFtFvIY4ROYzbefwGAiDZG3JGMc4zXVeG759Q0GCaadriUFo5HeNY23KxUhgpK5BGDjgnkYHFRr4W0pdNNksUwQzeeZRcyed5nTf5u7fnHGc9OOlaNlZW+nWaWtnH5cUecDJJJJySSeSSeSTyTT6AT0UUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigApkn3R/vD+dPpkn3R/vD+dAD6KKKACg9DRQehoAbF/qU/3RTqbF/qU/wB0U6gAooooAYv+tf6D+tPpi/61/oP60+gAooooAY3+sT6n+VPpjf6xPqf5U+gAooooAZL/AKpvpT6ZL/qm+lPoAKKrpfWz3bWyTKZl6pVildMbi1uFMj6v/vU+mR9X/wB6mIfRRRQAUz/lsP8Ad/rT6Z/y2H+7/WgB9FFFABTJOi/7wp9Mk6L/ALwoAfRRRQAUUUUAFFFFABTE+9J/vf0FPpifek/3v6CgB9FFFADZP9W30NKPuj6Ukn+rb6GlH3R9KAFooooAZ/y2H+7/AFp9M/5bD/d/rT6ACiiigBkX3P8AgR/mafTIvuf8CP8AM0+gApj/AHk/3v6Gn0x/vJ/vf0NAD6KKKACmL/rH/Core/tbuV47edZHT7wH+ealX/WP+FTGUZK8XcbTWjH0UUVQhkv+pf6Gn0yX/Uv9DT6ACiiigBh/1y/7p/pT6Yf9cv8Aun+lPoAKKKKAGRf6pafTIv8AVLT6ACiiigAooooAKYP9c3+6P60+mD/XN/uj+tAD6KKKACmH/XL/ALp/mKfTD/rl/wB0/wAxQA+iiigAph/1y/7p/pT6Yf8AXL/un+lAD6KKKACmP96P/e/oafTH+9H/AL39DQA+iiigApj/AHk/3v6Gn0x/vJ/vf0NAD6KKKACmS/6v8R/On0yX/V/iP50APooooAKZL/qz+H86fTJf9Wfw/nQA+iiigApr/wCrb6GnU1/9W30NACr90fSlpF+6PpS0AFFFFADIv9WKfTIv9WKfQAUUUUAFFFFABTB/rm/3R/M0+mD/AFzf7o/maAH0UUUAFMH+ub/dH8zT6YP9c3+6P5mgB9FFFABTF/1j/Ufyp9MX/WP9R/KgB9FFFABTF/1j/Ufyp9UrjU7OxuNl3cJE0hG0N/nge9KUlFXbE2krsu0UUUxhTF/1j/hT6Yv+sf8ACgB9FFFABTI+r/71PpkfV/8AeoAfRRRQAUxOr/739KfTE6v/AL39KAH0UUUAFMi+5/wI/wAzT6ZF9z/gR/maAH0UUUAFFFFABRRRQAUUUUAFFFFADG/1ifjT6Y3+sT8afQAUUVVutSs7KaOK6uEieT7oY/r7D3NBMpRirydi1RUa3ELzNCkqNKnLIGBZfqKkoGmnsMl/1Zp9Ml/1Zp9AwooooAKKKKACmRf6sU+mRf6sUAPooooAKKKKACmL/rX/AAp9MX/Wv+FAD6KKKACiiigApkn8P+8KfTJP4f8AeFAD6KKKACiiigAooooAKKKKACiiigAppUk/6xh+X+FOooArXcxto0dpG2lwrcDgflUjqdoPmMfmHYev0qprX/Hh/wADFVNNvj8ttMcjcNhPbnpQBs7G/wCejfkP8KNjf89G/If4U6igBuxv+ejfkP8ACkKHH+sb8h/hT6ytN8QW2qXkttArBo1LAn+IA4/qKTkk7MuNOcouUVotzQjQ+Un7xh8o9P8ACn7G/wCejfkP8KIv9Sn+6KdTIG7G/wCejfkP8KNjf89G/If4U6igCIKfNb943Qen+FP2N/z0b8h/hSL/AK1/oP60+gBuxv8Ano35D/CjY3/PRvyH+FOooAiZTvT943U+np9Kfsb/AJ6N+Q/wpG/1ifU/yp9AFS9vIrCESXEsmGbaAqgkn8qz5NdxfwQwK8kc23DcAnPoMc471q3VnBexeXcx71ByOSCD7Ec0+KKOGJY4kCoowoA6VDUm9GbwlSjHVXf4DZVPlN+8Y8e3+FP2N/z0b8h/hSS/6pvpT6swOTTQr628YfbYSWheQvvOOA33gffk4/Cuq2N/z0b8h/hTqy9XtNQuZYTYXBiVeoDlcH1Pr9KzUVBOx1SqPEyiptKytcvyMsMZeafy0HVmKgD8cUkQ3hmWUkE5BGOf0qHUdOGo2iRSSFGRg4YDPOCOn4mn6farZ2gt0JYISMnv3q9bmLUOS99SfY3/AD0b8h/hRsb/AJ6N+Q/wp1FMzG7G/wCejfkP8KZtPnD9433fb/CpaikLKzFF3MIyQvqfSgB+xv8Ano35D/CjY3/PRvyH+FZ2j3l7d+d9ug8oKRtOwrn1GD6cc+9adJO6uXUg4S5WN2N/z0b8h/hTJFOF/eN94en+FS0yTov+8KZAoU5/1jH8v8KdRRQAUUUUAFN2N/z0b8h/hTqKAG7G/wCejfkP8KYinc/7xvve3oPapaYn3pP97+goAXY3/PRvyH+FGxv+ejfkP8KdRQBG6Hy2/eN0PYf4UoQ7R+8b8h/hSyf6tvoaUfdH0oATY3/PRvyH+FGxv+ejfkP8KpHWrIar/Zxk/wBI6YxxnGcVfqI1ITvyu9tCnFx3RFtPnD9433fb/Cn7G/56N+Q/wpP+Ww/3f60+rJG7G/56N+Q/wo2N/wA9G/If4U6igCKNTs/1jDk+nr9KrX9/DpyI1xLJlyQqqoJPr2q3F9z/AIEf5morywtr9FW7i3hTlSGKkfiOazqc/I/Z7+ZUeXm97YzLHXDfaqbWNH8vkrICM47MRjgHt9RWs6nKfvG+97en0p6RpGipGqoqjCqowAPSkf7yf739DSpRnGNqkrv7hzcW/dVijq/9oJaKdMdjJu+bAUnHtkY64qxZLcmyiN45E+35wAOv5VZopqnao53fp0Dm93lsc/ofhk6PfzXH2kvvQooA6jOcn8q21U+Y/wC8bt6f4VLTF/1j/hU0aFOhDkpqyCpUlUlzS3F2N/z0b8h/hRsb/no35D/Cs7WjqYWH+y89T5m0KT2x17df0qzc28t3pbQPJ5U0kYDMnQHv+FHtXzSiovT7n6MOTRNvcllU+U37xjx7f4U/Y3/PRvyH+FZ+mae+maZJDJKHJJYBfurx0H8/xNaVXTlKUU5Kz7CkknZO43Y3/PRvyH+FGxv+ejfkP8KdRVkkRU+cv7xuh9Pb2p+xv+ejfkP8KQ/65f8AdP8ASqOs6m2l2qSpEH3Ntyxwq/U1FSpGnFzlsioxcnyov7G/56N+Q/wo2N/z0b8h/hUdpObmzimZDGZFDFW6ipqpNSV0JqzsRRKfLX94w/L/AAp+xv8Ano35D/Cki/1S0+mIaFIPLsfrinUUUAFFFFABTB/rm/3R/Wnk4GTUQkXzm6/dH8J96AIPtWzVWgY8MoK/Wrlc9q0u3Ugy5BCgg7TW1bXSz2ySc/MOcKevegCemH/XL/un+YpfMX/a/wC+TTDIvnKefun+E+1AEtFN8xf9r/vk0eYv+1/3yaAHUw/65f8AdP8ASl8xf9r/AL5NMMi+cvXof4T7UAS0U3zF/wBr/vk0eYv+1/3yaAHUx/vR/wC9/Q0vmL/tf98mmPIu5Ov3v7p9DQBLRTfMX/a/75NHmL/tf98mgB1Mf7yf739DS+Yv+1/3yaY8i5Tr97+6fSgCWim+Yv8Atf8AfJrE8Sa5PpMEBtIvMeViDlCcAD0rKtVjRg6k9kNK7sbtMl/1f4j+dQWN59r0+3uGUo0sSuVAPGRnFSySKU79R/CfWtIyUkmhEtFVH1SzS8Fq84ExxhMHv0H19qs+Yv8Atf8AfJpKUZXs9gHUyX/Vn8P50vmL/tf98mmSSKYz17fwmqAlopvmL/tf98mjzF/2v++TQA6mv/q2+ho8xf8Aa/75NNeRfLbr0/umgB6/dH0paYsi7R16f3TS+Yv+1/3yaAHUU3zF/wBr/vk0eYv+1/3yaAEi/wBWKfUcLAxjGfyqSgAooooAQjI4JHuKTY3/AD0b8h/hTqKAG7G/56N+Q/wpgU+c37xvuj09/apaYP8AXN/uj+ZoAXY3/PRvyH+FGxv+ejfkP8KdWB4p8Tr4bS1zCJGuC2MnAAXGfx5FZ1asKUHObskROcaceaWxu7G/56N+Q/wpgU+c37xvuj09/ai1nF1Zw3CgqJY1cA9sjNOH+ub/AHR/M1aaaui076i7G/56N+Q/wo2N/wA9G/If4U6imA3Y3/PRvyH+FMVTvf8AeN1Hp6fSpaYv+sf6j+VAC7G/56N+Q/wo2N/z0b8h/hTqKAMLVTrq6rAumkm2IG75UIznndkZAxjp71T8R+ET4g1COf7V5flqEbI7dcj359q6mmL/AKx/qP5VzTw8KilGd2mYyoxmmpapjXDRwswd22rnAAyf0rm7PxlFIJPtscsWDhRGA2fUHgYI7j3rqaq32mWepRql5CJApypDFSPxBBqqsars6bsOopvWDJIHW5t45oZmaORQytgcg8jtSqp8x/3jdvT/AAp8caQxLHEioiAKqqMAAdhSL/rH/Ctle2por21F2N/z0b8h/hUc0iW8LzTzlI0GWY44/Spq5yHwqf7Qu5bu6MsNwGBVSQzZORk+3as6kpxsoK5M5SXwq5tWl1BfwedaXJljzjIA4PoRjipEU5f9433vb/CoNM0yDSbUwW28hnLsznJY4Az6dAB+FWY+r/71VDm5Vzbjje3vbi7G/wCejfkP8KNjf89G/If4VHd+eLOb7HtM+w+Xu6bscZrP8PtqrW0v9sZ3bh5e8KGx3zt4pOdpqNnr9wOVpKNjU2N/z0b8h/hTEU5f9433vb/CpaYnV/8Ae/pWhQuxv+ejfkP8KNjf89G/If4U6igBuxv+ejfkP8KZGp2f6xhyfT1+lS0yL7n/AAI/zNAC7G/56N+Q/wAKNjf89G/If4U6igBFBHVi31paKKACiiigBGQN13fgxFN8pfVv++z/AI0+igBnlL6t/wB9n/Gjyl9W/wC+z/jT6KAK1w8Ftte4mESZxukl2j8yaW6dbeyluFWSXy4y4RHJLYGcCqHiHTYr+1RppWiFuGk3Ku7jHPFU9G8SaYttHZOzWxhVUTzedy9ASQMDp3oOSeI5Kvs5tJNaMyW8Z3XnxN9kxAXCkozvv9cNwAQK6G50XTtdMF6zTMpQY2uQJE6gHP1PTB5qn4gsNR1DVLeKOBZLIFScYGDn5sn7w49K6GKJIIVihQJGgwqqMACg5sPSqzlOFd80dN1bXy8jFg8Mpa6lPewXUm9w5jU/ws3cnvyadoOn6la+f/alw8oYjYDMz4POTnsDxx7UzWdcls9Sj0+OBj56gCQEhuePl9SOtS+H9El0f7R5twJBKRhVBAGM/N9Tnn6CgcI01XUaSfut310Tfl1NSSNRGeW/77NO8pfVv++z/jRL/qzT6D0xnlL6t/32f8aPKX1b/vs/40+igBnlL6t/32f8aPKX1b/vs/40+igBnlL6t/32f8abHGpjHLf99mpaZF/qxQAeUvq3/fZ/xo8pfVv++z/jT6KAGeUvq3/fZ/xo8pfVv++z/jT6KAGeUvq3/fZ/xpqxr5j8t2/iNS0xf9a/4UAHlL6t/wB9n/Gjyl9W/wC+z/jT6KAGeUvq3/fZ/wAaPKX1b/vs/wCNPooAZ5S+rf8AfZ/xpskajby33h/Ealpkn8P+8KADyl9W/wC+z/jR5S+rf99n/Gn0UAM8pfVv++z/AI0eUvq3/fZ/xp9FAABgYH6miiigAooooAKKKKACiiigDP1r/jw/4GKwCxQqykghgQR25rY8SX1pYabG99dQ2yyzpFGZpAgd2ztUZ6k9h1NYz9B9RQB09hdC6tg38a8N9as1zFndvZzb15B4Yeoro4JkuIVlj+63rQBJWFo3hxdJ1Ge6Eu/zFKgY7Eg5P5Vu0HoalxTab6GsKs4RlGL0e42L/Up/uinU2L/Up/uinVRkFH0qtFqFrNdNbRTK0q5yvPbrg9D+FWaSaexTi47oyNI/tT7XP/aWNmBjp1z2x269am1XVk0+E+WY5JgRlC/3Af4iOoHQfiKzfFt1dWtpH9iZ1Z5AG2EgkYPpzUmh6WJI7XU5pXaVk3lT/eIwT+prHmd+SJ3+zg4LEVLWfReRZsvEFvctDFIrxzScEbflB7c+4wR9RWtVc6fateC6MKmYfxf1x0z71YrWPN1OOo6bd4Kwxv8AWJ9T/Kn0xv8AWJ9T/Kn1RkFFFFADJf8AVN9KfTJf9U30p9ABRRRQAUyPq/8AvU+mR9X/AN6gB9FFFABTP+Ww/wB3+tPpn/LYf7v9aAH0UUUAFMk6L/vCn0yTov8AvCgB9FFFABRRRQAUUUUAFMT70n+9/QU+mJ96T/e/oKAH0UUUANk/1bfQ0o+6PpSSf6tvoaUfdH0oA5xvDc7eLxqnmL5W8PjPP3cYx/WukoorCjh6dHm5PtO79TSdSVS3N00Gf8th/u/1p9M/5bD/AHf60+tzMz9Zury1tVewiMjFsMQhbaPoOtWrSSWWzie4Ty5WUFl9DU1FZqDVRyvp2Lcly2sZy6xapf8A2ElvN3lc7flBJyB/KtGqaafaNc/amgUzhj8/vnrjpn3qr4k1WXR9KFxAoZ2kCDIzjIJ6fhWUqkqMJVKz0XbsUoqclGG5rVAtxDOR5Escm18NsYHBweDisDw+NR1LbqF1cH7POHBTeeeSMbegxj9K0tO0aLS5C0cjSFyF+YdAM8VFGvOsozjG0X37dPvKnTjC8W9UalFFFdhgFMX/AFj/AIU+mL/rH/CgB9FFFADJf9S/0NPpkv8AqX+hp9ABRRRQAw/65f8AdP8ASn0w/wCuX/dP9KfQAUUUUAMi/wBUtPpkX+qWn0AFFFFABRRRQAUwf65v90f1p9MH+ub/AHR/WgDC1n/kIH/dFWNDnA8yBiBk7l9/X+lV9Z/5CB/3RVSCUwTpKvVTnr1oA6umH/XL/un+YohlWaFZE6MM0H/XL/un+YoAfRUN67RWFxJGcOsTMp9CBXNeCb6+vDerfvI23YyeYScZ3Z6/QVzVMRGFaFFrWV/wHbS51dMP+uX/AHT/AEp9MP8Arl/3T/SukQ+ikZgqlmICgZJJ6VXtNRtb/f8AZJhJsPzDBBHvz296lyimot6sCzTH+9H/AL39DT6Y/wB6P/e/oaoB9FFFABUN15vkH7Pt83B2bum7Bxn8ampj/eT/AHv6Gk1dWAw7ez1XUNKurfUpDGXK+WWAyfUHb/CeP1q9YaTHb6WlneCO6VWLbXTKj2ANaNFc8MNCLTerta7HcOlMl/1f4j+dPpkv+r/EfzrpEU5dGtJdSF84fzQQxAb5Sw6H9B+VQX/iG2s5ZYFV5Jox0C8E+mfpzWtVb+zrT7b9r8hfP/v/ANcdM+9c06ckv3Nk29f67jv3ING1J9UsTO8QQhyoKnKt7j88fUGrsv8Aqz+H86fTJf8AVn8P51tTjKMUpO77iEjuIZpHjimjd4zh1VgSp9x2qSszTtDh068kuI5HcspVVP8ACCQT9egrTpUnNxvUVmNhTX/1bfQ06mv/AKtvoa0EKv3R9KWkX7o+lLQAUUUUAMi/1Yp9Mi/1Yp9ABRRRQAUUUUAFMH+ub/dH8zUVtqNleXFzBaXlvPNauI7iOKVWaFiMhWAOVOOcGpR/rm/3R/M0APrH8QeG7bxCtv8AaJGjaAttK+jYyP0FbFFRUpxqRcJq6JlGM48sloR28CW1tFBFnZEgRc+gGBSj/XN/uj+Zp9MH+ub/AHR/M1SVlZFbD6KKKYBTF/1j/Ufyp9MX/WP9R/KgDnPE8GuLcJeaTNIY4wMxIx4OeTtH3+O3tQfFUlhaW/8AatpIJ3Uu+Bt2pnAbB78dK6R3WONnc4VQST6CsnTtW0nxHIxgRJntWDKZEUlD2YHnHT68VxTpuNT3J2cujOaUeWfuys30LsWq2U1+9nFcK1wmQyDPUdQD0JHoKsL/AKx/qP5V53490lrTULW605ZAZ3dnyflDkg8Z7nJP8q76x3/ZY/N3eZ5abt3XO0ZzToV5zqzpzVuX9R0qspTlCS2LNFFFdh0BTF/1j/hT6Yv+sf8ACgB9FFFABTI+r/71PpkfV/8AeoAfRRRQAUxOr/739KfTE6v/AL39KAH0UUUAFMi+5/wI/wAzT6ZF9z/gR/maAH0UUUAFFFFABRRRQAUUUUAFFFYetadqt3qMEun3hhhVQCu8rtbPLYH3uMcH096DKrOUI80Y39DZb/WJ+NchcnQJ9akhlsmtkh3h3hwqybAWbcoHs3I5/p17f6xPxrmZNVMuvX1pFpMEk/lSISVG9wF43n+42AOfVaDkx3LaKdt+qvco3Vlc+JvEltqWmXTRQ2pQOkhKtHzkkAcHIrW1TWr4XkK6LHHeQ9HaIeYC+eVJH3eMcn19qh8I7L3R7pfJRYZGKeZHkF8jkcknjP60ugnTdM1eewhmmluJDs3umFJQE7R7j5ufag4qSfLGalb2ju3fr0sn3/rQ6aiiig90ZL/qzT6ZL/qzT6ACiiigAooooAKZF/qxT6ZF/qxQA+iiigAooooAKYv+tf8ACn0xf9a/4UAPooooAKKKKACmSfw/7wp9Mk/h/wB4UAPooooAKKKKACiiigAoopCdqknOAM8DNAC0VzjeMIlsdUuWs5YE090Qfaj5XmbsYJyMqOe4/CpIvEcs1jBJb29pdXFzMYoUtr3zIzhdxJfbxgA8YPb1oA36Kq6ZfpqenRXcSlA4OVPVSDgj8xVgyIDguoP1oAxvFmk2Gs6ILXVbOG7t/OR/LmQMNynINc/f6lY6YbSO9uI7f7VOtvBv4DPgkLnoCQpxnqeOpFdNrl1AlkqvNGrM4wCwGa5TXNLs9e0S50y/G63uU2Ng8r7g9iOoPYigdmaNXtNvvssuyQ/umPPHQ+tc34fsrjRdCt7HU9WbUZYsoLmYBWYZ+UH1OMc961d6/wB4fnQI68EMoKkEHoR3pT0NYGl6ksDiGZ/3bcLz901uGWPH31/OgBYv9Sn+6KdUUcqCJAXX7o707zY/76/nQBzWlaDeWnime9lA8lmchsjncePeuopnmx/31/Oq+oX32SwlniAldAMLn3xn6Dr+FRGKgtDoqVZ4iavvoilrOr2Vgwhuo1neTGImHHfk8cVpWk6XNnFNGpVHUEKR0rhLgyeItfhk2Ku3CnP3W2kknnmu+EkQAAdQB0ANRTk5tvob4qjCjThH7W7H0UzzY/76/nR5sf8AfX862OAG/wBYn1P8qfUTSpvT516nv7U7zY/76/nQA+imebH/AH1/OjzY/wC+v50AEv8Aqm+lPqKSVDE2HXp607zY/wC+v50APopnmx/31/OjzY/76/nQA+mR9X/3qPNj/vr+dNSRAWy6/e9aAJaKZ5sf99fzo82P++v50APpn/LYf7v9aPNj/vr+dN8xPOB3rjb60AS0UzzY/wC+v50ebH/fX86AH0yTov8AvCjzY/76/nTZJEIXDr94d6AJaKaJUJwHX86dQAUVUl1XT4LV7ma+t44I38t5WlUKrehOeD7Uw63pS2sVy2pWggmbbFKZl2ufQHOCeKAL1FAORkdKKACmJ96T/e/oKfTE+9J/vf0FAD6KKKAGyf6tvoaUfdH0pJP9W30NKPuj6UALRRRQAz/lsP8Ad/rUGpySQ6ReSwkiRIHZCOxCnFT/APLYf7v9afUyTlFpDTs7nMeCru8ure7F60jbGXbvJ4yDnrz2rp6ZFDFAm2CNI1znCKAP0qCXU7OG8W1lnVZmxhSDjnoCeg/GubDw+rUYwqSvbqzWpL2tRyihthqVpetJHazrIyEkgA9Mnkeo9xT7/T7fUrXyLtdyZDDHY1xvgOCSLVLhnGFaH5TnOfmFd3WWDrPGYfmqx3voXXpqhVtB7ENpaxWVrHb267Y4xgCnv95P97+hp9Mf7yf739DXfFKKstjnbbd2PooopiCmL/rH/Cn0xf8AWP8AhQA+iiigBkv+pf6Gn0yX/Uv9DT6ACiiigBh/1y/7p/pT6Yf9cv8Aun+lPoAKKKKAGRf6pafTIv8AVLT6ACiiigAooooAKYP9c3+6P60+mD/XN/uj+tAGFrP/ACED/uiqFN1bX9MfxhLoa3S/2lHbrO1uVYHYe4JGD+B4p1AGto11tc27nhuV+tax/wBcv+6f5iuVR2jkV0OGU5FdJa3K3QjkXg7SCPQ5FAFmmRQRQKRBEkYY5IRQMn14p9FKyvcAph/1y/7p/pT65Dxdrl9perWsdm21fK3kY6nd39uK58TiIYan7Sew0rux1zoskbI4yrDBHqK5u58NTwXayaRctCpADbpD8pB4OB169DXQJdQSTtAk0bSp95AwLL9RUtOrRp1173TqCbRxXi6a8F8HljZbSEgI2wlTnHzbugOcj/8AXXSaVfx6lpttcQ7tpO07uuQCDTtZ0xdX0x7Rn2biCDjPINN0rTF0jToLRX3hXJJxjk5NctKjWp4uUt4SX49vuKbTiaNFFFekQFMf7yf739DT6Y/3k/3v6GgB9FFFABTJf9X+I/nT6ZL/AKv8R/OgB9FFFABTJf8AVn8P50+mS/6s/h/OgB9FFFABTX/1bfQ06mv/AKtvoaAFX7o+lLSL90fSloAKKKKAGRf6sU+mRf6sVkeKL/UdN0d7nTEgynMjyk/KM9lxyfxFAG1RXM32q6lBrrh0u4NMh8oNOkEZjJbGclmDdSB8oOKLPWr6TULWaWRGtL29ntEgEeDH5ZcBs9ST5ZyPegDpqKQnA4BPsKTe3/PNvzH+NAGa2m6Zo02pa5aaWpvZ4vMuXtYd01xsU4UAfePYDucVW8J+LdI8aaQuq6FcebCwCSRuNskEgzmORf4WHp9CMgg1t72/55t+Y/xrkJfC+j6B4zuvGVsLqymng8q9t7ZgIrty3yu6dC45GeOuT3ym1FXYm0ldnY0Vk6H4m0vxHBNLo9wlz9nkMU6JIrNE4/hbBODU8mtWUOorYySFbhsAJjjJ6AnoCfQnPI9annikm3uLmja9y/TB/rm/3R/M0u9v+ebfmP8AGmBj5zfu2+6PT396solopu9v+ebfmP8AGje3/PNvzH+NADqxNf8AEcHh5UaeNpGmYhQDjoBnsfUVs72/55t+Y/xrn/EvhweI0iVmMbQOSMgEHIHv7VhiPaqk/Y/F0Mq3PyP2e5G+papqOoJDbWzDT7uEFJDHxsdM7i3QEZ6e1N8H+F5/D0l29xKj+cFVQpJ4Gef16Vv2cP2KxgtUV2WCNYwSRkgDHr7VMJckgISR1GRx+tZxwyc1UqO8l+FyI0VzKcndofTF/wBY/wBR/Kl3t/zzb8x/jXJapfa/pmqTXaxF7IPjBKlFUjjIByD056VrWqqlHmab9DSpUVNXaOvoqjpV/Lf6XDcy2zRPICSv4kZGexxkexq5vb/nm35j/GtIyUkpLqWmmrodTF/1j/hS72/55t+Y/wAaYrHzH/dt29P8aoZLRTd7f882/Mf40b2/55t+Y/xoAdTI+r/71Lvb/nm35j/GmIxy/wC7b73t/jQBLRTd7f8APNvzH+NG9v8Anm35j/GgB1MTq/8Avf0pd7f882/Mf40xGOX/AHbfe9v8aAJaKbvb/nm35j/Gje3/ADzb8x/jQA6mRfc/4Ef5ml3t/wA82/Mf40yNjs/1bHk+nr9aAJaKbvb/AJ5t+Y/xo3t/zzb8x/jQA6sjWtYudMubKOCxMsVxOkUk7OAqBmxwM5J/DHvWspJ6qV+tVdR09NRjhSR2QQzpMNvcqcgUdUHQxofEsk3iCe0ZoobaGYxbntpfnIGcCXGzPtnPFTaPr1ze3dql3DEkd/bNdW3lkkqoK/K2epw6nI96tSaPJcXqyXN9LNbJL5qW7IuFbt83XHPSo9L8PpptzHKbmS4FvEYLZXAHkxkgkZHX7qjJ9KF5/wBf0wZrs4Xrn8FJpvmL6N/3wafRQAzzF9G/74NHmL6N/wB8Gn0UAV7jE0ZjDSJvVl3KpyuR1FZGlaAtjY3ttcTNKl2uxlSMqAMEE/U56+wrcb/WJ+NPoMZ0YTmpyWqv+JyHhi4az1i7sPJkYFjucqdyheBkY4z2+tdElhYx37XqW2Lhs5fY3fqcdM+9cbq2oazD4mSS6E8Nssm1AikDAOcg5Ctke/FdraapZXu0W1zG7sgkEe4bgp7leo60HnYGpTd6L+y9L6fcT+Yvo3/fBrHXxRbf2y9jJE8aIWBmbgAqCTkdhgHmtusAapY3niCbTZLAbpQ8DzYG58Kcg98YB7+lB24ibhy8srXf3+RoW+rWWoQObObzNpwQUZSPwIzVCJta/wCElZpd39n5P8Py7ccYHXdnHt1qpP4MhjvUubS4aNVKlg43Nwex7V1NBFONarb2y5XF9Ho/+AM8xfRv++DR5i+jf98Gn0UHaM8xfRv++DR5i+jf98Gn0UAM8xfRv++DTY5AIxw3/fJqWmRf6sUAHmL6N/3waPMX0b/vg0+igBnmL6N/3waPMX0b/vg0+igBnmL6N/3waasg8x+G7fwmpaYv+tf8KADzF9G/74NHmL6N/wB8Gn0UAM8xfRv++DR5i+jf98Gn0UAM8xfRv++DTZJAdvDfeH8JqWmSfw/7woAPMX0b/vg0eYvo3/fBp9FADPMX0b/vg0eYvo3/AHwafRQAA5GR+oooooAKKKKAMd9FlFxqU8M8W+8kjkQSw71QoAORnnp7Yqu/h+9eX7cLyBdS88S7xCfK/wBX5eNu7P3ffrXQUUAU9K09dL02K0V/MKZLORjcSck/mauUUUAYfiXTYryBJnZlZTtOO4rKYYUD3FbuuzxRWarLIqMzjaCcZrDfoPqKSSuXKUmknsYvibw3B4mtI7W9AeBJFlA3lSrqchgR3qxJrtjaa/Bolyzw3M8Hm2zSLiOfBIZEboXUAEr1wwIzzjTrJ8TeHrbxRoUum3jyQ7iskU8RxJDIpyrqexB/qO9FhOTaSNatbT9U2hYbk8YwHJ/nXM2BOmWNhYanqQur1o9gmlARrhlHJCitA9KZJ1sX+pT/AHRTq5nRvEMQlFnLvwOFc9BjqK6YEEAg5BpJpjcXHcKKKKYirFZW0V9JPHCqysBlgKxfEviG40i+gigVSrJvbI684x+ldCv+tf6D+tVb3SbPUJo5LqLe0fA56j0NZzi3G0dDpoVIRqKVZXRdpCQoyxAHqaWsLxek76GBbBiRKpbHpg9fxxVSlyxbM6NP2lRQva5tMcvGRyM/0p9ZPh5Zk0GxW5DCTDZ3emTj9MVrU4u6TJqR5JuN72YUUUUyBkv+qb6U+mS/6pvpT6ACiiigApkfV/8Aep9Mj6v/AL1AD6KKKACmf8th/u/1p9M/5bD/AHf60APooooAKZJ0X/eFPpknRf8AeFAD6ZLEk8LRSjKOMMASMj8KfRQBxUekR2mkvDLBqFrbxao8qfYoSzBcHBwAWK89VBNEq3y+Vc3lteXcMlvc28B8hmkAZlMZdQMrlV6kDHGcV2tFH9fhYZU0mCW10ezguP8AWxwor855A5qzs/2m/OnUU27u4loUr65+x+W3zMrNhueaydNuL+616YmZha7mOGYcrj5QB1z0z+NReM9Ej1aTSp3urq3exuTMn2eUoJOMFWHcViWviTS5/Et3oUN4o1S0VJZLdgVbayghlJGGHrtzjvisZ0+dp3as76fqXGXLfTc9B8v/AGm/OseDVLiXXnsWgYRqWG7J3KAOGPsf6ioLbVbiFhvPmp6E/wBa07bVoJ8iT9yw7MeD+NFSEpNcsrWf3+QRkle6uWnT923zN0PelCfKPmb86HYNE+CDwelOH3R9K1IE8v8A2m/Ojy/9pvzp1FAEWz98Pmb7vrT/AC/9pvzpP+Ww/wB3+tPoAb5f+0351l6n4ettR3yMzpMwGGzkZHTI79K1qKzqUoVY8s1dFRnKDvFmBbR23hnTCZmeRpZT/qlA3H05PoM8n1rYtpI7q2jnhdykgyueKx/E2k3Gr6XHFagMyTFiuQCRyO5Hr61p6TayWWkW1tMQXjjCtiuWj7SFd0VG0Elb1Np8sqam37zepa8v/ab86Y6cp8zfe9fapaxPEuuNokNu6RhzI55PQYH1Hr6101q0KNN1J7IyhCVSSjHc2fL/ANpvzo8v/ab86js7j7XY29yF2+dEsm3OcZGcVNWkZKSTRLTTsxvl/wC0350xU/eP8zdu9S0xf9Y/4UxC+X/tN+dHl/7TfnTqKAIpUxE3zN09af5f+0350kv+pf6Gn0AN8v8A2m/Ojy/9pvzp1FAERT98vzN0Pf6U/wAv/ab86Q/65f8AdP8ASn0AN8v/AGm/Ojy/9pvzp1FAEUSZjX5m/On+X/tN+dJF/qlp9ADQuD95j9TSkhVJY4A6k0tQXlrDe2kkFynmRuMMuSM/lSewEM2taZbWsdzPqFtHBKcJK0oCsfY96V9X05Gtw99bqboAwAyAeaD0K+vWuWt9NW20bSBex6rbfZvNCixhYlctwGCgsOOnGKjvLXVHt7iK9tJ57vUNPhhjkSPcqSKz5DsOE+8pycDr6VXUDuaYP9c3+6P60qqRGFY5IABIpgT983zN90d/rSAwtZij/tYy7F8zywu/HOOuM+lYNvrtnca/d6NmSK+tUWXy5UK+dEwH7yM9GUE7SR0YYPUE3bmHUl1qX7a5MeODuBBHbFYfifSBefYr6Cee2vrKUmG5hblFbG9WB4ZW2gEH2PUVkqicOdpodjoKs6fd/Zb5ST+7YEP+nNZVnew3TGLzVFzGqtLCH+ZAehI6gHFWSv7wcnoe/wBK0TuroR2QIZQQcg8giisfSrzcBbzOQR9w7uvtWt5f+0350wHVUu7G2uriN7iFZGRSVJHuPzqz5f8AtN+dMKfvl+Zuh7/SplFSVmgPP/Cl2trq095q0rp8pZSwJyzHngD3NehRSpPCssLB0cZVh0IrN1bQLbVLNof9UxbfvUd/f1qs09p4U0q3t7maWTJITbgZ7nqcADPrXl4WnPBRcKjXItebzuXJqWxvUx/vR/739DTIWS4gjmikZo5FDqc4yCMildPmT5m+96+xr1U01dEEtFN8v/ab86PL/wBpvzpgOpj/AHk/3v6Gl8v/AGm/OmOnKfM33vX2oAlopvl/7TfnR5f+0350AOpkv+r/ABH86Xy/9pvzpkifJ95uo7+9AEtFN8v/AGm/Ojy/9pvzoAdTJf8AVn8P50vl/wC0350yRMRn5m7d6AJaKb5f+0350eX/ALTfnQA6mv8A6tvoaPL/ANpvzprp+7b5m6etAD1+6PpS0xU+UfM3T1pfL/2m/OgB1FN8v/ab86PL/wBpvzoASL/Vior6yh1GyktbkExSDDAHBqSEYjHJP1NSUAZ1xotvc3XnSy3G0lS0IlPluR0yv4CmwaBZW+pG9jEm7e8qxlyUR2+8yr2J5/M1p0UAFFFFAGSdSa11KWOXLRFv++auMlvqEbo6rNDIgyD0PJrC1BlbUJtrA4bnBqpJqcmlRyXEWW2gDbng5OOamTVnfYTtbU2b9P8AhF/DF5N4b0MXcsCtMlhbFYjOxOW5x948nuTjFQaQdD8Ux23iLTnE4kw2VYja68YZTghlIwQQCCORU+j+I4dUt1eSM28m7aQTlSfY1PY6NpukXup6jZQiKXUZBPdMpJDsqBchegOBzjknrU8sJxWl0TaMkuxpUwf65v8AdH8zUGm6jb6tpsF/Z+Z9nuEDxmWJomKnoSrAEfiKnH+ub/dH8zWhY+iiigApi/6x/qP5U+qOpS3UOn3Umnx+ZcKBtXGfTJA7kDJx3pSfKmxN2Vy9Xmng+9mh8fXVteyOrSCRArDqwORn8Aetdzotzey6WZdWTypFY4LLtJUdyO3f8q5rSdGgvfG82s2d9HLGkjSFNrBssCOhA45POT0rzMTzVJ0Zw77eXU4615ypyj3O3pi/6x/qP5U+mL/rH+o/lXqHaPooooAKYv8ArH/Cn0xf9Y/4UAPooooAKZH1f/ep9Mj6v/vUAPooooAKYnV/97+lPpidX/3v6UAPooooAKZF9z/gR/mafTIvuf8AAj/M0APooooAKKKKACiiigAooooAKKKKAM7VtWg0lYZLhJJC7FVSMAk8e5A/WrttcR3VrHcQHMcihlJGMg1De2VtfeXHdwrKgJIDdjTdRt3bRLq3sl2yGBkiVTjB2kDHpQYP2sZSk9Y20XU5zxdoWp6xPDPp0qzQpgGJZNrL6kZ4P5isy8kTwtrljJKoecxea8Yzt3NlTtwOO/Xjn2rV8DCS3W9trmVfNDgiMrsYcc/L1HbmpvE2iX2papbTWkaugQISWAAO4n5weq89s96Dw6lH2tL63ST521pvazOnpggiE5mESCVhgyBRuI9M0SyCGF5WBIRSxA6nArE0TxZa6xeSWhTyJ1+6u7cHGM4zgc8Hj/69B7tStShOMJvV7G3L/qzT6ZL/AKs0+g2CiiigAooooAKZF/qxT6ZF/qxQA+iiigAooooAKYv+tf8ACn0xf9a/4UAPooooAKKKKACmSfw/7wp9Mk/h/wB4UAPooooATcAwBPJ6ClqkJ/M1nywfljjPfvkVdoAKKKKACiiigAooooAKKKKAOf8AFlratZpdXTSLtYJ8gzkHPGMVz76vB5eYYp5VXG4pEfl+ucV2Gtf8eH/AxXPv0H1FQ4u+jOiNSHKlNN289Py/Upf2zZ/35P8Av03+FQza9axyRiI+arDLEHG38PX64rUrOvdGgvLhJDhNowQF6jP+fWpl7S2hpTeFb99NfO/6IuNDb3DxyPHHK0TZjcqGKH1B7GsKy8caNd+JLvQJpJLHU7eXy1t7xRG1wMEh4ufmUgH39hkVotpbwsz6bcG2z1j27kJ+nasrWdIs9V8keJ9IhuhBKksVzCDlGUgjn7wGSfrk8U+e3xIn6up/wpX8tn/wfk2bklqpt5GgUJM6cMB3qz4X1C8s43g1EMYd3yk5yvr9R/jWTpPiXS9X1G706xnZ7uxC+fG0bKVyOCMjkfSteqsm7ozcpRi4SR1qSJKgaNgynuDTq5qyvns5OPmQ/eWuhguIrhN0TBh39qoxFX/Wv9B/Wn0xf9a/0H9azLnU7uHWorSO2DQsVBODkg9SD0GP6UnJLc0hTlUdomtRWTqMOqPqUTWUm2AAZ+YAA55yO/61rUJ3YSgopO97jG/1ifU/yp9Mb/WJ9T/Kn0zMKKzdN12z1S4khtS26MbvmA+YZxkf/XrSpJpq6LnCVN8slZjJf9U30p9Ml/1TfSn0yAooooAKZH1f/ep9Mj6v/vUAPooooAKZ/wAth/u/1p9M/wCWw/3f60APooooAKZJ0X/eFPpknRf94UAPooooAKKKKACiiigDK13/AFMP+8a818R+EU8U6pDLO09hd2cha11G0wksIx0Ddwe6nPU9K9K13/Uw/wC8axF+831/oKiUXJrWxSdjN8O2urWWhwW3iC+hv72PKtcRRlA4B+UkEn5sYz7/AJnTqO5hNxaywiWSEyIUEkZwyZGMg+orKtZofC+h2Ft4g1z7RKzrbLeXhVGnkOSBxxnAPvxyT1qyTbEskSkxuy8djVtdWu1UDzAcDuoqi33G+lKOgoA2INcyQLiLA/vIen4VpQ3MM/8AqpFb2zzXm+nTXLa/MsjMUy/X68V0COyMGQlWByCO1Y0aqqxbStqXOHI7HVf8th/u/wBa568abSNeW8uZ3khlLFY4zliMdCDgADI5zngcelm01giZUuhkbcbx/WtSe1tr2NRcRJMoOVyM1OIpOpFcrs1qiqc1B67MbFqFpM0aRzoXlQOiE4JBGRxVms46JanUxeguHBB2AjbkDAPr0ArRq6bqO/tEvkTLl+yMi+5/wI/zNPpkX3P+BH+Zp9akBWbrGj2+rxwpc7hsclSuOMj3+lX5ZUgheWVgqIMsT2FV7a/t79FktX3BXwcggg49DWVRU6n7qdnfoXHnj78ehPBCltbxwRDEcSBFHoAMCpKKK0SSVkRuFMX/AFj/AIU+mL/rH/CmA+iiigBkv+pf6Gn0yX/Uv9DT6ACiiigBh/1y/wC6f6U+mH/XL/un+lPoAKKKKAGRf6pafTIv9UtPoAKKKKACiiigApg/1zf7o/rT6YP9c3+6P60AYWs/8hA/7oqhWfqjXOleIJnuluJ4mG7zY1yME8Z9Me2alt9UsrriK4Xd3VvlI5x0NctPFU5Plk7S7MrlZOLeFbhrhYYxM6hWkCjcwHQE9cVnab4j0rWNVvrCwu1ku9OkMVzAylWQ8c4IGR6MOD61q1zHiXw5NLejxB4c2W/iG2hZY3wNl2mQTBLyMqcDByCpwQeMHqJOozjpW5pd/wCevkzN+9H3T/eH+Nc288kNj51xGokVAXSNtwDdwCQMjPfA+lV7TWoZnCE+VMTgAHIz25rOVSEZcreo7HcfbLcXX2YzJ52M+Xu5/Knn/XL/ALp/pXH+H45brXHudULrIDuXOAC/T+Vdgf8AXL/un+lRQqTqJuStrp6A9B9YXifQJNchtxDIqtCzcOSAQcd8H09K3aKqtRhXpunPZgnZ3IbO3+yWMFtu3+TGse7GM4GM1Fqdw1pp81xGoZ4Y3kVT0JCk4q3TJQG2BgCC2CD34NVy2hyx0Ec94P1u81mG6+3gFoWXa2zaTnPb8K6Sobazt7NClrCsSsckKOtTVlhqdSnSUKkuZrqNtN6BTH+8n+9/Q0+mP95P97+hroEPooooAKZL/q/xH86fTJf9X+I/nQA+iiigApkv+rP4fzp9Ml/1Z/D+dAD6KKKACmv/AKtvoadTX/1bfQ0AKv3R9KWkX7o+lLQAUUUUAMi/1Yp9Mi/1Yp9ABRRRQAUjLuQrkjIxkUtFAHDw6P8A2VfXC+eZsnAJXH4nnk+9TkBmYMAQVGQe/Wrmo/8AIRm/3qqD/WH6D+tRCEYR5Y7ExioqyBVVFCoAoHQAYqxb3k9tnyXwD2PIqCirKM/xb4x8SaBpsWo6PpkGqwwybr2A5E3k45MWOCw64NaHhvx/p/ifTv7Q0oGaLPltuVo2RgTlSrDINFUr6WextZJdOsPtcu9CYI3WMsGf52BbAyAWbBIyRjIzmgC/4k8SXMGiyNZJ5MpZRvDZIGfpTvDviS4n0SF7yPzZcsC5bGcHjtVdliuYirBZEPUdRTo40hjCRKFUdAKx9m/a+0vpa1jPlfPzX6HQprVqzYIkQepX/CnPqtjAGkmu4o1LAAswHOK56safRZbrVGmluCIgSRtPzcjpg8fj7VVSU0vcV2Obkl7qPRiEljIOGRxg+hBqnp2j2elmQ2cZUyY3EsTwO30rHsb6awhjhiO6KNQqo3OAK6C2uY7qESR/iD2NVyptSa1Q+VNptak1MX/WP9R/Kn0xf9Y/1H8qoofRRRQAUxf9Y/4Vg+NNbudC0iKezwHkmEZOMkDBPGQfT0q94fvpNT0W3vJwBJMgLY9awVeDquit0rmaqxdR0+qNOiiitzQKZH1f/ep9Mj6v/vUAPooooAKYnV/97+lPpidX/wB7+lAD6KKKACmRfc/4Ef5mn0yL7n/Aj/M0APooooAKKKKACiiigAopGDfwkD6jNNxJ/eX/AL5/+vQA+imYk/vL/wB8/wD16MSf3l/75/8Ar0ADf6xPxrPh1+zn1htOQS+aGZA5UbWZRkgc57Htjj6VeYSeYnzL3/h/+vWXBcaW2vSRwmH7fyrOIjyR1APTPH6GgwrSlFxtJLXr18l5mRplhfWnia7ums5DGnmuo6Kc5I2nuT+OM1r+H9Xu9UFx9rt1jEZG1lUgHOcrz3GB+dajuYl3SSxovqwwP51ydlfa8/juS3lLfYtz5yvyhNp2nGfXbz79aDh5Vg5wUW2m9rd+/kjW1TSL+81m3uba8EUKY3KWIK4POAODn3xVmPR9MtNU+2pGkVw5JX5sDcRgkD15/WqupeIH07VobIweYJApZxxjJxwO/vyKXWPDravdxTteeVsXaQI88ZzlTng89ee1Bo1TvKVKPNJNaPo/K5sS/wCrNPqKQSeWcsv/AHz/APXp2JP7y/8AfP8A9eg9EjmvrW3nSGe4jjlk+4jNgtU9ZF/4eg1G/ju55GDqACqjAcA5Gfz7YrUxJ/eX/vn/AOvQZQdRylzLToPopmJP7y/98/8A16MSf3l/75/+vQaj6ZF/qxRiT+8v/fP/ANemxiTyxhl/75/+vQBLRTMSf3l/75/+vRiT+8v/AHz/APXoAfRTMSf3l/75/wDr0Yk/vL/3z/8AXoAfTF/1r/hRiT+8v/fP/wBemqJPMf5l7fw//XoAlopmJP7y/wDfP/16MSf3l/75/wDr0APopmJP7y/98/8A16MSf3l/75/+vQA+mSfw/wC8KMSf3l/75/8Ar02QSfLll+8P4f8A69AEtMmlWGFpH6KM0Yk/vL/3z/8AXrI1q4k+WAOv95gFP4d6AG6TIZdTd26spP6ityuf0UP9uOGX7h/h9x71u4k/vL/3z/8AXoAfRQM455PtRQAUUUUAFFFFABRRTSZM8KuP97/61AFHWv8Ajw/4GK59+g+ore1kv9g5Vfvj+L/61c+27A4HUd6AH0UmW9B+dGW9B+dAC0HpSZb0H50hLY6D86AKUuk20zedEDb3DAZli4J+vrWFoPiu5N9d6P4khig1KydVkaFspIjDKyjPO0/ocg9OeoiffGChVhjqGqvcaZZ3d5Dd3Nlby3ECskUrqCyKwwwBxwDUOPWOjOiNZu0auq/Fej/pFwEEAjkHoalt7iS2lEkRwe47GuV02+Er3Uujx3fk2kzQzQXEToGI4JjLDnp1GRW9bXS3cIlhKlT155B9DRGV3Z7iqUeWPPB3j/W50txqaRabc3sI3+XHu2njn0NReHtYfWbGSWRFVo32HaMA8Z6ZPr61w+uXEhmEUTcYw6g8Z7V2XhZIk0VGtY9u9iX3vklunYVHNJ1LLY3dOnHC8z+Js3KKZmT+6v8A31/9ajMn91f++v8A61bHCDf6xPqf5U+omMm9PlXqf4vb6U7Mn91f++v/AK1AGHoHhxtGvpp2mVw6bFx3Gc5PHHTpz9a36ZmT+6v/AH1/9ajMn91f++v/AK1TGKirI1q1p1pc89wl/wBU30p9RSGTymyq9P73/wBanZk/ur/31/8AWqjIfRTMyf3V/wC+v/rUZk/ur/31/wDWoAfTI+r/AO9RmT+6v/fX/wBamoZMthV+9/e/+tQBLRTMyf3V/wC+v/rUZk/ur/31/wDWoAfTP+Ww/wB3+tGZP7q/99f/AFqbmTzh8q52/wB7/wCtQBLRTMyf3V/76/8ArUZk/ur/AN9f/WoAfTJOi/7wozJ/dX/vr/61NkMmFyq/eH8X/wBagCWimgyZ5Vf++v8A61OoAKKKKACiiigDK13/AFMP+8axF+831/oK29d/1MP+8axF+831/oKAFqhreh6f4i0mbTdYtlubWYfMrdQezA9QR2Iq/RQBx/hXRvFPh2+l03UdUj1nQlg/0W5nGy5hIPEbYzvGMfMSOnbpXYDoKRvuN9KzLa11iLxJe3NzqUMujywx/Z7TyAJIJB947weVPXnPJ4xj5gDTCqGLBQCepx1pajt7iG7gWe1mjmiflZI2DK30IqSgBP8Alp+FXrLUpLVgrfPF3X0+lUf+Wn4UtAHWxSLNGskZyrDINOrm7HVo7B2W4kxHjJGeV98Vt2V/BqEJktmLKDg5GCDU88eblvqPldrk0X3P+BH+Zp9Mi+5/wI/zNPqhGGukyLrMsl5do8E5bEbMcuD0XHtn36CtG2sbewRY7VNgZ8nJJJOPU1yniyO5bxNamEts8tOhxk7j09a7N/vJ/vf0NebhHB1akVG3K9/U6q3MoRbe6H1DezNbWFxOgBaKJnAPQkDNTUjosiMjqGVhggjgivQkm4tI5la+pz3hLW7nWEuhd8+SV2nAB5zxwB6elb6/6x/wqCy02105XWzi8vecsckk/ianX/WP+FYYWnVp0VGrK8u5pWlCU24KyH0UUV0mQyX/AFL/AENPpkv+pf6Gn0AFFFFADD/rl/3T/Sn0w/65f90/0p9ABRRRQAyL/VLT6ZF/qlp9ABRRRQAUUUUAFMH+ub/dH9afTB/rm/3R/WgDC1n/AJCB/wB0Vj3Gn2l2P39ujnnnGCM+9bGs/wDIQP8AuiqFROEZrlmroDMbRjE27T72e2bI+UtvU/gf8ajN1qdiyNfRR3MW0hmtwd49yDx+Va9If9YPof6VzPCRjrSbj6bfdsVzdzEs4ftfiaTU4NZumtzAIX0xwPLDA53gEZBx6df0qJbWPUNcN1YTRSRQT7JfLYfI6HDKR2OR6Vq3el2t42+RCko6Sxnaw/GuafQtZ0PxUus6TLDeW90ixalbvGEaRVJ2yqQMmQZxzkMODjANZ1Od2VeN0tbr9Vv91w06HY9K07PVykqJdcqFIDgc9utYVnqNveg+UxVx96Nxhh+FWT/rB9D/AErthUhUjzQd0TsderK6hkIKnkEd6hvbuOxs5LibJRMcKOSScAfma5iTW5dGtGlA8xAR8h6c/wAq3dK1K317SRN5Y2yAq8THd7flUymm3Ti/esPzM5vElxPdwixtC0TNtcOp3E55AIOBgYPfrW+/3o/97+hpIYIraIR28axoOiqMClf70f8Avf0NTRhUjd1JXbB26D6jnuIbWEy3EixoOrMakrD8Xafc6joois1LOsquQOuMEf1p15yp0pTgrtdAWrNmKVJ4lkhcOjDKsp4ND/eT/e/oazvDdnNYeHrW3uhtlUMWHpliR+hrRf7yf739DVUpSnTjKSs2loD3H0UUVoIKZL/q/wAR/On0yX/V/iP50APooooAKZL/AKs/h/On0yX/AFZ/D+dAD6KKKACmv/q2+hp1Nf8A1bfQ0AKv3R9KWkX7o+lLQAUUUUAMi/1Yp9Mi/wBWKfQAUUUUABIHU4pN6/3h+dKRnrSbR6D8qAOa1Fh/aE3I+961UBHmHkdB/Wreogf2jNx/F/SqgA8w8dh/WgBdw9R+dG4eo/OlwPSjA9KAE3D1H51Wvwz2N0sXLtCwXB5zg1Df6xaWDiI7pp2+7DCu5j+Hb8aqteazdSD7Dp0dsp/5aXb8gc/wrz19zXNOvT1gtX5K/wDXzMZVYax3flqcTOnivQbk+ItHeTULKEBL3R2P+sjHJki9HHp3r0S01W1u7KG43+T5qB/LmIR1yOjA9DWDf6dqSNH9tvp7wOPnjjHlxn/Zwv8APipLzQ5oL7ShpOk6bNZPKw1H7WWMqIVyrI3OSDwQQc5A45IxozrW5Ixtbu9fwv8AmZU5VLcqjt3/AOBf8zoVu7d2CrPExPQBxzTww3NyOtZd5omjx2ryS2MSqnzExLtb8xg1RstIS7tZPsep6nb7DtVWmBCHHHGOR+NaOrWjLlcU/R/5otzqJ2aT9GdHuHqPzq/pV2ILsKzAJJwcnoe1cdPda1pxeP7TZ6gV527NkpGOwHy/zq14enlu7d55JfMRsYVmyVbvn0+lOGJjOfs7NPzHGspS5bWZ6PvX+8PzqLz4o5WEkqKWIC7mAzx2qDTbgXNoN2C6fK3v71n6x4cTWb1ZTctDsARgEzkdeOeD78/StqkpxjeCuzSbkleKuzc3r/eH50b1/vD86AqgdB+VG0eg/KtCzP1qDT7nTJDqiCSCEeYcE5GPTHNQ6BqFld2bJYxNbxwEJ5b4449ia1WjR1KuilSMEEdagtLO2tA8drBHCmQdqKAKxcH7TnVvPuZ8r5+ZEFjrlhqNxJDaT73jGTkEBhnGR6jp+Yq/vX+8PzqlZaNYafcSTWluI3kGCck4Gc4APQew9BV3aPQflVU+fl/eWv5DhzW97cN6/wB4fnTEZcv8w+960/aPQflTI1GX4H3vStCx+9f7w/Ojev8AeH50bR6D8qNo9B+VABvX+8PzpiMuX+Yfe9fan7R6D8qaijL8D73p7UAO3r/eH50b1/vD86No9B+VG0eg/KgA3r/eH50yNl2feH3j396ftHoPypkSjZ0H3j296AH71/vD86N6/wB4fnRtHoPyo2j0H5UAKCD0OaKAAOgxRQAUUUUAFFFFABWFbXGtt4lkjnjxY7m/gG0Lj5SG6knjIyep49N2uMv9N1+z8VC809zNFIxYEDOcn7j56KOPy/IOHGTlDkkk3rrb9Rvn3WjeNNs7NcRzN1DnLBjxwf7v1rZtjof/AAkknkD/AE/LZPzbd2Pmx23dc4561dfUtNa9CNdQebFkHcwG38TWdK2m22pteWdsHuWyTIWO0E9wOmT6jHX3oMqeHcX7jUlzX16enmS6vbWmvkWUN+iXEDbiuN498jIz+datnbCzsobdXZxEgUM3U4rm9MjtLXVmvHVw8hY/e+VC3XAxnn3JrqVZXUMhDA9waDqo03zOpNJSfbt0EaNGdWZFLL90kcinUVlReILWXWjpqpIJNzIHIG0sASR69j+VBrKpCm1zO1zSl/1Zp9Ml/wBWafQaBRRRQAUUViJq2oN4lNi1mBa5I37WyBjO7d0x2xjv1oMqlWNO3N1djbpkX+rFPpkX+rFBqPooooAKKKKACmL/AK1/wp9MX/Wv+FAD6KKKACiiigApkn8P+8KfTJP4f94UALJIsUbO5wqjJNctPKZ53kbqxzjOce1ams3fS2TPq/8AQVj0AaOi/wDH8f8AcP8AMVvVg6L/AMfx/wBw/wAxW9QAUUUUAFFFFABRRRQAUUUUAZ+tf8eH/AxXPv0H1FdBrX/Hh/wMVz79B9RQAtFFXLHTpLz5idkY/ix1+lAGOtvevqgKMTETwoPb0xWs+jXU9u6lNodSD8wBFb1tZQ2q/ul5PVjyTU56GlYtybt5HI2mg3VjCTtMm8Akr0FDKyNhgVPoRXWRf6lP90VHc2kN0m2Vc46EdRQlYUpOTuzzrX9Xv7IPDpMMEt1sBjWfIVjnoSDx9aoaPrVjr7Sy6VItnrNs7Ld6fI43qy4DKy55GSPmHHP5dhqPhkGcXJ/e7PT29v8ACqMWnWVvfT30FnBHd3AAmnSMB5QvQM3U496jl5r8xuqyp2dP59n6kdstvdymcxYmXAdST8re4/rWvp94bOYf882wGGO3rXMLb3Oqrb6kkU1hM0alrefh0IJ+U4yKuadcXdxPJ54wi5DLx8reg/8Ar0Rk0+VoqpTjKHtIS07dvI79HWRA6EMpGQRS1ymh60w1VrKRCI2JAJPQjvjtmurq009jmlFxdmMb/WJ9T/Kn0xv9Yn1P8qfTJCiobq6is7dppyQi+gzmi0u4r23E0BJUnHIwQaV1exXLLl5raD5f9U30p9Ml/wBU30p9MkKKRnVELOwVVGSScAUiOkiB42V1PRlOQaB2drjqZH1f/ep9Mj6v/vUCH0UUUAFM/wCWw/3f60+mf8th/u/1oAfRRRQAUyTov+8KfTJOi/7woAfRRRQAUUUUAFN8tfVv++zTqKAMjXEAhi5b7x/iNYiqNzdevqfSt3Xf9TD/ALxrEX7zfX+goANg9/8Avo0bB7/99Glpk00dvC0szBEUZJNJtRV2NJt2QrKNp69PU1RuNTsoHaF3aRwDvVAW2j3xUDveasp8rfaWhXliBvkHt6CtC1s7ezh8u3jCqeT3J+pNcSq1a/8ABVo9319Fp97+VzfkhT+PV9l+rPPtA0DWNB8UTf8ACIiOLw7dEvPYXjnFpIf4osHOD/d6fpjs2udTt42aazifbnLpOVB/A1pxxRwrtiRUHXCjFY0nhSxOv3etQvcR3l5HHHKPOYxHZkA+XnGcHGe2OMZbJKhV5L+0fN5W/JqwKpDmtyq3z/zLMOq28k4jmElvI33VlON30PStHYPf/vo1j6Zd6NrVvcWdldRXws5WguFB+aOQHkHuOc1BqMV/pVoFtrkyW5YKqEfOvU4BHOKiVavh481Vcy7rdeq6+q+4ahTqu0HZ+f8AX5/eaMulRzXhmd2Knkoe/Hr6Vt6TLHY2ssEELM+C8ahyN7Y4XPvjFYuj3Ru9Mjd23OCVfPUEHp+WKvV00lTnFVIddb+pnNzi+SXQ2NCurm+glN5CY9rYVl3KG65GCe39a1fLX1b/AL7NZ2lais0YhlOJASASfvc/zrTrSnFwgoyd33Ik1J3SsYuqWGozalDJZTMsKgf8tCNpzySO/GPyrVeMZTlvvf3j6VLTH+8n+9/Q0oUlCUpJ7jlNySXYXy19W/77NHlr6t/32adRWpA3y19W/wC+zTFjHmPy3b+I1LTF/wBY/wCFAC+Wvq3/AH2aPLX1b/vs06igCKWMCJuW6f3jT/LX1b/vs1Xv723s4M3Mqx78hc96sqwZQykEEZBB61KlFuyeo7O1xPLX1b/vs0eWvq3/AH2adRVCIjGPOXluh/iPtT/LX1b/AL7NIf8AXL/un+lPoAb5a+rf99mjy19W/wC+zTqKAIoowY15b/vo0/y19W/77NJF/qlp9ADQgU5G78WJp1FFABRRRQAE4HAz7VEGbzm+Q/dHce9S0wf65v8AdH9aAMDWGb+0D8h+6O4qjk/3T+daGs/8hA/7oqhQAmT/AHT+dNJPmD5ex7/Sn0h/1g+h/pQA1pQmN+FycDLAZp2T/dP51UvdPF66MZCm0YPGcirajaoA7DFQnLmaa0AyX8O2P2q5urdJoLq5kEskyTMTuC7cgEkDgDgYzTLfV3t44/7QHmRkYS7iw0cgyMHI6VcuoLx72N4JdsYxxuwB65HeuA1aTU/APijGlWQ1Dw1qTqZdPjQlrKRjhmQE42MeSOgzkAc54qlNRk6kPdf4P1X67lLsehXcCalZmMHKMchlII4pNEvI7ErBZOzNHknI4bnn8KrPp1xYSNNpD/KclraQ/If930NS6Y9nPvmt4/LmztkRicofTHb8KcKjdZKceWX5ryf9MOh2sd0bu1ZrYYYqQMkfKfeuW8LavqVxrNxZ3yyOqEtlmJ2sOMc+uentV6xvGtJwcnYfvL610GUby3TGGbOR34NbVaMp1YTjK3L07iT0sP3N/wA8z+Yo3N/zzP5inUV0iG7m/wCeZ/MUx2bKfIfveo9Klpj/AHk/3v6GgBdzf88z+Yo3N/zzP5inUUAN3N/zzP5imSM2z7h6juPWpaZL/q/xH86AF3N/zzP5ijc3/PM/mKdRQA3c3/PM/mKZIzeWfkPbuKlpkv8Aqz+H86AF3N/zzP5ijc3/ADzP5inUUAN3N/zzP5imuzeW3yHp6ipKa/8Aq2+hoARWbaPkPT1FLub/AJ5n8xSr90fSloAbub/nmfzFG5v+eZ/MU6igCOEkxjIxUlMi/wBWKfQAUUUUAFFFFAHNaj/yEZv96qg/1h+g/rVvUf8AkIzf71Yep6qunusUSGe7mAEMC9W68n0HvUTqRpx5pPQmUlBXkXLu7hsrZ57qQRxoOSax/N1fWs/ZidLsyB+8dczOCD0HQDke/v2qS20SaeeO71u5a6lU7lgHEUZ+nfHr/OtqublqV9Z3jHt1fq1t6Ix5Z1fi0Xbr8ylp+k2umqTApaViS80h3O+fU1cH+sP0H9aWkH+sP0H9a6YQjCPLFWRtGKirRQtFPjikmbbEhY+wq7Fo1y65cqnsTVlHFeL9V1Lw/HDq8EP27SoQUv7NIt0gQkfvVPfb3XuD61s6XPa3WnxXOnqFt51EkeE2ZBGeh6VvnQpiMGSMg/Wqcuh6oNQg+yvZm0AcXCuWEmcDZswMdcgg+o54wVZbgcvLpd03isXYX9zvVs54wABVu4gj0rUlv4lEcNwwjugDgAn7r/nwfrW/Lp9zDkvESB3HNU5oY7iCSGZd0cilWXPUGud4dJNx3vdev9fgYukrO2+5Fc+Ix4ekSRoPNWUENzjGP6111hdxX1st1btujmVWU+xFedxxrqAuNFvndprUho5n5Z0P3WzxkjOD612nhi1istJFvCxYI3zZGOT6e1TSnUnPm+z+TW6FCUpSv0/JmzRWHrFlrFxqtvLp1yY4FAyBJtAOeSR/ECMcHPSqGgeLptX8SXOnSQIiRhypAORtOOueevtVPExjUUJK13ZeY3WUZcstL7HV0xf9Y/4U+mL/AKx/wrpNh9FFFABTI+r/AO9T6ZH1f/eoAfRRRQAUxOr/AO9/Sn0xOr/739KAH0UUUAFMi+5/wI/zNPpkX3P+BH+ZoAfRRRQAUUVQ1DW7DTLq2trucCe6kVIolGWJJxnHYZ70AX6KzRr1mdT+xfvAxcxCUp+7LgZKA+uKNP12z1K48m3EqlkMkTSJtEyA43L6jJH5igDSpsjiONnYEhQScDJp1FAGfomswa9pMeoWsF1BDLnat3A0L8d9rcitCs7xBpUmueH7zTYNRutMluI9qXlm+yWFuoZT+HPqMjiuJ0rxP418PwyaZ420aK5a3g/d65azqIrn5ioLpwVc/KSBkck8dKBSkopyfQveINCshfM8E0kbAtI4fDIueTgcH3603TLq2nthFaSGQQgKS3X2P6U21vF1eyMjAgSbkbBznj1/GsjTrm3064nh0yC41BicSPEoCLt7ZJ5PzUHnc1HDyjOCSjL736L/AIB0tXNPvntJQCcxMfmB7e4rgJtSun8QRC/jmtgzgKCB8gJ4xj1rs6DfD4qGI5uXo7f0jb1zWP7Is45lh87zG2gltqjjqTg1l6VqVxe+IlkbSI4ElQ5mMREirjIJfoQcAY9/atbSbgXFt5MnzNH0zzkVpUBOjUnUUufRW0svzGS/6s0+mS/6s0+g6zD1az1mfV4JNPuDHbqBkB8BTnkkfxZGPWtyiigyhSUJSkm9QooooNQpkX+rFPpkX+rFAD6KKKACiiigApi/61/wp9MX/Wv+FAD6KKKACiiigAqG7lWCDzH6KQamrE1y63Otuh4Ugt9fSgDOlkaaVpH5LHJplFFAGjov/H8f9w/zFb1YOi/8fx/3D/MVvUAFFFFABRRRQAUUUUAFFFFAGfrX/Hh/wMVz79B9RXQa1/x4f8DFYcUJuJkiXqzAZ9KALenWH2uTdJkRL1/2vaugVQihVAAAwAO1NhiWCFY06KMU+gAoPQ0UHoaAGxf6lP8AdFOJwCTTYv8AUp/uinUAZ2m6zDqUrxxxshVdwLfxD1pl/pSupktRtfqV7NVRdat7bxK2mQ2aRmRwHdAAWYjOT69a36iErrc6K9PkkmlZNXR554gttWuNMmTQbxbK/RlZGkjDBsHJQ5BxnpnGRVHRtc/tK0k1EWs1tJC7QX9rJ/yzkTglT0bHqOo9xXf3+nC5keSLiUAf8CrmdT+3Q2bjTYYXuw6gJOxVQCwDEkDPC5PvjFU1dGdOfI+66j/tcCwrOJV2N91h3rq9OvEvbNZEOex5zXnWraeYNq2/ywSyZK9kb27AGul8PStp6QxTHAKhX9j61EZNuzNq1KEIKcHe507f6xPqf5U+mN/rE+p/lT60OUjuLeK6gaG4QOjdQaS3torSAQ26BEHQZz+vepaKVle5XM7ct9Bkv+qb6U+mS/6pvpT6ZJleJIJ7jQLiO1VmkO0gL14YE1H4Wt7i20RUu1ZZDIx+brj8a2aKjk9/mOj279j7G2l7hTI+r/71PpkfV/8AeqznH0UUUAFM/wCWw/3f60+mf8th/u/1oAfRRRQAUyTov+8KfTJOi/7woAfRRRQAUUUUAFFFFAGVrv8AqYf941iL95vr/QVt67/qYf8AeNYi/eb6/wBBQAkkiQxtJKwVFGST2rOiX+2WWadCLSN90UbD/WH+8fb0FSMP7SuGQ82kRwwB4kYdj7Cr4GBgcCuNp4iWvwL8X/l+fpvvf2S0+L8v+D+QjfcP0pR0FI33G+lKOgrsMAooooA5XU/AOmXviu28Q2Mk+l6rE6tLcWjY+0IOCjqcqcjjOM9PQV0f2izuriaz82CaaEKZoNwZkB5UsvbOOM1N/wAtPwqvOI7KG4uoLdPNkIaQqoBc4Cgse+ABz6ClJpJt7DV29CC7t5LVxdafGNwAEsI4Eij29RVm0u4r2ASwnI6EHqp9DXL+EfHQ1y/n0bWrUaXrsGWNqX3JPHk4kib+Ify598b1zZPDdfbbDiQ/62IdJR/j71xyjKjL2lPWL3X6r9V13Wu+6amuWWj6P9GaEZIGRwcn+dbunamJsQ3BxJ0Vv73/ANeudtbiO5g8yI5GSCCMFTnoR2NTV1xkpLmjsYNNOzOvrGsn1Y6q4vgPs247eBgemMc9PWm6Drkeos9uXLSIMqzD749a2H+8n+9/Q1m4qo4yjLbt19Sk3C6aH0UUVsQZuoa3Dp15HbyRuxZQzMv8IJIH16GoNX0ibUrpHiuPLEeBg54P94e9aslvBNIkksMbvGcozKCV+h7Uq/6x/wAK5pUXUUo1XeL26Gqmo2cNxyjCgE5wOtQf2ha/bPsvnr5/9z+n19qsVyf9g3v/AAnH9obf9H8zfuyOm3H1qcTVqUuT2cb3aT8l3HShCd+Z2sjd1XS4NShUzl1aIHayHHB6jn6D8quxxrDEkcYwiKFUZ6AUkv8AqX+hp9dCpxUnNLVmbk2rdAoooqyRh/1y/wC6f6U+mH/XL/un+lPoAKKKKAGRf6pafTIv9UtOVg6KynKsMg+ooAWiiigAooooAKYP9c3+6P60+mD/AFzf7o/rQBhaz/yED/uiqFX9Z/5CB/3RVCgAp0MElxcrHEuWIP4dKltLVrucRrwOpPoK37a0itHVYh1U5Y9TyKAKNvog2k3LnPYIelTf2Jbf3pP++h/hWjRQBj3GiEKWt5M+it/jWBqOjpLdRteRMrKMfUen69q6S91yGy1FLR43Ytt3MP4cnA+tX5EWSRVkUMpU5BGR1FY81OreG9tx6o4KzOtDXL8X4szpmENm0W4Sjj5g+eDz3GOtSXVgTdLe2mFuUGCCcLKPQ/410l5o+0F7Ukgc7D1/CuD0Wx1Hw5rkulxwTXWiXBaW1maXebI4y0TbuduclTzjOOgqqlONSNpf8M+4J2N6yvI762EsYZedrKwwVYdQav8Ah/XWur77BLGV2ElGJzjA6H0rHuIxYXjX8e7y5MC4XPHs34VckvIrN4ZndR84K98/lWFOc9qjs47+a6Pyv+eg3bodpRTIZkuIEmhYMjqGUg9RT66ySjY6xaajM8dszFlG4ZXAYeo9un51V1t9WW4t/wCywCmeeAct757fSr1pplnYyvJawLGz9SCTgegz0HsOKnf7yf739DXN7OpOly1JWfdDur6CSzxQKrXEqRBjgF2AyfTmpK5PxtY3121k1ikjBd6t5YPfGOn0NdNZI0dhbpIMOsShh6EClTrynXnScbKNte9xtaXM3VtGn1DUIbiK58pY1AxzlDnO5fc/0Fasv+r/ABH86fTJf9X+I/nW0KUYSlJbvcVx9FFFaCCmS/6s/h/On0yX/Vn8P50APooooAKa/wDq2+hp1Nf/AFbfQ0AKv3R9KWkX7o+lLQAUUUUAMi/1Yp9Mi/1Yp9ABRRRQAUUUUAcV4h1Ax6tLY2ZD3suSoz/qxj7x+np3qnpejxadLJK0klzdSKPMnmO5j7D0HHT/AAFal3ZW0GtXlxFEqzTMDI/UtxTB/rD9B/WueNJynz1NWtvL/gmSp3lzT36eX/BFoooroNQrRsNKaWbfcjam0EL3PWpdJsVkH2iZcgH5Ae/vWsP9c3+6P5mgBUjSNcRoqD0UYp1FFABTF/1j/Ufypt1cxWdrJcTttjjGWOM1W0vU7fVI5ZrXcAr7WVxgg4FTzxUuW+pPMr8vU4L4pHxXpk8OtaYx1Lw9DGBf6UkQ8yPBOZ1IGXwDyp44yK6C2t4ZPDthfWUkksM0KtukQqxBGQSDyPxrS1fxLaaVcLAR58pBLojDKDjqPx6UmttqF3YiDTrOOe2urWYSO0m1422fu8KRg5OR2xxWKdPnlKOsluZ3hzNrdHF6xItpe22tWsquiMILja+QyE8d8cE/rXW6LdeXdlNwMcuMHPGccGuR0TSp/sd5b6rDIqThVw4KkjnPXmtHR5ZFheCVj5tq/l7sYJA+6fyxWOHb5ua1lPX59fvVn95nSb5r9Jfn/wAE76sqw8OafpupzX1qjCaXOckYXJyccZP45q5Y3Yu7cN0deGHvVmuuUIyaclsdDjGTTa2CuU8ba9eaHbwNYtsaZyGbAJGB7giurqle6baanmO9h8xVIK/MVI49QQazxEJzpONN2fcirGUoNQdmO0q6e90ezupQBJPAkjADjJUE1bpscaQxLHEioiAKqqMAAdhTq1imopM0jdKzCmR9X/3qfTI+r/71UMfRRRQAUxOr/wC9/Sn0xOr/AO9/SgB9FFFABTIvuf8AAj/M0+mRfc/4Ef5mgB9FFFABWZreny38VoLcKWiu4pWLHHyqwJrTooA5htCvpNQWB0QWaXzXgnEnzHKkbMdjluvtT9E0e/t7ywN9HHGmm2b2sbI+7z8lfmx2GEHB7mukooWn9fIHqIyK33lB+opPKj/uL+VOpGOFJ9BQBDO0NvC0kiLhe2BzXLaiial5gnX5X6Afw85GKtXd7JeSAvwo6KOgqsTjrQJpNWZ5vqFgkOr3Ft4etwtxcku7M+1pnAxy3YcY9PatPwR4x0zUNnh+8gGla/agpPpswwxKgEspxhwQc56kZPvTUmim1K41DzFLvcFVUE42r0OenNdDPpt3qV5a6hZw7ZUi2h9vzxBiCwzjkHauR0+UUHh4BrmnWtdt6f4f61LGpLp6wj7dbpIG+UAoCfw9KraVeRKy6fOwMypuhZv+W0fY898dfpWfeJrEXiRzrRi/sfZ+6gEREu/1DAjjFaLQaZ4h0mGXT545I0Obe4tnB8tgccEe4wR7eooO2fPKbqUrXXTZvyf6M27WRba5WTapAPIx1FdMqROgZUQgjIOBXFaddNd2gaVdkyEpKuOjDr+HcexrqNGn8y0MZOWjPr2oO2E1OKlHZlySNBGcIv5U/wAqP+4v5Ukv+rNPoLG+VH/cX8qPKj/uL+VOooAb5Uf9xfyo8qP+4v5U6igBvlR/3F/KmRxoYxlF/KpaZF/qxQAvlR/3F/Kjyo/7i/lTqKAG+VH/AHF/Kjyo/wC4v5U6igBvlR/3F/KmLGnmP8i9u1S0xf8AWv8AhQAvlR/3F/Kjyo/7i/lTqKAG+VH/AHF/Kjyo/wC4v5U6ori4jtojJKcDsPWgCrqVxHa2+EVPNbhRtHHvXOuASCQCSeSR1qzdXLXVwZH47Aegqu3b60AGxf7o/KjYv90flS0UAX9FjQ3xyi/cPb3Fb3lR/wBxfyrD0X/j+P8AuH+YreoAAABgDAooooAKKKQgMpVgCCMEHvQBRGuaaVvGW8jYWTbbgqc+W393jqeeg57Uw+INNFiLszt5Zk8rb5L+Zv8A7vl43Z74x056ViS6BcQDVxYWSRxNcW89vDHtRZBHtJUDoPunrjmmiw1FL99ZGnysXvzP9i3p5gTyBFnrtzkZ69KP6/IZ1dvcRXVuk9u4kikGVYdxUlZvh+ym0/Q4ILkBZRuZlBztyxOPwzWgYwT3/wC+jTe4ijrX/Hh/wMUlhZfZbcO4/euy59hnpVuW2SXZu3YVg33jSyRgKPvfeH8R9aQEtFN8tf8Aa/76NHlr/tf99GgB1B6Gm+Wv+1/30aQxrj+L/vo0ALF/qU/3RTjnBx1qOOMGJPvfdH8Rp3lr/tf99GgDkYdLuoNWm1nVsIIR5hP94gYwMdvrWzoOuf21HM3k7BGQAw6HPb6/41b1Ow+3aZPbIxVpEwCWNUvDujPpNjJFO+53k3/Kx44A/pWEYuM7LY9GpWhWouU/iVkl2RrL/rX+g/rWbq1iGQ3ES4YcuB3960BGPNb73QfxGnGJGUhgSCMEFjzW55x5D430bU0R9d8MLJNqEaKk9l5h2XcSkkDHZ1ySpHqRW54X1yLxF4ctNShjli81cNHMhVlYcEEH3HWt3XrYabFJPCCU2kgEng+lcRearq9vDDd6LYQ3ck13HDPFJKYhtJ5cH1wfToPwrOTUZHVThOpSa6Lb1PT9OvPtMcaOcyR8HJ6jHWtCuShla3nR4yQc88nmujs547yHem4EcMNx4NaHKWqKb5a/7X/fRo8tf9r/AL6NACS/6pvpT6iljAib73T+8af5a/7X/fRoAdRTfLX/AGv++jR5a/7X/fRoAdTI+r/71L5a/wC1/wB9GmJGMv8Ae+9/eNAEtFN8tf8Aa/76NHlr/tf99GgB1M/5bD/d/rS+Wv8Atf8AfRpnljzh977v940AS0U3y1/2v++jR5a/7X/fRoAdTJOi/wC8KXy1/wBr/vo0ySMAL977w/iNAEtFNEaj1/76NOJwMnpQAUVmjxBpb2L3kV2s0CymHdCrSFnBwVUKCWP0BpJfEOlw2sFw1yWjuATHsidzgfeJABKgdCSBg8HFAGnRSI6yIrowZWGQQcgiloAytd/1MP8AvGuVv5JZG+xWjATTZLNn7iYAJ/XArqfEDrHbRu5wqkkn0GK5rT0dhLczArJOwOD/AAqB8q/r+ZNc1a87Ul139P8Ag7fj0Nafu+++n5li3gjtrdIYRhEGAM1JRRXRGKilFbIzbbd2I33G+lKOgpG+430rW0rTvMAnuE+X+BT396YitaabLdYb7kf94961YtItUX51Mh9Sf8KvUUAUH0q0aTAjK/L1DGszUtOksreW4j/exxIXI6HAGf6Vv/8ALYf7v9aS4gS6tZbeXOyVCjY9CMGplflfLuNWvqcFpl3DqUjXJgjE8S+WJQoLbTyRnrjIHHsKTTLrVptS1GLU7CK3toZQLOeOXd56EZyR/CR0qneRppt9JaxSNCfMIJLbTx0Y+3f3yK29QsrltPmtkuGtppoCsdzGoJQlcBwDwcHnmuDA4p14uMvijudGIo+zaa2exnz2ctrM17po+diTND2k56/WtC3nS5gWWI5DfofSuS8I6n4qgvv7D8V6U8zQq5j1qAr5NwqkYLLnKsc9PUHAxk10N3v06R7yFC8THM8ajkf7Y/rWjisM3Uj8L3XbzX6/f3vKbqpRe/T/AC/yIfD9ndaXqDzuNuBgc9ef5V3lvdLdwxyLwd2CPQ4NctDNHcQrLC4dGGQw71o6XceVeJGzYRz39cVvQpwp00oO6M6kpSleW50NFFFbEBTF/wBY/wCFPpi/6x/woAfRRRQAyX/Uv9DT6ZL/AKl/oafQAUUUUAMP+uX/AHT/AEp9MP8Arl/3T/Sn0AFFFFAFO7mMGmO6nDEYXnHJ9KmtP+PGD/rmv8qytWnykUAPQbm5/KtW0/48YP8Armv8qAJqKKhvLpbO0ed45ZAgzshjLsfoBzQBNRWDF4me606ynstPeS4u1d1t3kClVQ4OTg89OKZJ4thMEdzaWrz2v2aO6nk3hTFG+dvHc8HI4xigDoaYP9c3+6P607cu3dkbcZzUYlj85jvXG0d/rQBiaz/yED/uiqcMTTzLGgyzHAq1rEiHUDh1PyjvVrRoo1U3DumTwmSOPU0AX7Oyjs48Ly5+83rUx/1y/wC6f5ijzo/+ei/99CmmWPzlO9cbT3+lAEtFM86P/nov/fQo86P/AJ6L/wB9CgCnq0tvZWUmoz28cr2y7kZlBZfoe1VfD+uDXbY3Aj2GNmQgd+h/rWBquu3Gu3Fzo1nGAu5lbDDLBT7nFbXhnSV0PT1hkmRpJCXfDcA4Ax+leTSxE62L/c/w0nd26ltJR13N6s3UtNEytNAMSAZKj+L/AOvV/wA6P/nov/fQo86P/nov/fQr1iDgNJTWRLqC649pLCblvsZgUg+SegcHuOnvis3VLGbzobKJcx7maHkdOMrye38q67xLodlqOmXEEhzbzrtkRH2ke4I5HrXndnN4hhkvNH1eCSdNNZbmy1ZiCtzGM4V/+mgwc4H5ZGeHG01Kk5dV+XVf11Ki9T03w3M0NnFZTHLJGAOe4HIrdri7O9Se3huYnC71DDDfdPp+FdPp+oR3Vv8AO6iReG5HPvXXBxcU47El2mP95P8Ae/oaPOj/AOei/wDfQpryxkph1+96+1WBLRTPOj/56L/30KPOj/56L/30KAH0yX/V/iP50edH/wA9F/76FNkljKcOvUd/egCWimedH/z0X/voUedH/wA9F/76FAD6ZL/qz+H86POj/wCei/8AfQpsksZjOHU9O9AEtFM86P8A56L/AN9Cjzo/+ei/99CgB9Nf/Vt9DSedH/z0X/voUjyxmNsSL09aAHr90fSlqNZY9o/eL0/vUvnR/wDPRf8AvoUAPopnnR/89F/76FHnR/8APRf++hQARf6sVg+NrX7R4ZuHM80YiAbZG+0PyPvdyPbP1rdhZWjAVgSOuDUlA1ocNrPk/wBvy+Zs/tYT239n5/1nl7l8zZ3243bsfjSaWYT4lt/J2f21/aFyNQx/rfI+fZv77MeVtzx0xXdUULQXSwhBI4OD9Kbtf++P++afRQBzGohv7Qm+b+L09qqAN5h+bsO31q7qP/IRm/3qqD/WH6D+tABhv736Vb0+xa8mIZ8IgyxA/SqyqWYKvJJwK6e0txa2yxjr1Y+poAesbIoVWAAGAMUgV/Ob5/4R2+tS0wf65v8AdH8zQAbX/vj/AL5o2v8A3x/3zT6KAIZrcXELwz7XjcYZWXgioLDTodPjeKzURpuyepJOO5JzV2mL/rH+o/lU8qvzW1FZXucFpWg37ePLmW/tme0WaWRTKm5BkkqRnjPI6c13u1/74/75p9c5rOuySzHTdHMn2zzNpYKBnAJKqT3478YBrkhCng4PW938/Q54xhh4vzZy/j261TwZqJ8SNJdaloNw6rfwBN7afhQvmp38vgbl7ElhjJqs1/C2s6dq1hcJNY6hGIvOiyVbPKHI6+gz711fhXXZtftZbW/ijlAiId1+YEE42v2yQf0Nc74qSexurHTLTSLi5hln2LcW20LZFVyjlTj5f8PUgU5SWJoqdLfdfL+rA5e2p80PU6KzuJLW4DhuDw3HarWleKbbV9WmsLfcHjBIYr94A4NYunXn26zWRgFlUmOZMg7HXhh+f6Yp3hjRodN8RS3jTcyqyqMYzk55q5yqScJUtnv6FylOXK4bdTtNr/3x/wB801VfzH+f07VLTF/1j/hXSbBtf++P++aNr/3x/wB80+igBm1/74/75pqK+W+f+L0qWmR9X/3qADa/98f980bX/vj/AL5p9FADNr/3x/3zTUV8v8/8XpUtMTq/+9/SgA2v/fH/AHzRtf8Avj/vmn0UAM2v/fH/AHzTY1fZw/c9vepaZF9z/gR/maADa/8AfH/fNG1/74/75p9FACKCPvHP4UtFFABRRRQAUj/6tvoaWkf/AFbfQ0AcjVDW7o2Wi3Uykhwm1CBnDHgfqRV+sXxFm5fT9NXcftVwC4XAzGnLc/kfwoOXGTcMPJx3tZer0X4srx6U+mWNo1s/lShAJDJIg2kjkAtgda9H0yJ4dNgWYIJfLHmFOhbHJrnJtGTUbF5pZ2t/KDFZAMgcckijwNdbo7m0kuy7RBNlu77mVf7w9jkDHbHvQctNrDYiNFL3WtNe3l/X+UUehadqHiG6E98lzJlyEG4Nn03d8dMD0rjbv4Y2Wla1JqnhW7vdBu/M33MFlJ+5usbvlaNsrn5jg4wvYZ5rtb+1utI8SfatL0+WdGUsQFLAkn5gD/Cfr60lvfz62bi5+zKiw4DMhJHfj6jAz9RQLCzp05yotWk2++vzZy0OrT2OuhryzmSG6jPmziHZGpXhck9znHv+FdNoWtJJeM4RkCD5h1yp/wD1UlzAt1bSQyZCuuMg8j3rzq1bxtpd7PqGj+Trlm0xS40qULbywEOOY2wAfkOTuPb8KDaClRrKnzaO7+fX87/ee6l1kt98bBlYZBFSVzNhqc8Foi3EYG5QXjDbth7gHvW/BeQXAXy5F3N0Un5vyoO8nooooAKKKKACmRf6sU+mRf6sUAPooooAKKKKACmL/rX/AAp9MX/Wv+FAD6KKZNMkERklOFFADncRozucKoyTXN39613McEiMfdX+tSX2pPd/IuUi/u56/WqNABSN2+tLSN2+tAC0UUUAaOi/8fx/3D/MVvVg6L/x/H/cP8xW9QAUUUUAFFFFABRRRQAUUUUAFMk+6P8AeH86fTJPuj/eH86AH0UUUAFB6Gig9DQA2L/Up/uinU2L/Up/uinUAFFFZEPiG3m15tMWNg4ZlDZ7gZP8j3pOSW5pCnOabir21ZqL/rX+g/rT6Yv+tf6D+tPpmZgxeGgkNyk03nCVcAYxk+p9T/ia5mS2szHLpiKysxI3EZAcV6JXPavpkMN4LyOJQZOCQOhrPkVrI6ViJuXPJ6/qtjzHxBq3iPR3tfEVg5v7G3QwajpJUK/BJMsZ6l8dV/Ku80bVxdWNvqNj5qR3EYdVmiZGwfVWwRWFr9o0U6XEOVRzh8HgN6/j/Srd7NrEM2lDSbS1ubaSTZetLMUaJNvDJgEHkdPce5ChJ/C+heIpxsqsNpX07eR2dtrMUnFwPKb16g0mq6sbG3jktlSUOxBcn5V/KsOnxTSQtuicqfY1o02tDmhJRknJXRo3zatcG2ms0McLxKzoSBtY9Q2eemOnvW3WZbaolxAY5jslxj2atOklYc58ySslYKKKKozCmR9X/wB6n0yPq/8AvUAPooooAKZ/y2H+7/Wn0z/lsP8Ad/rQA+iiigApknRf94U+mSdF/wB4UAPpssUc0TRzIskbDDI4yCPQinUUAcpHo97ZQLJBZbvs+qPcJbRui74ipUbckKCM5wSOlV4dH1SyjWdbFp3uFvFeBJUBgM0vmLnJAIA4OCeema7Oij+v0GVdLtXstJtbWRgzwwqjEdyBirHlr7/99GnUU27u4tjA8T2huIbaPP7rzMyAkncB0H51mKgy319fat3Xf9TD/vGsRfvN9f6Cs1BKTl1ZTk2kg2D3/OjYPf8AOloqySW0s/tUxXnaASxyeBXTJCixqqggAYABNVNPtDbWLFxiRwSc9varw+6PpQAnlr7/APfRo8tff/vo06igCLy184Dn7vqaf5a+/wD30aT/AJbD/d/rT6AOd8S+HJNZkt2gkVPLBDBmPQ45/Std9Ohls0glySigBgTwcdat0VhChThUlVjvK1/kaSqSlBQeyOTms3tnKyqcZO1s8EZrOiEtjFe3OrXsX2dXaVXI8tYIgM/MxPYAkk12z26XNs0cgyCTg+hya5fUrA+VPZzqjCRChDKGVgRjkHqPatzM5rQNYgupgsTRm2uR5kDRtlOeflOcEHtj+tdGV2spXIOeuTXJ+GfBT+HFvLS3uI102T57a3Cktavu3EK3dc84IyPWujs7v7THtfHnRPtkA6Z9RXBhVOj+7n12/wAv1/4Y6Ktp+9H5/wCZ2NpJHdWySLnJGGG48Gp/LX3/AO+jXO2WrRabxdvthc9hnB+g5roYZo7iFZYWDo4yrDvXbzRvy31MLO1xfLX3/wC+jTFjXzH69u5qQMG+6QfpWVda2lnq4tGhZtxUFgememB3qalWFNXm7IcYSk7I1PLX3/76NHlr7/8AfRrN1q51C2WH+zoS4YneVTeR0wMeh559q0Yi7QoZVCyFQWUHoe4ojUUpuFthuLUVLuNljURN16epp/lr7/8AfRpJf9S/0NPrQgb5a+//AH0aPLX3/wC+jTqKAIjGvnL16H+I+1P8tff/AL6NIf8AXL/un+lPoAb5a+//AH0aQxoBk5A/3jT6oatcmG12KcNIcde1AGFO4nnZzk5PHPauktI1+xQdf9Wv8R9K5dPuCuqtP+PGD/rmv8qAJAgU5GfzNKRlSPUUtFAHOp4du7S0sfsN3Ct1aiVN8kZKsrnJ4BzkcVC3hGSK1WzsrtUtZLOK0uN6ZdlTOGUg8E7j19q6iigBFUKoUdAMCmj/AFzf7o/rT6YP9c3+6P60AY+oQNc6wsS91GT6CtlEEcaoowqjAFNECC5afq7AD6CpKACmH/XL/un+Yp9MP+uX/dP8xQA+iiigDJsvDtrZaxLqETMZJCx2noC3WtM/65f90/0p9MP+uX/dP9Kzp0oUlaCsNtsfRRRWghGVXUq4BUjBBrkLySCHVGtElDOrHAH06Z6Z9qvy+KPsuoXEd5blIImK5AO4YPBOeMHt06imSWen6nbjV7EOXZi2CeAcHdx0zXIsTGpNRpNX633sVa25w3hj+0bO/Ww1GZJXTeHaJSsbkZ5VSTge1dtZ3TWtyrgnbnDAdxWD4h0u4v8ASpxpdybG/wBh8q5jUFlOMenNYXgvxPfX1q+i+IWSHxBbI2CU2pdIOBKnr6MOoPbpWeGj9XvRb7tenb5f5A9dT12C4juYw8TZHcdx9ac/3k/3v6GuE0CG7sNUa9umbknKEjLZ9SO3p9K7hJknSOSJsqW/oa66c5TjeSsJk1FFFaCCmS/6v8R/On0yX/V/iP50APooooAKZL/qz+H86fTJf9Wfw/nQA+iiigApr/6tvoadTX/1bfQ0AKv3R9KWkX7o+lLQAUUUUAMi/wBWKfTIv9WKfQAUUUUAFFFFAHNaj/yEZv8AeqoP9YfoP61b1H/kIzf71VFGZSB3A/rQBpaRa+dcea4ysf6mt6obWBba3WNR0HPuamoAKYP9c3+6P5mn0wf65v8AdH8zQBVg1ewub+SzguVeePO5MHt1wehx7Vdri9D8LX9h42udSnCi3ZpGVtw+bccjHOe/cCu0rmw9SpUi3UjZ3f3GNGc5xbmrahTF/wBY/wBR/Kn0xf8AWP8AUfyrpNh9UJ9E0+4lmle3USzIyO44OGGCR2Bx3q/RUyjGWklcTipbozNG0SLR1m2SvK8pG5mAHAzgY/E1x/j+6u7fWoBal1XygxK56574/rXYeIdX/sPRZb7y/MKEAA+pOKo6Xdx+KdA+1vbxiXcQm5QcMO4z0ziuSag/9mpuz3+Vznko/wAGLs9zzvxXqes+FPEMOvw2v23w+8Kw6jDbx5nhYE4mx/EACAR2A/Ls4ZUngjmiyUkUMuVIOCMjg8j8acyhlKsMgjBFYthLf2euHS5VgawWDfDK0hEpOfu7eQQB3yDW91TklbR/n/wfzNbqDS6P8zuNJvTMhhmbMi/dJ7ir6/6x/wAK5aKVoZVkQ4ZTkV0Njepd7yvDjG5fStjQt0UUUAFMj6v/AL1PpkfV/wDeoAfRRRQAUxOr/wC9/Sn0xOr/AO9/SgB9FFFABTIvuf8AAj/M0+mRfc/4Ef5mgB9FFFABRRRQAUUUUAIWI6KT9MUx3Plt+7bp6j/GpKR/9W30NAHIbj/dP6Vh25+3+MLmY4ZLCJYowDnDNyT1xnqD/wDWrd6dax/Cyl9La5kOXuriSV+MAHOOP++aDhxC561Kn0u5P5bfi0/kdNo+r2dy62CRyM+H3B1G1+xA5/nWRfeHbnStbF/oq+VCuZW3yIBG3O4tk524Pb1NaF1Bdad4mgOl6cvlyABpAhO7+9k9F4+matL4ZB1ye9nuPMhmDho8csGGNpOeVGeB7Cg5KsJ4hcso3lGW60t5+ZpWOq22pRNJZFpApwwK7SPwODVrcf8Anm36f41lxx6X4YtWZpGjWVuS2XZj9AM1elke4015NOkRnkiJhcn5SSOD9KD0qdSXLaduZbpHHSahI+uXFt9kaJFZsA9Vx3Pseo+orIuQ+neJSYysSapGUDHA2SqOD+OfxJrrrOz1aXTJv7W3b1YNEHZS2Mc5K8YrJv7GO/txHISrIwkjdeqOOhFByOnUrUFPXmTur6P0+auvmZL+HLfUI4Tr9ql4bWcT24kYuI3Axu569e9UPEfjtvCeqf8AE60G/XRcD/ib24E0aElQd6L8yAFup644Brfsb77RC8FwUW8hO2VAwOTx8w9jmm6rfwQA21zbC4iljIlRgCrIeCMHrxnig6qdSnGkpJ6Ghp2uC7s47nS7xbq1kGY5YZVkRgDjggkdscVqRa7Kv+uh3e6kCub1Oyvm0lbXw/cwabKhRUdoA6Ig6qFyB04HpU8l/a2c1ra3t7Clzc5WFJHCtOwGTtXue+BQdB1UesW0jY+dD23AD+tWUu4pGxGysfRXU/1rlqKAOt3n/nm35j/GmRsfLHyMfy/xrnodQuYfuykj0bmrVtrbrGBLEG91OKANref+ebfmP8aN5/55t+Y/xrOTXISP3kcin2wanGq2ZA/e49tp/wAKALW8/wDPNvzH+NG8/wDPNvzH+NVf7Vsv+e3/AI43+FI2rWaqSJCx9Ap5/OgC3vP/ADzb8x/jTFY+Y/yN29P8aovrkIX93G7H3wKzZdSuZpXIcopA+VaANa71WO2yqqXkx0BGB9eaxbq9mu3BlBwOijGBUNFACbj/AHT+lG4/3T+lLRQAm4/3T+lNYnj5T19qfSN2+tABuP8AdP6Ubj/dP6UtFAF/RWP24/Ix+Q+nqK3t5/55t+Y/xrD0X/j+P+4f5it6gAByOmPaiiigAooooAKKKKACiiigApkn3R/vD+dPpkn3R/vD+dAD6KKKACg9DRQehoAbF/qU/wB0U6mxf6lP90U6gArFh8ORw+Im1UTEsWZgm3uQR19Oa2qKlxUtzSFWdNNRe6sxi/61/oP60+mL/rX+g/rT6ozCoLyD7RZyRgZYjK/WnSXUEMqRSzIjv91WbBNS0Ds1ucbKivhJFBU5BBHtWdiTR3yu6SxY8jqYf8RW/q0Bh1DOPlkJYf1/WqlTKN9eprTquF4tXi91/XU4jxDq934WvG8S2BuNV0a4dBqVpH85tQFA8+MZyMALuTHPXjk12FjfW2pWEN7YzLPbToHjkXoynvUE+kwyuzws0DsMN5fRhjHI6Vk32satoM2n27aK1/ZySeVLdWrhfsyY4Yoeo9emO2TgGeZr4i3ShJXpO/k9/wDg/wBaFmHULh9blgZv3YZwB9M4/lXb6XqAlUQzt+8H3Sf4q5pFtpQ1zAEYsD8685o1F5I9OmeEkOBwR16046K5NS05qKVuh3FFcv4O1SSawaC9djJ5pEbMc5GBx+ea6iqi7q5nUhyScewUyPq/+9T6ZH1f/epkD6KKKACmf8th/u/1p9M/5bD/AHf60APpGYIpZyFUDJJ7UtRXNul1bSQS52SDBxQNWvqLDPFcR77eRZEzjchyKWTov+8Kr6fp0enQskTM+9tzM3UnpViTov8AvCkr21HNRUny7D6KKKZIUUUUAFFFFAGVrv8AqYf941iL95vr/QVt67/qYf8AeNYi/eb6/wBBQAtW9Nthc3ihvuqNze/tVSt7RYfLtGkPWQ/oP8mgC/J/q2+hpR90fSkk/wBW30NKPuj6UALRRRQAz/lsP93+tPpn/LYf7v8AWn0AVbzUrTT9n2uYRlz8owTn8u3vVkEMoKnIIyCO9c34s0K61iS1a0AIjDKwyBjOOeSOOK6KBDFbxxtyVQKcewrlp1Ksq04SjaKtZ9+5tKMFTjJPV7hF9z/gR/maralZG7hBjx5icjPf2qzF9z/gR/mafXUYnIspVirAgg4IPauXOl6T4It7jUrGFre1eV57wDc4APJYDk8c8Ac5rvdZtNrC4jGAeHx6+tYd3bpdW7QS/dfg+3vWNeDnTajv09TSnJRlrsU7C/0vxPo8F/plyl3ZzDfFLEcf/XBHQg8joa6eC4T/AIR64ggzG8Nu4GPoeRXnnhjwbY6Drt5eadPc2u84uLCNwLd3xxNs5wSvvjOeOK6ix1G3vY/tGnXMcyI5TfE2QGU4IyO4NKPLVhzpWbXzXl8gd4St2LHgUXCpfC4yOUKjII/i9K6fyY3uTI0as642sVGR9DVXSbmKWAoqRxyA5KoMbvfFU/EOuNokaOkYdpWxluQMD6j+dc9OMMDhUqjuo9fmaycsRWvFas3KKgsbn7Zp8Fzt2edGr7c9MjNT13RkpJSXU52mnZjJf9S/0NPpkv8AqX+hp9MQUUUUAMP+uX/dP9KfTD/rl/3T/Sn0AFc3qU5nvn5O1DtH4Vr6le/ZYdqEea/A9h61ztACJ9wV1Vp/x4wf9c1/lXKp9wV1Vp/x4wf9c1/lQBNRRRQAUUUUAFMH+ub/AHR/Wn0wf65v90f1oAfRRRQAUw/65f8AdP8AMU+mH/XL/un+YoAfRRRQBleJNTl0nR3uYAC+9VGR0zSeH9Rk1XS7e6nADsHBx3wcVfvbKDULVre6TfGxzj3ptrZw2EcVvbJsjVWwPxFcvs631nn5vctt5laWLNFFFdRJm6/pbavpElpG6ozMGBbpwaZoultpOkwWcrLIQ7FscjnJx71q0x/vR/739DWHsIe29tb3rW+Q7u1jmbqD7NdPFnO08H2rBv8AT7OPVLbWWtkkktt6s4XcYwwGXA9eACRziuv1+1Z7czxZ3BSp/pXG6BZXNubgXana4Aww69c9aiveUowS+fZoaJdE8Q2+uzajFb215A2n3Jt3NzDsWXgEOjchlIII5zggkDIz0FletaTIDzGzfMPT3rl9RjvtE0+6fQ0hkMinyYrlyI45O2SP4SevpUXh/wAWQavpEcuoKtlqMLeXe2WSWgkHUYxkjuD0IPU1dOreL9po1v8A12f9aia7HqKsGUMpyCMgjvS1laJeCa38rduwNyHPVTWrW4gpkv8Aq/xH86fTJf8AV/iP50APooqC9uhZWUtwyFxGM7R3pSkoptgT0yX/AFZ/D+dVNJ1MapaNN5RiKuUK7tw6A8HjPWrcv+rP4fzqYTjOKlHZgPoooqwCmv8A6tvoadTX/wBW30NACr90fSlpF+6PpS0AFFFFADIv9WKfTIv9WKfQAUUUUAFFITtGTn8Bmm+YPRv++TQBzuo/8hGb/ep+jwebqJcj5Y1DdO/OP8+1Rai4/tCbhvvf3TWppEXkQszK26QBvungc4/z70AadFM8wejf98mjzB6N/wB8mgB9MH+ub/dH8zR5g9G/75NNEg85jhvuj+E+9AEtFM8wejf98mjzB6N/3yaAH0xf9Y/1H8qPMHo3/fJpqyDe/DdR/CfSgBDeWwuxam4jFwRkRbxuI+lTVjvodpJrY1ItP5m4OUx8pYDAPTPYVq+YPRv++TWcHN35l6ERcteYq6tpcGsac9nc7gjkHK9QQcimaNpcGj2X2O23FFOct1JPWrrTIqktuAHUlTTI5VZmZckHGCFJ7Uezhz89tR8sebmtqZOq2PkubiM5V2+YehNch4symkpLFkTRygxyL1Q4PNeizBJoWjdWwwx9w1y17aoGe3uU3qD3U8+9KtT9pTcO4qkeeDieZweLbrwpcR3mptcXmiX07fbGI3NpUrNw3qYXJJxj5TkA9FrvbtJ7yKOTTrgKpwwIcqHUjg5FQanaLHClza2yyfZ0KvAUJEsZ6r9c8jPf61Xj8RT3GuWcFjpU11p11EzSX6SKBbOv8DoeefUfkeSMYar2NV62+9d/8/8AgmcdV7Ob1/M9B0qYy6bCHkMsqIEkYjBLAcn8etXK4JI72HXI7yG4IhVlJTLDgdVx0IPPPvXbW95HcwrIgbnqNp4NdEG9rbGsb7WJ6ZH1f/erkNP8W3l145l0qRF+ziSSMYXkbQcH68evfp6dakgBbhvvf3TWdGvCsm4dHYmnVjUTcemhLRTPMHo3/fJo8wejf98mtzQfTE6v/vf0o8wejf8AfJpqSDL8N97+6aAJaKZ5g9G/75NHmD0b/vk0APpkX3P+BH+Zo8wejf8AfJpscgCdG6n+E+tAEtFM8wejf98mjzB6N/3yaAH0Uitu6Z/EYpaACiiigApH/wBW30NLSP8A6tvoaAOD1qdbbRLyRwSPKYce/H9at6BbPDBp9u4DtGiK23kHAGay/EhzpkcJ+5PcRxOPVS3NdLosWb5cHAjQn69v60HHH3sVJ9opfe3/AJI3m/1ifjUF9qdlpse++uY4RtLAM3LAdcDqanb/AFifjWPr/h+y1RXuLy4kt1WEpIykY2DJ5yO2TQbV5VI026STfmZWta1aavpKyQ2sjGOXDGTjysjg5Ukc9OtdLpeP7JtdsBtx5S4iP8HHSsjwfZWNnZ3H9n3In3uN+IjHt44+U8/jW3dXPkW07wp50sUZcQqfmYgcD8aDjwsZ2+sVWrtdLdPNbk9c3qVv9nvWCjCt8wqv4Yvdc1HVJ570/wCiAkccIfQKOuR3rb1mDzLQSgDdGeT7Gg6sPXVeHOk0vM4e70cwXD6hYP8A6Qm5gjjIbPVeOak0e7k1JGluY1ZUPyMUwVbuPw4rVf7hrI1C0u7K6bUtKHmMcefak8Sgdx6N/P8AQhz1KfsJe1pr3eqX52/T7vPYrI8R+F9L8U2KWurwFxFIJYZY2KSQuDncrDkHihfEMEnkNBE7pKASTwV5xjHqCK16Drp1YVVeDuckmk3Pg/wbel9U1bWzbxh1EmHl2IPuIBjJ9zzW5oE5utDtbkmXE6CRRKjIyg8gENzWjWV4i0zUNV0sQ6Pq8mk3aSrIlwkYkBweVZTjKn0yKCuRc3P1NWkT7grB8J3PiWTS5I/GNlaW13buYhPbT71ugP8Alrtx8gIxwTnrwvArchdJIVeNldW5DKcg0Fj6KKKACiiigApB99vwpaQffb8KAFooooAKKKKACkbt9aWkbt9aAFooooA0dF/4/j/uH+YrerB0X/j+P+4f5it6gAooooAKKKKACiiigAppcA9G/wC+TTqKAG+YPRv++TTJJAVHDfeH8J9alpkn3R/vD+dAC+YPRv8Avk0eYPRv++TTqKAG+YPRv++TSGQY6N/3yafQehoAijkAiThvuj+E0/zB6N/3yaIv9Sn+6KdQA3zB6N/3yaPMHo3/AHyadRQBEJB5rcN0H8JpTOgcKSQx6DHJrLs4NTXXJnuJM23P8WQR/CAOxFV9ftPsjPrIlJMOxvLK98gDBzwPUd+eRms3NpXsdMaMXUUObft37F680q2vbxLiUzBlABCjhgDkZ4/lWh5g9G/75NZ2gaq2sab9odAjK5Q7ehxg5xzjr61p1UbNcy6kVfaRfs5/ZKV/bpeIincrAkqdp44rnpAYpCjqwYHB+U11bf6xPqf5VFc2UN0v7xcN2YdRVGJy+4eh/Kq97E9xbGOM7STyCDgj0rXu9LmtvmX96nqByPqKo0nqOLcXdHmeu6n4g8A6+dRuFW+8MXgVJPKiIawk6ZYdWQnnd2zjAwN3f2OqW2owq0JOWUMUI7H+Yq1MiyQukiq6sMFWGQaxdUlvx4lsYLTSXkhkjdm1FJV2wsOiOh5II7g59qjlcfh+46vaxq6Vd+/+fdfivwNoOIUzGpXbyMLjFWfCviO41SaaG8OSihlIXk/lWdZ38d3mJlaOdR88TDp2/EVNa20VlIZLZdjE5zmn8VnF6EteyUoVI+8dl5g9G/75NMSQZfhvvf3TTbS5W7txIvB6EehqSPq/+9VnML5g9G/75NHmD0b/AL5NOooAb5g9G/75NM8wecOG+7/dNS0z/lsP93+tAC+YPRv++TR5g9G/75NOooAb5g9G/wC+TTJJBheG+8P4TUtMk6L/ALwoAUSAno3/AHyadRRQAUUUUAFFFFAGVrv+ph/3jWIv3m+v9BW3rv8AqYf941iL95vr/QUATW0P2i4SIHG44zXUogjjVFGAowBWLokG6Z5iOFGB9a26AGyf6tvoaUfdH0pJP9W30NKPuj6UALRRRQAz/lsP93+tPpn/AC2H+7/Wn0AFFFFADIvuf8CP8zT6zNUsbi/sVjtZRGyyEkMxAYZPGR+dXbOGS3s4oppPNdFAZ/WslOTqOPLp3L5Vy3uOniE8DxtwGGM+lctcRNBP5b9VbFdbWVrVn5kazxr86n5sdxitSDmL1Wt5FvY8/INsqgfeTP8AMdfzqLVzqEHh64fwxBaSXyx77aKfKxOc5wcY6jOOnJGa0iAwIIyDwapWb/ZpmspDjacwk/xL6dO1c2lKp5S/P/g/n6mvxw81+X/AKHgrxlF4lsXuIoJrDUbOTyb6xnUh7aXHKn1B7HuPQ5A6e9ht/EQSGZxBKjZXcu5W4+oqgy+UkrwRKZG+YgYXe2MDJ+gAz7VFp8t1LZxS39ulrdMoaSGOXzBGfQNgZ+uK1qU4VYOE1dMiMpQlzR3OztLdbSzht0JKxIEBPUgDFUte1Q6PpbXSoHO4KAegz3rJt/Ed2mrRWcsSNCSFLkHcQf4s9MD6dq3dR0+DVLM29xnYSGBU8g+tYzcpUpQo6NaI0jZTUqmzINK1E6roaXjIELhgQPYkf0rSqpa2MOnaYLW3z5aKcZ6nPJq3WtFTVOKqfFZX9SJ8rk+XYKKzNO1+z1O9ltbYtvjBb5gMMAcEj8x1xWnTp1IVY80HdClGUHaSGH/XL/un+lOZgilmOABkmmn/AFy/7p/pWTq1+sg+zwnIB+dh0PtWhJQu7g3Ny0h6E8D0FQUUUARsHNuwiIEm07SegPatzw7Hfx2R/tBiVIXygzBiBjnp26frWMn3BXVWn/HjB/1zX+VZyppzU7vQpStFomooorQkKKKKACmD/XN/uj+tPIyODj3qIK3nN+8b7o7D3oAlopmxv+ejfkP8KNjf89G/If4UAPph/wBcv+6f5ijY3/PRvyH+FNKt5y/vG+6ew9qAJaKZsb/no35D/CjY3/PRvyH+FAD6Yf8AXL/un+lGxv8Ano35D/CmlW85f3jdD2HtQBLRUbDYhZ5SFUZJIHA/Kq1lqFvqG/7LcMxT7wK4/HkdKlzimot6sC7Wdrd7NYWSTW8Yd/MA+YEhRg8kD8vxqs2uAa5/ZyqzAMEMgYZDYz0x0981qurbk/eN970Hoay541oyjTlqtPRj23ItPne+0yKa5i8tpFO5McHnGeex6/jWVqen/ZWEkWTGx6f3TW5sb/no35D/AApJIfMjZHdirDBGB/hWsU1FJu4jk3VXQq4DKwwQe9cbr0DWsrQ2lrHcXQQ+SQAjSnHyRs59+Ae2a72/0+Szk4dmjY/K2B+RrJvdOgvFAnBJPAccMvuDXLi6EqsPc3/NdiouzJtKeaCws2eNoJkiTdG5BKHAypwSDjpwSK6pdTthaLPPMkSk4O8459K8s1+58XQra3XhtYLyWxcrf6ZKVT7WhAw6SY+UjkgY7nrjBnh1C58T+HLG+htLuyZy3mW1whV426EdORkde9OpWccO6lJXa6f12BLWzPVlYMoZSCCMgjvTZf8AV/iP51V0u3lt9ItIZXIeOBFYDB5AFWJFbZ/rGPI7D1rpi3KKbRJLQQGUhhkHgg96Zsb/AJ6N+Q/wo2N/z0b8h/hVAKkaRIFjRUUdAowKSX/Vn8P50bG/56N+Q/wpsit5Z/eMenYUbAS0UzY3/PRvyH+FGxv+ejfkP8KAH01/9W30NJsb/no35D/CkdG8tv3jdPQf4UAPX7o+lLUao20fvG6eg/wpdjf89G/If4UAJcTrb27yt0UcD1PpUlc9ql2083lJI3lofbk+tb2xv+ejfkP8KACL/Vin1HCCIxliakoAKKKKACiiigDBlg+0a4ydt+TxnitteJm/3R/WqdpFnU7qUgcHaKuD/XN/uj+ZoAfRRRQAUwf65v8AdH8zT6YP9c3+6P5mgB9FFFABTF/1j/Ufyp9MX/WP9R/KgB9RXIma0mW1ZUnKMI2boGxwT7ZqWsHxhrNxomhi5tMeY0yx5IzgEE8dfT0NZVqkadNzlsiKklCDk9iC00nVb/SLq11ed4vMZTEXYOwx1zg8g8cZ9a1dG07+yrL7L5pl2nJYjHX0HYVH4a1GXVvDtre3AAlkDbsDrhiuf0//AFVor/rH+o/lWdCnT5Y1I66bvs9SKUIWU12H1heKm+yaTJqCKGaEDI9QTj+tbtVtQsYdT0+WzugTFKMNg89cg/mK2nzcr5dzSV+V8u5xOjakdUsmmZQpVyhx34B/rUNxB/Zl099aK3kuwNzEi5yMffA9R3x2q5N4Ql0i+WaxnLWe4M24/MpxyMAYIOOvHX87I++34VhGEqkEp6SXUyjGU4+9ujhj4m8Q+H/E8sOt2M2saDqMqvp2o6db7mtg7ACKVB2G4YYZJ98kL6Pp199jlIfmNuuO3vXLzSS+H7oMqNJpUn3gDk2zZ6gf3D6dvbodGFr86lP5q2xsCimB0dvMLfxBhjGOmCD+FaU6nPeL0a3/AK7FwnzaPdHUW+i6ampNqlvCv2iTLbwTjJ6kD1P9avR9X/3qwdM1NbdzE7Bo884OShreiIYMVOQWyD+FaRjGK91WKjFLYfRRRVFBTE6v/vf0p9MTq/8Avf0oAfRRRQAUyL7n/Aj/ADNPpkX3P+BH+ZoAfRRRQAUUUUARG6txP5Jnj83/AJ57xu/KnJNFKzrHIjshwwVgSp9/SuPWBbfxLLJZ3n2m9muyXtpLRF8pCPvBiu7jjndg56UeF0U6lp32aJo5INPePUcoVPnbkwG9WyHOfr60LUHodnSP/q2+hoZSejFfpimOjeW37xunoP8ACgDz3Vv3utaVCvzYkaR068BepH1rrdCQF5pCOQAoP16/yFcgAZ/Fx+Yr9ltvru3H9MYrttGhdbDd5hw7kjAH09Pag48NrOpPvL8kl+aZn+Iz/aMJh068jM1ruklhEhBIA9uc0/w5qX9s6VJaXsW5oo1jlYtuEoYEdcDng5H05qxa+H7ay1U3kMkxkfcQGIwueTjj+daUdusSkRHYCckKoGT+VBFOjVdX2s3a+jW6a6HIS6nHYSNYeGre4EpkPmylPMLbeOMkng+orU0vQJk1OPVry4Kzupd4QvRmGCC2eVGeBjsOeK1o9Ot4bp7iKNUmf7zhBk/pTrq3lns5oorh4ndCqyAD5SR1oJp4Np81TW2qS0SLFBAIIIyD1rD0Wxn0e3lXUb5MudyoHyFAHJywB/TtV3T9TtdT8z7Hcs5jI3Apg89DyOlB1U6yklz6SfTqZGp2ZtJSF/1bcqc1Wqz4h0/V7q+ia0lY2ygHG4AKc85Hf9axNSvbqzuI44Yi4PXI+8c/dHofz60C9ulzcyat+PoQ6hY3VvdfbtIjhd+TLBIP9YfUejfzq7p2ow6la+bCGVlO2SNhhkbuDVraf7x/SsvUbW4tmN/pa75wR5sOcCZfy+96H+fSgxlCWHk6sPh6r9V+q6+u+rRWfp+r2mpfLbzMsoGWhkXa6/h+NX9p/vH9KDqp1IVY80HdCSRpLE0cihkdSrKe4PasI2g8H+DZY/C+kG8NoheCwSbaZOckBjnHGSBjtgVvbT/eP6U1Ado+Y/pQaHN+G/H+jeJLxrCL7TY6pHnzNPvoTFMmCwPHII+U8gnHGcHiunqL7NH9o+0bV87Zs8zaN23OcZxnGe1ZmlpqumWd/N4l1W3uYo5ZJYpkgEXlQDkB+xIHf270AbFFVbC/tNUs0utNvI7q3cArJEwZTkZ6j2IqztP94/pQAtIPvt+FG0/3j+lNAO9vmPb0oAfRSbT/AHj+lG0/3j+lAC0Um0/3j+lG0/3j+lAC0jdvrRtP94/pTWB4+Y9fagB9FJtP94/pRtP94/pQBpaL/wAfx/3D/MVvVx0OsW+k3y/aTKQyEkooO0Z6n/63Nddsb/no35D/AAoIjOMpOKeqH0UAYHJz70UFhRRRQAUUUUAFFFFABTJPuj/eH86fTJPuj/eH86AH0UUUAFB6Gig9DQA2L/Up/uinU2L/AFKf7op1ABRRRQBy+t69dad4hhtoMeW6oSCBzkkc8f4V0N7ZxX9nJbXAJjkGDg89cj9RUM+mWl1fCe4hDyRgbTk/qO9XazjF3fNszpqVYOMPZqzW78yrp2nQaXa/Z7bdt3FiWPJP4VS1jTbm9milgulhSMcliRs5+8PU/l061r1m+IYpptAuktgxkKjAXrwwJ/SnJLlsKjUm6ylfVvd+Ze3rIY2jYMpJwVOQeKkrA8Jw3EGkgXasGadiu702j/A1v04vmimRWpqnUcE72CqF7pUdwC8OI5M9expNP1m31Gd4oVdSq7lLD7y56/qOtaFNNNXRM4Sg7SVmcncwS2+VmQqccZ70yuju7izZzaTSRmVhwh61n6hpZgzLbgmPuvUrTuS01ueZ3lz4m0PxJLLrUsN9olxM/wBiu7a3InsmbbsjlA4MX3l3YY5wSR0HaW1wtzCHXg9GU9VPoalrnp5tSg8XSCHSnWwECyNeJMCspzgoUxkEdcjOfaoleLujenapH2cnr0/y/rqdXY3jWc4bkxn7yjvXQW8iyoXjOVY5Brk43WWNXQ5VhkH1rR0m++zytHKT5bNx/smrMGmnZnQUUUUCCmf8th/u/wBafTP+Ww/3f60APooooAKZJ0X/AHhT6ZJ0X/eFAD6KKKACiiigApvlJ/dFOooAyNcjQQxYUfeNYiou5uO/9K3dd/1MP+8ax7aIzXIjXqzgfoKAN7SrVY7FSyLlznpV3yk/uilVQihV4AGBS0ARvGgjb5R0NKIk2j5RSyf6tvoaUfdH0oATyk/uijyk/uinUUAReWnnAbR92szVdXj0y6ih+yGXeNxIbHGcYAxyfbjtWr/y2H+7/WnFFYgsoJHQkdKzqxnKNoOz+8uDineSuJ5Sf3RVXUVmTT5WsYw04HyjGe/OPfGcVbZgilmOFUZJ9KqWGq2mp+Z9jl3mM/MMYonKPwOVm9u/yCKfxW0RDoouZdP3ajHiTewUlcEr7j1zmtDyk/uiki+5/wACP8zWbq2t/wBl3EUf2dpd4ySGx36Djk+30qHKOHppzei6jSdSfuons9QsL+V47Vg7IMn5SMj1HqKsvEmUG0ctz+Rrl/COi32m6lcyXke1THsBJ6nI6e3FdU/3k/3v6Gs8HVq1qKnVjZ9iq8IQnywd0c3f2QtbpkC/IeU+lZl/Yi7t8R4SZDuicj7prsNRtvtVowH31+Za5sjBwa6KlONSDhLZmcZOL5kU7OcTr5cyhLmMDzI8Y59R6j3qn4h0d9Y0mWC0uZLS8jIltZ432+XKAdpPByueCCDkE1bvtNjvMSKzRXCDEcqnkc5/EVWj1OW0cR6tD5RPHnKcox/pXL7d0Hy19ukunz7P8H+Bt7NVFenv2/y7kXha71bUNBjk8SaYNO1FGaKaNWDJIVOPMTB4VuoB5+owT0dpevanGA6d1P8AjWZf239paTcW0N1Nam4iZFuLZsPHkcMp9R1qKyUaPo9pb6nqZuZI1WJru6Ko0z9PYZPp1+p5rtOc6qPUrWaJw6iFgvc8H8a0QkbDKhSPUVyT/wCrb6VIkroQUdlI6YPSgC1ofhc6Tqs908qyK6FFA75YHJ446e/Wt2UwQrul2oPU1zn225/5+JP++jUckskpzK7OfVjmsaFCnQhyU1ZGlSpKpLmkXtSv0eQQ2vC4O5x36dKzdi+goP8ArB9D/SlrYzE2L6CjYvoKWigBiIuwcV1VpEn2KD5R/q1/lXLp9wV1Vp/x4wf9c1/lQBIEVTlQAadRRQAUUUUAFMH+ub/dH9afTB/rm/3R/WgB9FFFABTD/rl/3T/MU+mH/XL/ALp/mKAH0UUUAFMP+uX/AHT/AEp9MP8Arl/3T/SgBzKHUq4BVhgg9xVO3srHSIpZYlEKHl3ZiePqe3tV2szxHaTX/h+6t7YbpXClR9GB/kKxre7F1FG8knYa7HNeBILk6hcTzgsnl7Q55wcjj612r/ej/wB7+hrG8Jafc6bopivFKu0rOAeuMAf0rZf70f8Avf0NcuXUnSw0YvffUcndlF9bto9WFgVk8zcFL4+UMRkD17itGuW13XI9L8SW0a2cMkjIpMrL82CSMA9unvXU1rQre0nOF7uLBqyIrm3W5gaN+h6H0NctPG0MuxxhlauurL1ex88LNF99eo/vDFdZJymorLbut/bKGaMbZUP8cfX8x1H41BqF1rEk2ly+H4rK4s5ZsXv2h2VliI4ZCO4PYg56cdRr1Qjxp995RIFvcEmPgAI/dfxrld6NTm+zLfyff59fP5lbo6TTdT8vEFwfk6K3p7Vry/6v8R/OvG/EjeJPC/iRvEWmPc6zotwqJfaTnc9tgYEsH82XucnuNvpenauJLWNLgMu4Aqz8EdOCO1dRJuUUUUAFMl/1Z/D+dPpkv+rP4fzoAfRRRQAU1/8AVt9DTqa/+rb6GgBV+6PpVTUrsW1sQD+8cYX/ABqw8yQQeZK21QK5u8uWu7hpG6dFHoKAIK6+uQrr6AGRf6sU+mRf6sU+gAooooAKKKKAEVAmdo+8cn600f65v90fzNPpg/1zf7o/maAH0UUUAFMH+ub/AHR/M0+mD/XN/uj+ZoAfRRRQAUxf9Y/1H8qfTF/1j/UfyoAfVa/0+21O1NvexeZHkNjJGD6gjpVmik0pKzE0mrMhtLWGxtY7a1QRxRjCqKev+sf6j+VPpi/6x/qP5UJJKyBKysh9FFc546F+fDZ/swO0nmrvCDPy89u/OKzrVPZU3O17E1J8kHK17HRModSrgFSMEHvXP6lYC2maSL/VsRx/dNUdO8Q/8I/4U0sa6sxuZg/y45ChjgnPTgrxXTxmK8hLY3xSqrDI6gjIqaVaFVab2Ta7XJp1IzWm/b1OXZQ6lXAZSMEEday7WVNKvDYzHZBK2bVj090znt26VuXds1pcNG3PcH1FUL6wt9RtWguk3KehHBU+oPY06sJP3ofEv6sOcW/ejujzLRNRvfAnihbPWo7ybQ70iG1vGUubSVm4ikPUqcfKx5GcHPUezaXqRhYwzHMZbAP93/61c5p8kiSHTb8CSWFA8cp5EyA4Dc9GBxn3we9Njv8AUf8AhJpLBtKYaf5IkTUBMCC+cFCnUfXmlQtyf1uKlblPQ6x9Q8TWGm6tDp9xv82XHIAwuTgZ/wDrUul6koVbec4x91yf0NLf+GtP1LVYdQuVfzoscAjDYORnjP5EU63teX91v5jqc9vc3NamJ1f/AHv6U+mJ1f8A3v6VsaD6KKKACmRfc/4Ef5mn0yL7n/Aj/M0APooJA6nFFABRRRQAUUUUAFI/+rb6GlpkxKwSFeSFJH5UBseeaN+/1DUrz7yvN5cbnrhRgj6ZrvrBAlhCFGAUB/PmuE8OxNHo0byKyyTs0rqwxhiemPSu/gTyreNM52qBn1oOTBp+wi3u9fv1/UVv9Yn41UvtZsdOuI4bubY7jI+UnaM4yfQdfyNW2/1ifjVW90ex1C4jmu4BI8YwDuIyM5wQOo9j6mg2q+05f3Vr+ZLNf2lvcJBNcRpLJ91Gbk1YrkVtpdX8Xub60kijhOPkyAQp+UsT1z14x171s6p4gtdJuo4LhJGLLvYoBhFzjJ/I9PSg56eKTUp1NIp2RX1rw1/a14LlboxkJtKFNwOM4we3Xng1F4V0e70o3Ru0VBJtCjcGJxnJz6c8D68Vu3KyPaTLAcSlGCHOMHHFcj4Ua70aW5j8QXAiM7L5KyN1POT+o5oOerTpUsVCfK7u+vRadTd8RS6jFp6nSlJYvhyqhmA9gfeqNxa3K2sNzdIFlkUGVVHCtXQy/wCrNE0SzwtG/wB1hg0HoKm1Uc7vXp0OEg1Tz9Se18krtJG7Pp6jsKv06SHyZ3VgN6nBOOtNoKgpJe87mfqekx36iSNvIu4zuinXqp9/UVWtdcaB0ttaha2nzt83H7qQ+oPb8a2aiubaG8t3guYxJG4wVNBzVMPJTdWi7S69n6/5r8SWkT7grDRNU0PCJu1OxAwo4EsQz0/2uP5dq0NO1S11CP8AcPiReGjcbWX8KB0sVGb5Jrll2f6PZ/Iu0jKrqVcBlYYIIyCKWig6zm9I8CaPoHiKbVtF+0WInjCyWMEuy1dhwJDGP4sHHXHfGea0rDWhfaxqGnmxvLdrFlHnTRYjmBGco2ef0NaVFABSD77fhXC2ulePfDWrJHY6nb+JdHmmwY9SYxXNqpLnIlAO8DK5yCTjAVetd0Pvt+FAC0UUUAFFFFABSN2+tLVG/wBVtLFR50oaTcAIk+ZyfTAoIqVIU4803ZF6sy8161tpjbwh7q5Bx5MA3EH3PQVUaHV9aTE7DTbNxzGnzSuvHBPbv/8AXrWs7C20+HyrSIRrkk9ySfUnk0HH7WtX/hLlj3a1fov1f3MZ4c0q51HWkvtd8smOPMNqmdqdOW9T+ld1WDov/H8f9w/zFb1B0UaMaKstW9292FFFFBuFFFFABRRRQAUUUUAFMk+6P94fzp9Mk+6P94fzoAfRRRQAUHoaKD0NADYv9Sn+6KdTYv8AUp/uinUAFFFFADF/1r/Qf1p9MX/Wv9B/Wn0AFFFFADG/1ifU/wAq5PxlJepqFp9kLgbMjb/ez29/pXWN/rE+p/lTiAcZAOOlROPPGx0YesqFRTauRw20EDM8MKRtJy5VQCx96loqK5uI7S2eedtsaDJNVokY6yfdmNqi6VbaxHLdSyLcSYcID8pI4DHv27HtW9XI6np//CSXkGo6fKphjURvngqQxP8AJq66s4NtvTQ6sRFKEFe7tquxjalpmzdPbj5erJ6e4rJrryMjB5FYGp2BtpDLGB5THoP4TWpxnnugzah4Y1+Tw9rFxPe2Myedp2oSIScZO6KVgMBhxg8bgRxnNdiv8X1ps0MdxC0UyhkYYINZulfbLW5uLO+dJIw+bSRc7mjwOGz3B9O1R8Lt0N3+8jzfaW/mu/8An9/c6rTNSKMtvOcoeFYn7vtW1XIVebXJraw2pEHkXAViMgD3A61TdlcyjFyaSOhpn/LYf7v9ag064mubCOW5j8uRs5GMd+uO2an/AOWw/wB3+tCd1cJRcW0x9FFFMkKZJ0X/AHhRNMkERklbao/WoIbpbuLegwok2jPegC1RRRQAUUUUAFFFFAGVrv8AqYf941V0OPdeyORkIOD6E4/pmrWu/wCph/3jTtDi2WskmOXfrnsAP/r0AadFFFADZP8AVt9DSj7o+lJJ/q2+hpR90fSgBaKKKAGf8th/u/1p9M/5bD/d/rT6AI7iMzW0sYOC6FQT7isDwroFxor3TXLKfN2hQDnpnn9a6OiueeHhOrGq943t8zSNSUYOC2YyL7n/AAI/zNOKq2NwBx0yOlNi+5/wI/zNProMzM13Wk0SzSd4/MLvsAzgdM9fwqxZ3i39jbXSKVWX5gD24NQ61o8WtWiQyuU2PvUgZ56e3r61PaWiWFlbWsRJSL5QT34Ncsfb/WJc3wW09TZ+z9krfEWq57VbYwXhYD5JORgV0NY3iS7gtbOPzgS7MfL5wPfOa3nONOLlN2RnGLk7IyaYyLJvV1DKeCCM5qkEupr2O4ilIt2CsBnGBjkY9ff3q+Pvt+FKMudPTT8wa5eplG0vNM3Np7ia2BJ+zSDlen3T+f8A9eo9U03SPGmgTadqMfmwSj5lztkiYdGHowPQ1rzMyQu0a72CkhfU1kx2k12ftcSra3aNw4QgSDuGFcTjLDSSo6r+X/5F9PTbtY6E1VXv6Pv/AJ/5lbwroWq+HrO9stS1uXV7QS7rF7lczxxkcq7/AMXOccdPYgL0VYt3cR3dnPpniC22R3MZicqxEcisCCNw5HfvUPiPxNZ+DtOs7ieymbTS6wyTWyApaJjCswH8PQcV10q8Kq917brqvVGE6cobnQUVHbXMN5ax3NrKk0Mqh45EOVYHoQakrYgQ/wCsH0P9KWkP+sH0P9KWgAooooARPuCuqtP+PGD/AK5r/KuNnvbezgL3EqpgZ255P0Fdfpsy3Gl20qBgrRrwykEcehqFUg5cievYrlklzW0LNFFFWSFFFFABTB/rm/3R/Wn0wf65v90f1oAfRRRQAUw/65f90/zFPph/1y/7p/mKAH0UUUAFMP8Arl/3T/Sn0w/65f8AdP8ASgB9FFFABTH+9H/vf0NPpj/ej/3v6GgDPv8AQLLUb+K7uVYyRADgjDAHIzx/LFVo/E0UniU6QISGDFd+7uBnp6cVuVjR+GrePxCdWEjbyxYJj+IjHX059PxrirU6kZRlQSV2ub0KTXU2aY/3k/3v6Gn0x/vJ/vf0NdpJyfiHRbpNSfUbSRdrYIXn5SB0+hxn8TVC3inu7KSLUNwyflbhWHvx6Guw1qV4dDvJIvvpCxXjPOK4rQp7ia3l+0lsq/y7s5xj35rgk6ca/snf3k35Fa2uPtb947r7DqHyzD/VyYwJh6+x9RTL19bXXbNbOOyfSWRvtTSMwmR8jaVxwR7EfjVy9sob+3MU491YdVPqDVWK/EEosb5ws4wEfnEo9frVxnKhLkqv3ej/AEfn2fX13N9joLPVJbYhJD5keeh6j6VuQXMVym6JgfbuK8ludS1fwr4kSC5ivda0fVZ3MEsUW+WwlJz5bY6xEk7SeVwQSRiuxF59hIn8zy9vc9/auttLVknXUyX/AFZ/D+dZlpr8NxtLLhG6OpyK0POjmgLROGHHQ+9PcCaiiigAqOeRIrd3kO1QDyahutQgtQQzbn/ur1rAvLuS7dnkOBjhR0AoAlvb97shR8sS9F9fc1UoH3R9KKACuvrkK6+gBkX+rFPpkX+rFPoAoz6xY218tnLMftDYwixs2M9MkDA/GnRavYzag9jFcq1wmQUAPUdQD0JHcDpWFqWnS/29Nc2UWpreStFsmS4ItwBjO5AQDxn7wPtUdjp18upWdtJayILLULm6e6ONsiSGQrgjufMGR7GhAzraKQjcMHP4HFN8tfVv++zQA+mD/XN/uj+Zo8tfVv8Avs00RjzmGW+6P4j70AS0Uzy19W/77NHlr6t/32aAH0wf65v90fzNHlr6t/32aaIx5zDLfdH8R96AJaKZ5a+rf99mjy19W/77NAD6Yv8ArH+o/lR5a+rf99mmrGN78t1H8R9KAJaKZ5a+rf8AfZo8tfVv++zQA+mL/rH+o/lR5a+rf99mmrGPMfluo/iPpQBLXO6P4uh1fXbjTUgKGIMQ27OdpwcjtW/5a+rf99msLSvCNrpWsz6hFNIzSBgF5GNxycnPP6VzVvbc8PZ7X19DGp7TmjybdRnizwu3iP7IUmWM25YEN3DY56H0/wDr1uWkP2aBIA27ykVM+uBipPLX1b/vs01Yx5j8t2/iNaRowjUlUS1e5SpxjJzW7GXlnHeRbX4Yfdb0rm5Y2hlaN/vKcGunkVY4nf5jtUnG81xWh6xL4qmuQYFjkgUOpUsNwJ6cnn60p1oQnGm95bBKpGMlF7sra7bXM1tFLYL/AKVC+5HHVR3HuDwCDTtF1L7fbMs3yXcR2zRkYKmtHYB/e/76NZl7p2Z/t9kAt5ECPaVf7p/oaznCUJ+1h81+q8/zIlGUZc8fmv66nO6PrPinRtfGh+KLGbVYbiciz1qziVU2EM22ZBjaV24yBjGPqfTtL1EbfJuH6fcY/wAs1gWk8V5aR3ERJWRc/ePHtWNLB4jl1S9SQ2q6cGQ2jQyOspGPmD5OOD3GK35vd5o6mvN7t1qen0xOr/739KwNHvXt7eKC/kZyFAMm48H/AArciVH3FWJG7ghzVLYomopnlr6t/wB9mjy19W/77NMB9Mi+5/wI/wAzQUUAkswA6kuf8axLvUg8bRWxcDcQX3HkZ7UAS3V75+pQxxsfLSRfxOa2a5S1QfbIeW/1i/xH1rqPLX1b/vs0APopFUL0z+JJpaACiiigApH/ANW30NBZV+8wH1NUdXmuV0qY6ayG4x8vIPGecZ4zjOKCZS5YuXYwUUu6qvVjgV1ijCge1eY313qEOn27M5WUyHJD7DjtkjpXoWlXDzaPaSXTjznhUybsA7sc8UGMMQp1HTs72uWJpFixJIdqIpZiewAqlb6/Y3Vnc3MLuUtV3yArggYJzj8D+VXJDFIQrlGRgQwOCCMVXstO0/TkkWzjRBKfny5Yn2ySeOvHTk0FT9rzrktbW/fyI9I1y21jzRCGjkiI3xuRkA9DxWcNHv5vFIu70xzWsbMU3kMAuPlCr2IO059jzzUum+HLTS9WkvIJwEJYpEqhQu7rk9/bgVueYn99fzoOeFKpWpx+sbp3069jG1PVdRtNYgtrWzEsD4yxViWyecEcDHvmpNb8O2+tZeSWWGXyzGHjIwRzjII7Enpg89a1fMT++v50ya5hgheWWVVSNSzHPQAZNBrKhGSkqrun36GVomk3Gk2c6XMyv5jAqiElV9+fX+lbVZ1lrFpqlvI1q5yhAZXGCKv+Yn99fzoLoRpxppU3oZer2LO32iJc8fOB/OsautMkZGCykfWuav4BbXLAEbG5U5oNivRSb1/vD86N6/3h+dAC1nXeiWGojfcQDzSCPNQlWH4jr+Oa0C6jqw/OoLa7t51IhlVip5waDKpTp1FyVEmuzMv7PrWlqxtrhdRt15Ec4/egZOQGHU47n8hUsfiawztuzJZyY5WdCv5eta29f7w/OmusUqlZAjgjBDAHIoOb6vUpfwZ6dnqvzv8AiEM8Vwm+CRJFzjKMCKfWRN4d015fNtjJZS5zvtZNnbGMdB+Apg0e6hfNnrt0gIwwn2zflnpQP2uJj8VO/o1+tjarOTQ9OXxDJrQt86g0IhMxdjhB2C5wPqBk1XNprMTK8WsxTkHlJrdVUjHqvNOH9u7j+/03/vh/8aCvrMutOS+79GzFuPH39j+JjpXifSLnTYJ52isdQU+bDc8AqMgZVzk/Lg9Oprsaxf7P1ab5p9ZjRt24IlsjKvpgnmqN1oeu3GsWsg8QkWQVvtKqpSRj/CE2kKO+Sc0C+sVX8NJ/NxX6t/gdHcXdvaR77mZIlwT87Yzjrj1rN/4SO3lk2afb3F6c43Qp8vT1OBWdaSeEYfED6ALi2m1dYw7wXDF3IxnI3cZwc4H9K6YFFGFKge1ArYqe7UfTV/e7L8GYxtNZ1Fibq8GnwEjENuMuRnPL9j9Pyq3Z6LYadsNvbr5gI/ev8znt1P8ATir+9f7w/Omsy8cjr60FQwlKMueXvS7vX7ui+Vh9FJvX+8Pzo3r/AHh+dB1mlov/AB/H/cP8xW9XP6K6i+OWH3D39xW95if31/OgB1FAIIyORRQAUUUUAZHiiIT+HbiJ7iG2RygeWdSyKu4Z3AdiOOw5rmN2mpBBBcJpn9iJekSz2sKxW05MWQWAJXhsDOTyBXfdetJtGMYGPTFIDK8LmY+HLXz9xODsLddm47f0xWoQ+eGH/fNOoqnqA3D/AN4f98//AF6ZIH2jLD7w/h96lpkn3R/vD+dIBcP/AHh/3z/9ejD/AN4f98//AF6dRQA3D/3h/wB8/wD16Qh8feH/AHz/APXp9B6GgCOMP5SYYfdH8NOw/wDeH/fP/wBeiL/Up/uinUANw/8AeH/fP/16MP8A3h/3z/8AXp1FAEQD+a3zDoP4afh/7w/75/8Ar0i/61/oP60+gBuH/vD/AL5/+vRh/wC8P++f/r06igCJg+9PmHU/w+1Pw/8AeH/fP/16Rv8AWJ9T/KsbS/Ea6lq81kIdvlhiDn0OOalySaT6msKU5xcorRbm1h/7w/75/wDr1S1exl1DSZ7VHUNIvGR6HP8ASr9FNq6syIScJKS3RiaDpM+kaRJDM6lnkLkDnHAHX8K2cP8A3h/3z/8AXpJf9U30p9EYqKsiqlSVWbnLdjcP/eH/AHz/APXprxGWMpIVZSMEFf8A69Jc+d9ll+zY87adm7pntVTSDfm3f+0s7t3ybgA2PfHFF9bCULwcr7feY15avaXJjLAjqpx1Fcz4phS90mawa7uLOaZT5d1auUkhP95WHI/wr0e9tFvICpwHHKtjpXE6ro7XVztkbY0ZIIpSvbQui4qa59jnfBl54tS+utI8Wx204tYUeDUYflNwDwQyf3uMkjA56V2GG/vD8qparYS3umyRWVybS8CEW90FDGJsYBweD9DwaZoTXf8AY9vFqlytzfwoEuZVTZucdTt7ZoTadmEoxa54fPy/4BvWmp3FsAjsJIxwARyK0Y9UgeQFpQh2/wASVg0n/LT8KoxOk/tG3/5+U/74NQXGrxxj9ywlb2XArDooAlubqe7fMrjA6KBwKk0S8vnuTbtCBAJD8+w8ehz0OfSq1bmk/wDHh/21/wAKTVy4yUb3VzRAfuw/75p1FFMgKKqajqMem26SSRyymSQRpHEAWZj2GSPSqlx4ghtIYWuLS7WSVWfyNgLoinlmwcYGR37igDWopkMqTwpLCwaORQysO4PQ0+gDK13/AFMP+8auWEXkWwjxgjGee+BmodSj82a1TAOZOQauJ96T/e/oKAH0UUUANk/1bfQ0o+6PpSSf6tvoaUfdH0oAWiiigBn/AC2H+7/Wn0z/AJbD/d/rT6ACiiigBkX3P+BH+Zp9Mi+5/wACP8zT6ACmP95P97+hp9Mf7yf739DQA+sLxTok2tW0CW5XMTkkMcZyK3aKxr0YV6bpz2ZdOcqclKO6MyPRY/7Pt4XOJoolQyKPvYGOlZ1xpk9uzsB5iDqR2o8QeJJtJ1i3tYo1ZHRXYkdcsRj26V0K/wCsf8KijWpzlKlD7FkyqkJJKcupydZX9rSf239j2Ls3bc9+ma7W90uO4y8WI5Cck9jXMS6TFBqRnljKzA59s+tXVjUduR2119BQcVfmH3EUc0DJKiupHKsMisyfQIRGwstsYdSkkUo8yOVT1DBs8VYFg6Xz3JlyDk47nPY+3+Aq/WcqEK+tSOq2fX5NaopVJU9IvT8PuOV86XwX4Ykh03w49xBYrmO307HzLnkgE5J5JPUnHrWvD4gs3iVrjzbR2UMY50KsMjpWnXMeLtW1/QprPUNL05dT0xCVvraFC1wAejxgdcdxjNHsq0UlCf3q/wCVg54N3lH7nb/M3E1Kyl2ul1FtwergfzpsmsafE217qPOM8HP8qqaRc6V4i0y31W0sx5N0hcfaLbY/XuCK1YoIoE2wxJGuc4RQBStinpeP3P8AK6/MP3PZ/gUf7btXbbaiS5bH/LJCRnsCe1NM2q3WRDClmmcb5DuYfh0rTxjpRS9hVn/Eqfcrf5v8R+0hH4Y/fr/kihZ6TbQfvJEE85O5pZBk5z1Hp+Fdxaf8eMH/AFzX+Vcqn3BXVWn/AB4wf9c1/lW9OlTpR5aasjOU5Td5O5NRRRWpBieINR1Gzms4dMgkkMxcyOlsZtgAGONygZz61QufEl55MtxYyW8sFnZxXMxaFgZ9xbIX5vkxsPr19q372wa8ZGivbq0dMjdAy8g+qsCp+uM1Ql8LWEnlqjTxRLEsMkUb/LMinID5BPUnkYPJoQzYV90YcAkEZApgf983yN90dvrUvTpTB/rm/wB0f1oEHmf7DflR5n+w35U+igBnmf7DflTS/wC+X5G+6e30qWmH/XL/ALp/mKADzP8AYb8qPM/2G/Kn0UAM8z/Yb8qaX/fL8jdD2+lS0w/65f8AdP8ASgA8z/Yb8qPM/wBhvyp9FADPM/2G/Kmu/wAyfI33vT2NS0x/vR/739DQAeZ/sN+VHmf7DflT6KAGeZ/sN+VYHjOSf+wR9nVwfOXdxxjB6/pXRVm3etWVtqcNjNJiZ2GBjgZ6VzYpRlScJS5b6XHHcg8MvM3hm1F2js5Vgdw6jccfhjGParNxYQtZGG2tlhwdyhECjP4VoUVpSpqnCMd7K1wbuzkZA8UhSRGVlOCCKp3kdteRNbTgMWGduRuHuK6++sUvI8/dkUfK39K89lsruPxOWeN1jEmTkHHT8qivK0VFxum7METRX0ulOLfVCzQ9IbnHX2b3qw8Nzd3Uy3BiawZEaAx58wP3z2I6Yqe/nigtv30fmrIdmz14rHZJ7bTZRbmZtPmRh+7fbNbg5BKn26j0rlc3h3yS96H4r17rz3XW+5W+pt28SW0KxRq20evepfNeMZjLofUHFcj4H/4SG0kutM1i5XVtOt1VrLVjJmWVT/yzkXrvUdW75HU11z/dNehBxcU47EE3225/57Tf99n/ABqC51aS2QGaefDcABic/rTqjnt4rlAsybgDkckY/EUS5uX3dwFjmWWNZEBKsMg4pWb5T8p6UqIsaBEAVVGAB2ob7p+lNXtqAgb5R8ppd3+yaUfdH0opgJu/2TXW+Z/sN+VcnXX0ARwnMY4I+tSUyL/Vin0AFFFFABRRRQAUwf65v90fzNPpg/1zf7o/maAH0UUUAFMH+ub/AHR/M0+mD/XN/uj+ZoAfRRRQAUxf9Y/1H8qfTF/1j/UfyoAfRRWHe2Gry+IYbi2uylopXKbyAAPvAr0bPPJ6Z9qzqTcFdK5EpOK0Vzcpi/6x/qP5U+uQ1XxZcad4yh0uOJGikeJWJHJ3YHXt1qa1aFGKlPq7CqVI01eR19MlljgiMk8ixxr1Z2wB+Jp9UdX0tNWshbvI0ZVw6sBnBHt+JrSbkotxV2VK6Wm5dR1kjV42DowyrKcgj1pq/wCsf8Kg0ywTTNOitI2ZxHk7m7kkk/qTU6/6x/wojdxV9xq9tRzKGUq3IIwazNI8O2GiSTPYowaXg7iOB6cAfrk1qUUnCMpKTWqE4xbTa1R5po2uXmsaxdrcBdqoZCFUAL8wHGPr3ya21/i+tdHa6Np9nNLJbWyI8ww5yTx6AHgD2GBwPSsS6tHtJnBGULHa3rWWGp1KdPlqyuzOjGcIWm7swbmxu7K8kvtLlJR2Dz2e0bX4wSvo38z1pNQsv7fso3trmSFHRlyMqyE8ZHowrYrGvVn0a4a9sojJaOS1zAvUH++o/n61nUgqSb+y91281+q+ZMoqnd9Ov+f+Zh+FZfE2h63/AMI14hSfVrQRNJZa0Bksi4+Sb/bGRg9/fk13VrdTWsjNE2OeVPQ/hVW1uoby2Se2cSRuMhhVPSYtVja7OsXVtPunY2628RTZH2DEk5bGMniutNNXRummro6mLXOP30XPqpofXfm/dw8f7TVj0Uxlu71Ca74Y7E/uqev19app938T/OlpE+7+J/nQBPaf8fkP/XRf511Nctaf8fkP/XRf511NABRRRQAUUUUAFNcDy247GnUj/wCrb6GgDmtOAOow5APP9KvweIbefW205YXDB2jWQ4wWXORj8D+VVdIUNqC7hnapI+tbi2lul01ylvEs7jDShAGYehPXsPyoMqkaja5HbXX0HMP3ifjT8D0pjf6xPxrG1uw1e61C3k027MMSgAgSFQrZ+8QPvDGOD6e9AVajpx5lG/oLqWpalbazBb2lmJbd9uW2E5yeeRwuPetC61Kyspo4rqdInk+6D/M+g9zViZnSCRok3uqkqufvHHArko7ebWY7q+1qymDWsfyLGpQzAZJTB5P1GM7vag5as6lGTUXdy1V9klvt/X69ZNNDbx+ZcSRxJnG52Cj8zSukc8LI6rJHIuCCMhgf5iuat5B4y08mTEBt5PlkiO9GyOR9f8RWjJqWn+HorawmeT5Yxg7c7V6bj+v5UFxxMZLnduToyjpnhb+yNVmuoZx5LFsLklmB6BieoHb6V0uB6UyX/Vmn0G1GjToR5aasgwPSq19aLd25Xo68qferNFBsciV2kgjBHBBHSkxW3q9kHjNxGAGUfN7isSgBGUMpUjIIwaqWOnQWe5otxLcfMc4HpVykT7goJcYtptaoXFGKKKCgxVLUjeLCn2Ec5+baAT+vFXaKCZx5o2vYZB5hgTzwBJtG/HTPelH32/CnUg++34UDWiFxRiiigZg+KfBeh+MbFbfXLTzGiJaGeJiksLEYyrD+RyDgZBwKkNxD4YsdN08R6pqPmOIElO65kJ6l5HJ4HXk8dhjgVtUUAGKa3b61zfifw/rt9qEGp+GfEM2m3UMYja1mXzbWdd4b5k7HGRuHOOMitLQn1mTRYG8SxWsWoZxIto5ZPrk+vXHagDUxRiiigDQ0Uf6cf9w/zFb+B6Vg6L/x/H/cP8xW9QAUUUUAFFFFABRRRQAUUUUAFMk+6P8AeH86fTJPuj/eH86AH0UUUAFB6Gig9DQA2L/Up/uinU2L/Up/uinUAFFFFADF/wBa/wBB/Wn0xf8AWv8AQf1p9ABRRRQAxv8AWJ9T/Ks3T/D9tp2pSXkTMWcEAHtk5NaTf6xPqf5U+k4pu7NI1JwTUXo9woopk3meRJ5GPM2nZu6ZxxmmQtWJOSLeQqMnacD1rP0i8v7qSYX0BjVfukoV59Oev1pNLGoi3n/tPPbZuI3e/Tt0/WtWoXvWZtK1Pmho/MiuUkktZUgfy5WUhG9D61z41WTw8qxaq7zPKdyjeW2L35PWulrF13w8utTwyNLs8sbSMZ4z296VRSteO5php0+bkrfC/vNlTuUEdCM1m6jZCeGSVAPMQkn3FaSjaoHoMU2Pq/8AvVochydc94v8JW/izSntZZpLeTho5YmKsrqcq2R3B5FdxqmmhFa4gGAOXQD9RXKprUcl8IQoCE4DMcE+/wBKmVtmbUfaXcodCDwvc6rLpbW+vpEt9av5TPGxIlUDh8HkZ9OfrWz/AMtPwqhq+nT39nILC7axvCjJHcooYpkeh4OOvPcVW0Ca8hsrew1u4E+pwxBZZtoQTn+8BSUrO0ipU1Nc9P5rt/wP6Zs0UUVZzhW5pP8Ax4f9tf8ACsOtzSf+PD/tr/hQBp0UUUAZWv6amp2cUcum22pJHKHNvcthTwRnoQevcEVjpoGo2cUT2UMHzRTwG28zalukjBlC8YwuMYAHtXW0UAVtOtPsGmW1pu3eTEqbvXAxU3lR/wDPNf8AvkU+ih6gV5LWN7iFvKUhMnp0NPSKMs/yLw3p7CpaYn3pP97+goAPJj/55r/3yKPJj/55r/3yKfRQBG8UYjbEa9D2pRFHtH7tf++RSyf6tvoaUfdH0oAb5Mf/ADzX/vkUeTH/AM81/wC+RT6KAIvKj84DYuNvpTvJj/55r/3yKP8AlsP93+tPoAZ5Mf8AzzX/AL5FHkx/881/75FPooAijijKcop5Pb3p3kx/881/75FEX3P+BH+Zp9ADPJj/AOea/wDfIprxRgphF+96e1S0x/vJ/vf0NAB5Mf8AzzX/AL5FHkx/881/75FPooAzr3QbC/uori4hy8YwMYGRnOD/APWq4sUfmP8AIvbtVDxHfTadoU9zbHEilQDjpkgVD4W1CfUtJ8+6O6TeVzjqBXHGrRhiXRS95q7/ACN3Cbpc7ei0NfyY/wDnmv8A3yKgutOt7uPDIqsOjBRkVYeRIo2eVlRFGWZjgAfWiKWOaMSQusiN0ZDkH8a67q9jCz3OYv8ATmsgdyqyEcOBUGxP7q/lXWXCh7aRT0KkVzkHheWy8ySKYSlv4cYz7n3qZSkpJJaPr2KSTTdzK1SQ2umzSxKodQMHHTJA/rVLw9EXt3nkIbcSuMdfc+9bM0IZWinTjoymmxQxwR7IlCr6VlKk5VlUvolt5lqaVNx6lXUheJan+yobeS5LKFWclUwXUMTjnhdxA7kYq5sT+6v5UH/WD6H+lc74o8Ltq9zZatpk32bWdMJa1lZjscH70bgdVbFdBkdFsT+6v5UbE/ur+VR2jzvZxNeRJFcFAZI0fcqt3AOBkVLQAxEUqMqPyrqrSKP7FB+7X/Vr/D7Vy6fcFdVaf8eMH/XNf5UASLGinKqoPsKdRRQAUUUUAFMH+ub/AHR/Wn0wf65v90f1oAfRRRQAUw/65f8AdP8AMU+mH/XL/un+YoAfRRRQAUw/65f90/0p9MP+uX/dP9KAH0UUUAFMf70f+9/Q0+mP96P/AHv6GgB9FFFABXMar4bnvPFNvqKSKIleMsCeRt56d+ldPTH+8n+9/Q1hXoQrxUZ9HcabRDqF6mn2T3EilwpACjuScCk02/TUrMTohT5ipU9iKz7rV3/t0aY9oskT4U7hksCOWx3Ud/oa2I40ijEcSKiLwFUYA/CphN1KjcXotGrdQ2Q6uUvLi5mvJzqEIt4YyQshQjvwM/xZ9uldXWL4r06fU9DMFsMuJFbGeo/yaWK9ooc9Pda27+QK19TG/dXMPIWSNuzDIP4GpAAqgKMAcADtWlpWhtD4dt7W5AS4jDHI7ZYnB/OqM0LwSmOVdrD9a1pSlKnGUlZtK4PcyLrRkLGfTZPsVzgjfGODkdx09KytHvdS0PTIbPxdd/abgyFFvtiosmT8oOOM4rqKx/ElppmqaW+naxCZoZhnAHKEHhwexB6Ec1zyoRpXnSfL37P5f5WHe+5ro6yIHjYMrDIYHINLXLeHNE1nTtIWC5vgJoW2o4bzEnQHhyCBtJB5A7961RqV7arjULCRgOstv84PHXHUUfWnD+NFrz3X3rb5pBa+xqUjfdP0qlDrWnT523ca46iQ7P51bWWOWHfFIroRwytkGuinWpVPgkn6MVmh4+6PpRSbgke5iFUDJJPApEkSRA8bq6noynINaXWwh1dfXGS3EMCbp5UjXOMuwA/Wuzoum7AMi/1Yp9Mi/wBWKfTAKKKKACiiigApg/1zf7o/mafTB/rm/wB0fzNAD6KiS7t5bh4Ip4nmj+/Grgsv1HapaSaewXuFMH+ub/dH8zT6YP8AXN/uj+ZpgPorNtdesrvU3sYS/moWAJX5WI64+laVTGcZq8XcmMlLVBTF/wBY/wBR/Kn0xf8AWP8AUfyqih9FFFABWTceHtPvdaXUZ4i1xEVIOeCR0961qYv+sf6j+VROEZq0lcmUYyVpIyfEGhyaz9n8u4EYiJJVgSDnHzfUY4+prWiQxwojMXKqAWbq3vT6KUacYzc1uxKCUnJbsw9Z/tz+1Lf+yv8Aj32jd93G7PO7POMY6e9bK/6x/wAKfTF/1j/hRGHLJu71HGNm3fcfVS81Sy0941vLhYmk+6CCfxOOg9zxVus/UtEs9Vkje7Vy0Yx8rY3D0PtRU5+X3N/MJ81vd3L5YBC3UAZ4rB03VrbxF9ogEDRlRvRmOeDwD7fSt8AKoA6DgVBbW8EDTGCGOMu+XKKBuPqcdaJKbkmnp1E1K6s9Dm54Xt5mjk+8tR10t7YpeR8/LIPut/SudkjaKRo3GGU4NaFnP3NlcaNcPfaQnmQOd1xZjv8A7Seh9u9WHGneJ9Fnt/MMlvcLhxG5V09ORypBGfwrVrB1fw+LjfdaaFiuQfmTGFm74I9feuKUJ0LypK67f5f5fcczjKlrTV12/wAv8jL8Oa5qth4kfwp4kguJpgjS6fqYjLJdwrjO8gYVxkA5wCSPUZ7KsvRtSWdDZTq8F5bgB4pT8xH94HuKswPfCa8N3HD5KsPswiJLuu0ZLehzkYHpXTTqRqR5om0JqceZFukT7v4n+dUdM1F7/wA3fEE2Ecjp9PrV5Pu/if51UZKauioyUldEN3Pc20aSWUZklEi8BS2PfA611elT3NzpcEt9F5U7D5lxjvwcdsjBx2zXHXY1M39t/ZmPvDGcY3Z43Z7fSu8rON3Ub1/QhXc2wooorY0CiiigApH/ANW30NLSP/q2+hoAw9ETdds+fur/ADrdrG0IHzJTg4wBmtmgBjf6xPxp9Mb/AFifjWNbX+rP4kktprQrZgsN/lkAKBw27oSeOPf2oMqlVU2k1u7G5UV1bpd2c1tLnZMhRsdcEYp8kixRPJIcIilmPoBVLS9ZtdW837LvBixuV1wcHOD+h/Kgcpwuqcnq+hDpmlRaDa3EhleUsN7sVxwoPQfnWY72fi6zvFW08u8igIidnI+8DtyR15HQ5/Wuorn7LRb2z8SSXMcscdk7MxjjOA2RgDb0yDjnrx70HHWouKhShG8NmvXrr2Oc0S51Tw3M1hfWxIuHUohOD6HaBwe2a9DrF8UWMd7paia7jtURwSZjhG7YNaWnwfZtPgh80zbEA8wnO73oFg6U8PJ0b3itr2+4fdXUFlbtPdSCONerH/PNFrdQXtus9rIJI26MP88Uy+sYdRtGt7kEoxB+U4II6GixsYdOtFt7YEIpJ+Y5JJ6mg7P3ntOnLb53LBGRg8isDUtPa3cyxD90T0H8Naeqagml2DXMiM4UgBRxkk4FJpmoR6tp4uFjKAkqyNzyOv1oH7WHtPZ313OdpE+4Kv6hpzWjb0y0RPX+79aoJ9wUGgtFFFABRRRQAUg++34UtIPvt+FAC0UUUAFFFFABVXUrC11TT5LLUIFuLab5ZIn6OPQ1apG7fWgDn/FWpa3oOnQ3PhzRYtUggGbm2RykojGOIlAwxxu49hjPSp/DPivS/FdlLPpbyK9vKYbi2nTZNA4JG10PIPH+cGtqoWgEcc5tFjimmyxfZ959oAZsdeAB9AKANfRf+P4/7h/mK3q5TwdDqEEcaazdRXd4Iz5ksMXloeR0XJrq6ACiiigAooooAKKKKACiijI9aACmSfdH+8P50/I9aZIRtHP8Q/nQA+ijI9aMj1oAKD0NGR60hIx1oASL/Up/uinUyIjyU5/hFPyPWgAooyPWjI9aAGL/AK1/oP60+mKR5rc9hT8j1oAKKMj1rJ0+71GXUpo7uHZCoOCVwAc8YPek3Z2NIwck2uhpt/rE+p/lTyQOpxTGI8xOe5/lWN4pjDafG+7lZMBDyrEjv+VKT5VcdKCqTUG7XNyiqWlXKTaTbuGbATZmQ8kr8pOe/Iq7ketNO6uRKLjJxfQZL/qm+lPpkpHlNz2p+R60yQooyPWjI9aACmR9X/3qfketMjIy/P8AFQA+uB8V6A9lP9sskIt2++FH3D9PSu+yPWmuqSRskgVlYYIPeplFSVjWlVdKV0cRp919qtQxTYy/Kw98VleK/C1v4otIUaV7W9tH8+zu4yQ0Mg6H3HYj0rqr7T1sZP3KhYGPy47H0qln95+FNbakSacroxtM1DVLS0hj8TwwxzsdrT27loye3UAjPv8A/XrWguYrlSYX3AdeCMfgag1HTYdTW3WeWZBBMJgIpNocgEbW9VIY8fQ9RWdvGjXRjtpVnVhloWPzgD0PQ8HpWbbg9djrjCnXjaOk/wAH/k/wN2tzSf8Ajw/7a/4VztteQXkW+Bww6EdCD9K6HSSPsH/bX/CtE01dHJKMoPlkrM1KKMj1opkhRRRQAUUUUAFMT70n+9/QU+mJ96T/AHv6CgB9FFFADZP9W30NKPuj6Ukn+rb6GlH3R9KAFooooAZ/y2H+7/Wn0z/lsP8Ad/rT6ACiiigBkX3P+BH+Zp9Mi+5/wI/zNPoAKY/3k/3v6Gn0x/vJ/vf0NAD6KKKAMRdIu5dXmkvJhLZyFv3ZYnIPQY6DHHI9PetS1t4rVWit0CIMYAqesbT9Pv4NYnnuLrzIWzhdxOc9OOgxXIqaoyXLG93v2/4Bs5Oa1drFXxjqaWVjDbyJn7QSd2fu7SD/ADIrV0a2jttLiERYiQCQluuSM1HrGh2+siH7QzKYSdpX0OMj9BV+KJYYUij4VFCr9BUU6NT61OrPayS/X8SpTj7GMI79Ql/1L/Q0+mT5FvJgZO04FZmjXWpXE0w1GAxqvQlNuD6D1HvXTKoozjBrcyUW032L9zZw3Q/erkjow6isK80+W0YkjdHnhxXQzTRW8RknkWJB1Z2wB+NKrJLGGQq6MMgg5BFaXV7E2drnIn/WD6H+lLWlqWmeVJ5tuMpgllH8PT9KzaYjM17Rf7ctIIRf3lg0FzHcLLaS7GO0/dPqpBIweOnpVyS/s4b2GzmuoI7qcM0UDSAPIB1Kr1OO+Kil1FYr5bcxk5IUtnufb8azvE/hDS/FltEmorJHPbtvt7q3cxywt6qw5H0qYzjJtLoNxa3NxPuCuqtP+PGD/rmv8q4PQLO50nQbWz1PUWv54xsNzIoVpPT8cfnXeWn/AB4wf9c1/lVCJqKKKACiiigApg/1zf7o/rT6YP8AXN/uj+tAD6KKKACmH/XL/un+Yp9MP+uX/dP8xQA+iiigAph/1y/7p/pT6Yf9cv8Aun+lAD6KKKACmP8Aej/3v6GlkYpEzKpYqpIUd/asnSNWm1N3E0AjEbjDLnHIPH1H9azlVjGag92OxsUUVR1q4ktdHuJoH2SKBtOPUgYHvzge9OclCLk+gi9TH+8n+9/Q1l+G7ue80tnunLuspX5vvKMA4OOM8547EVqP95P97+hpUqiqwU11G1Zj6KQMDnBBx1welLWggpkv+r/Efzp9Ml/1f4j+dAD6iuLaO6iKSj6HuKlooA5q9sJLNhu+ZD0YD9Kz7i2hnAMsYYr0zXZuiyoUkUMp6g1i6lpPlRNLbZKg5Ken0pNJqzA5zXdJGt6Hc6b9rubLzlAW4tZCkkZBBBBHuOncZFVjqDW+sQ6S1ynnSRExLK48yRVHL++D1wK2axPEnh1dagS4tZDaaraAtZ3iHDRt/dPqh6EVMouVrOwFq000hna/WOcnAXeN+PxP8qJNC01w5NqoJycgkVPZyypbW8OozQNemMeYIuFZsclQecVZb7p+lY/VqElaUU/VJjuzAns7VbhbQy3hDbVz55IBPTjv2q3H4ftlj8t57hwfvKZSA31FafloWVyilwOGI5FU208tqQuvN4yDtxz06Z9K53gqSd+RP9EVzMb/AGVplmrTG2iUKOSw3foa7exubW6tFaxZTCvyAKu3bjtjt9K5WaJJ4WjkGVbrXVWNjBp9v5NsCFLbiWOSTXTCkqc7U4pR8lYm99yWL/Vin0yL/Vin10CCiiigBCSB8oyfrSZf+4P++qdRQA3L/wBwf99UwF/Ob5R90fxfWpaYP9c3+6P5mgDJsfD8djq0l9GzMzFiqFuF3HJ7c1r5f+4P++qdRUQpxgrRViYxjFWiNy/9wf8AfVZWuWl/fWpi0+UQyblZv3hXcvPGQMjnB/CtemD/AFzf7o/mac4qcXF9QlFSVmZej6MunQpLLDG96VIkmDHnJ/zz3rVy/wDcH/fVOopQhGEeWIRioqyG5f8AuD/vqmKX3v8AKOo/i9qlpi/6x/qP5VZQuX/uD/vqjL/3B/31TqKAG5f+4P8AvqmKX8x/lHUfxe1S0xf9Y/1H8qAFy/8AcH/fVYaX+snxMbZrPFnk/PtO3bjht/TOe1b1FZzg5Ws7WIlFytZ2G5f+4P8AvqmKX8x/lHb+KpaYv+sf8K0LFy/9wf8AfVZGs+Il0aaKOW2aQupYlXxgflyfatmo5beGcoZoo5ChypdQdp9R6VnUU3G0HZkzUmvddmKruyhggwRn71NQvl/lH3v71S0yPq/+9WhQ2WbyYmll2IiAszM+AB61kvLb67bmfTmEjxnaRyp/EMAa2J4Y7m3khmXdHIpVl9Qaq6bpVrpUbpaBv3hyzO2SazfPzq1rde5D5uZW2OdYSIxV0wwOCCelMUtlvlHX1rodXtI5LdrjckbRjLMxwCPc1zsMiSqXidXUnhlOQau6vYu/QqahpNtqexrmL95H9yVH2uvOeDWJqdvqkOj3On3rXVzZzRGMXdk+24hHrxyT7iuqrB8Sanc2ElutsxUMCTj2rkxFOEE6q0fdfqupz1Yxj+8Wj8v17mH4B13WXuJ9C1vF99ljD22qKwXz484AdD8wcY54x37jPbqW2/dHU9/esOTw3He3H2t5midwXDxDa4Yj19Oaq6LY+LrHTVXVdWsb65Ezc+SUV13HHPY45xj2560Qq1or95G/p/l/w4RnUS9+P3f5HW2pb7ZD8o/1i9/eupy/9wf99VwGm6tfJqlrBqGkXCO8qASQYkTlsZJH3R9a9Brop1Y1FeP5NfmawmprQRST94Y/HNLRRWhYjkhGKjLY4Hqa5Dw1cSNqGmNHcyzm90957wPKXAlDJg4J+XlnGBjp04rsKhgs7W2llktraGGSZt0rRxhTIfUkdTz3oW9w6Erbv4cfjTH8zy25Xp6VJSP/AKtvoaAMnQ9/ky42/eHb2rU/eeq/lVLRgBYZxyWOa0KAIm8zzE+737U7956r+VDf6xPxp9AGPr+n3+o2SxWUyJ83zruK7xjpkVNo+krpNikUax+aVHmyAHLkD3rSooMPYQ9r7XqM/eeq/lR+89V/Kn0UG5l61pI1a1RJZPLMbblZR+FW7O1NlZRW0RBSJQoJ61NL/qzT6DNU4KbqJasZ+89V/Kj956r+VPooNCKSMyxtHKsbowwysuQfwojiMMaxxLGiKMBVXAH4VLRQKyvcZiQ9dn5ViXumOkZmtwCvVlA6VvUyL/VigZyXze1Hze1dHe6bHdDcmI5PUDr9awp7aW2k2zLtPY9jQBD83tR83tS0UAJ83tTRu3t07U+kH32/CgA+b2o+b2paKAE+b2o+b2paKAE+b2prbuOnWn0jdvrQAfN7UfN7UtFAF/Rd/wBuONv3D29xW7+89V/KsTRf+P4/7h/mK3qAAZxz19qKKKACiiigAooooAKaUQ9VX8qdRQA3y0/uL+VNkRAowq/eHb3qSmSfdH+8P50AL5af3F/Kjy0/uL+VOooAb5af3F/Kgxpj7i/lTqD0NAEcaIYkyq/dHaneWn9xfyoi/wBSn+6KdQA3y0/uL+VHlp/cX8qdRQBGETzW+Veg7U7y0/uL+VIv+tf6D+tPoAb5af3F/Kjy0/uL+VOooAjZE3p8q9T29qV4InUq8SMp6gqCDQ3+sT6n+VPoAy9U0VdQWERusIiyAoTIxx29RitCOBI4lTAbaoGSOTUlFJRSdy5VJSiot6IjlRBE2FXp6U7y0/uL+VJL/qm+lE0ghheVgSEUsQvU4FMha6GVBb6kNckaYL9ky2ORtK9gB1z0z9DWt5af3F/KqGk6sNUEv7kxNHj+LcCDnHOBzwePpWjUxta6Nq3MpcslZoztU1Sy0lYjdLkykhQqjt1POB3H51atzFNH5kYVkf5lOOoIrlb/AEvVvEF0q3SCJYN33xtUZI4Bwd3T/wCvXQLd2uk28Vvcz4KgIDtPOABnjoKiM2229jerQhGEVB3nre2pf8tP7i/lR5af3F/KnA5AI5BorU4jEsrxtUup7W6s1SNVJyAcoc4wff8AwNZ93afZbwxsoxjKn1FdXVHULMXQ4H7xUJWlFNLU0qSjKV4qxzu1f7o/KuX8V+Cotflt9RsLhrHWbFt9pcqTtB4yrAdVbABrqQQc4OccGimRdo5vRZj4gsXuZbSbStTt5XguFxlfMXg7W6OvcEfjg12/h+K4XTiLwwufOwpRcZHvWFqIvzYsNIa2S6LIFa6VmRV3DcSFIJO3dgZGTjkda6bSf+PD/tr/AIVKik7o1lWnKHJLW33/AHmjsQdFX8qdRRVGIUUUUAFFFJuHqPzoAWmJ96T/AHv6Cnbh6j86ajDdJyPvevsKAH0Um4eo/OjcPUfnQAkn+rb6GlH3R9KbIw8tuR0PelDDaOR09aAHUVj2V3qcmsyxXMW22BbB24AH8OD3zWvuHqPzrKnUVRXSa9S5RcXZjf8AlsP93+tOZlUZYgD3NM3DzhyPu+tUNY0oarHEBcCIxknBXcDn2yOeP506kpxg3BXfYUUnK0nZGnRUcCLBbxxCQv5aBdzHJOBjJp5dQMlgB9atbakjYvuf8CP8zT6jhdTHkMCNx5B9zVbVNSXTbPztnmksFC7sDPue3SpnOMIuUtkVGLk7Iu0x/vJ/vf0NQ2F6t9Yx3AXy94OVJ6EHB/DipnYbk5H3vX2NOMlKKktmJpp2Y+ik3D1H50bh6j86oQtMX/WP+FO3D1H50xWHmPyO3egCSik3D1H50bh6j86AGy/6l/oafUcrDyX5HQ96fuHqPzoAq6lp0ep2ohkdkKtvVl7HBH8iao6DpF1pXmLPcCSPGFUMTk5zu56fQVettUs7yd4becO6ckYIyOmQe/4Va3D1H51zKlRqVFWjuuqZrzzjF03sNP8Arl/3T/SsXW9PeG2kubJMsBkx4/UVslh5y8j7p7/SnkqepFdDV1YyRw1iZZo/Mu4gJFOFYpg4/p3qF9ZgFyIogZB3YHHft61u6lai1uPk/wBW/K+3tWVDY21vIXjQbu2Tnb9PSsXCoklB+rNFKLbckJPYWt8LZry3jmNtMJ4d4zskAIDD3AY12dp/x4wf9c1/lXKIRsHNdVaMPsUHI/1a9/atzMnopAQehFLQAUUUUABGRg1EI185uP4R3PvUtMH+ub/dH9aADyk9D+Zo8pPQ/mafRQAzyk9D+ZppjXzlGP4T3+lS0w/65f8AdP8AMUAHlJ6H8zR5Seh/M0+igBnlJ6H8zTTGvnKMdj3+lS0w/wCuX/dP9KADyk9D+Zo8pPQ/mafRQAzyk9D+ZprxqGTj+L19jUtMf70f+9/Q0AHlJ6H8zTZbWGeJo5kDowwVJ61LRSaTVmBBb2VvaxeXbxCNM5wCetOeNQU4/i9fapaY/wB5P97+hoSSVkBlaVoA026lma5aXeMYxjPOctzyff3NXdQhmawmFjxPt+TLf55xU11cC0tJZ2VmEaliq9TiqmkaqNVgd/J8pkbaRu3A/Q4Fc0Y0qf7iOl7j1eo3RoLxLHGp5Mu87QWywX3I4znP4YqGTWtP/tb+zAX8/IGe2euOuentiruqSXUOnyPYpvmGMDGTjPJA7nFchFpsttq8et6xMId0u4IVO9uMfcA4/wA8VzV61Sg4U6eu12+3qUknqzrdTmNlp0txDEZXTGFyeOep9h1pmkXLahYCeaHy2LEcE4Yeoq9HIk0SyRMGRwGVh0Ip1d3LJz51LS236k9BnlJ6H8zTZI1EZwD271LUburwkowYZHIOe9aiKN9o8c/zwAJJ3GeDWHJAYpCkilWHUE111Vb2xS8T+7IPutQBw19oFrqF9bXM7zA20yzqiSFQzKCBnHUc5x0yBU9vqVheXl5Z2twr3NmwSeLJDRkqCOD2IPXp19DWhNC8EhjlXawrj/GXhe/v54dd8MXYs9dsUIj3f6u6TqYpPY9j2NSoqOwHVhBtH+NLsH+TUFg91Jp9u+oRRw3TRqZY4nLqrY5AYgZH4VYqgE2D/JrrfKT0P5muTrr6AI4VAjBFSUyL/Vin0AFFFFABRRRQAUwf65v90fzNPpg/1zf7o/maAH0UUUAFMH+ub/dH8zT6YP8AXN/uj+ZoAfRRRQAUxf8AWP8AUfyp9MX/AFj/AFH8qAH0UUUAFMX/AFj/AFH8qfTF/wBY/wBR/KgB5IUEscAdSaQEMMqQQehFYnjC2vLvwxcxaarNOSpCp1IBGeO/Ham+DLW9s/DMMWpK6Tb2O1+CFzxx2+lc/tn7f2XLpa9/0MvaP2vJbpe5vUxf9Y/4U+mL/rH/AAroNShrthd6hp4isJxDIHDHLFQ454yOR2P4VZ06Ca106GG6l86VFwz+tWaKzVNKfP1I5VzcwUyPq/8AvU+mR9X/AN6tCx9VtRkuYtOmeyj8ydVyi+pqzRSkrqwmrqxhWMN5regzW+tRvEXfCNs2MQCCDt7fMPxxSReHorSweO2Z3kVyxZur8Cn+JPEsPh1LcywmVpy20btoAGM8gHnkdvXmtSyuEu7VLiMEJModQeuCARXNT9lz8t7zite5jDk5rXvJHMEEHBGDVF5LC+ufIfbLLGTwQfx5711Oqaf5w86BR5g+8B/F/wDXrmo9Pt4btrhEIkYnOT0J68VvJN2S2NZXZZAwMDgVnavo9vrmlPZXTSIC29JInKvG4OVZT6g1o0ifd/E/zqyji/DXi/WNP1d9E8V6ZKb6xIkW9hGYruHPDqcY38cqcc/jj2SuUt40e+ty6KxWRSCRnHIrq6lJ3bb0Er3YUUUVQwooooAKR/8AVt9DS0j/AOrb6GgCrpihdOiwMZGTVuobNBHZxKORtB5qagBjf6xPxp9Mb/WJ+NPoAKKKKACiiigBkv8AqzT6ZL/qzT6ACiiigAooooAKZF/qxT6ZF/qxQA+mvGsilZFDKexFOooAy7jRUcs0D7CeinpWVPay2z7ZUx6HqDXU0hAYYYAj0NAHI0g++34V0Muj2z5K7kJOeDWXNpNzFM/lr5qgDlf8KAKdFKQQcHg0lABRRRQAUjdvrS0jdvrQAtFFFAGjov8Ax/H/AHD/ADFb1YOi/wDH8f8AcP8AMVvUAFFFFABRRRQAUUUUAFFFFABTJPuj/eH86fTJPuj/AHh/OgB9FFFABQehooPQ0ANi/wBSn+6KdTYv9Sn+6KdQAUUUUAMX/Wv9B/Wn0xf9a/0H9afQAUUUUAMb/WJ9T/Kn0xv9Yn1P8qfQAUUUUAMl/wBU30p9Ml/1TfSn0ANSNIlIiRUBOSFGOadTRIhcoGUsOSueRTqBu/UKy9V0tdRtZdq/v1yEO7HpxWpTI+r/AO9SaTVmVCcqclKO6KejxXkVkV1Akvu+QFgSFwOCR75rP07xG194gm08xKqoXAI6jacevP5Ct+s210KztNTkvog3muScEjAz1qHGSsom8KlKXO6i1a0t3NKopE8xmQkjchGR1FS0z/lsP93+taHKc0+gHS0edZ/NDkBhs27ffqf84qCutkjWWNkcZVhgivObc3MfiW4hkZiiu689wDxUXUbI3UZVuabexs1uaT/x4f8AbX/Cufmnjt498pwM46ZzW7okizaWskZyrS8H8qsxs7XNaiiigQUUUUAFN2L/AHV/KnUUAN2J/dX8qaiLuf5R9709hUlMT70n+9/QUALsT+6v5UbE/ur+VOooAZIi+W3yjoe1KEXaPlXp6USf6tvoaUfdH0oATYn91fyo2J/dX8qdRQBHsXzh8o+76U7Yn91fypP+Ww/3f60+gBuxP7q/lVe/sUvrGS3z5e8DDAdMHP5cVaoqZRUouL2Y02ndGfo+mrp1iYS/mkuzElcAdsAdhxV1oY3Uq8aMp6gqCKIvuf8AAj/M0+lCEYRUIrRDlJyfMyNolERWJEUhcLxwPSub8P6hLPqMttdyF2Byu7ByRkNj0HTrW7qOpQ6bCskyu29tqqgGSeveuO8KW87eJ5bsxMIXDncR6nivNxVZxxVKEH11Xl5nVRpp0pyl8jutif3V/KjYn91fyqOW8t4JUimmRHk+6rHBNTV6ikm7I5LNDdif3V/Kmqi+Y/yjt2qSmL/rH/CmIydJ1K4vr6aG4s1iRASCFIKHONpz1P5dDWvsT+6v5U6isqUJQjaUrsuclJ3SsRyoohfCjoe1O2J/dX8qSX/Uv9DT61IKVrpFlZ3DzW8IV3GDk5wM5wPSrexP7q/lTqKmMIwVoqw3Jyd2RlF85flH3T2+lO2J/dX8qQ/65f8AdP8ASn1QiOW3imjKSRqVPtXNXdr9luXiI4Bypx1FdTVHU7I3UQaPHmJ+o9KAOcRRsHA/KuqtEX7FB8o/1a9vauWUYXB6iuqtP+PGD/rmv8qAJQqjoAPoKWiigAooooAKYP8AXN/uj+tPpg/1zf7o/rQA+iiigAph/wBcv+6f5in0w/65f90/zFAD6KKKACmH/XL/ALp/pT6Yf9cv+6f6UAPooooAKY/3o/8Ae/oafTH+9H/vf0NAD6KKKACmP95P97+hp9Mf7yf739DQA8jIwabHGkS7YkVF9FGBTqa0iIQHdV3HAycZpabgOqnqOn29/Cq3KFtrAqQSCKuUyX/V/iP50pRjJcsldAcf4N1i7vNWns5XzBHCSqdlwwAx6cH2rs6y9N8P2WlXktzah98g2/MRhRnOBx7DrnpWpXJgaVWjR5KruypNN6EVzALm1lgLMgkQruXqMjqKoaZpP9lWkqed5pdgeF2gfQZNX7m5itLdp7htkadTiuHTU7q88bBreWRrVpQo4I+XHTH1qMVWpUasJSV5N2XlfqCTaO9ooor0CSveWcd5Htfhh91h2rmp4mhd45BhlyK62ql/ZR3cDZ+VwDtagDkpbMzX1rc/aZ4xbq48lHwkhYAZYd8YOPr9KZp2rWWqi4+wXCym2meCZejRupwQQeR7eowRxV542ico4wy8GsSfw+f+Eog1vTrlLSUoYbyMwBhdR9Rk5BDKRw3PGRg5oA2a6+uQrr6AGRf6sU+mRf6sU+gAoorJt/ENvcakLUQTojyyQRXDBfLlkTO5Rzu42tyQAdpxQBrUUEgdTik3r/eH50ALTB/rm/3R/M07ev8AeH50wMvnNyPujv8AWgCSik3r/eH51U1TUV0zTZbsp5vl4wgOMkkDr2HPJpSkopyeyE2krsuUwf65v90fzNUtH1ZdWsBceX5J3FSpbIyPQ8ZH4VcDL5zcj7o7/WlGSnFSjswjJSV0SUUm9f7w/Ojev94fnVDFpi/6x/qP5U7ev94fnTFZd78jqO/tQBJRSb1/vD86N6/3h+dAC0xf9Y/1H8qdvX+8PzpisvmPyOo7+1AElFJvX+8Pzo3r/eH50ALTF/1j/hTt6/3h+dMVl8x+R270APfcUbZw2OCfWuR8Lahrb65dWmrIzxqD8xP3GB6/Q9ulddvX+8Pzo3r/AHh+dY1KTnOMlK1vxM5QcpKSdrC1j6r4jsNDmSO+L7pWJGwDgccnJH6ZNa+9f7w/OuE8d6He6ve2r2MfmKoZCR2JI/Ss8XUqU6LlSV2RiJzhTcoK7O7Vg6hl5BGRS1HDhII1YjKqAefan71/vD866VsbmJ4l8MxeI0txLN5TQFsHZuBBxnjI54FallbraWqW8ZJSFRGpPUgACp96/wB4fnTEZcvyPvevtURpQjN1EtXuQoRUnNLVklYur2RVzcx42t94eh9a2d6/3h+dIxRlIYqQeoNaFnJUifd/E/zq5qNqLW4+Ujy35XHb2qkhG3qOp/nQBYtP+PyH/rov866muVtWH2yHkf6xe/vXU71/vD86AFooBB6HNFABRRRQAUjDKkeooKK3UZpPLT+7QARp5cSpnO0AZp1N8tP7tHlp/doARv8AWJ+NPqJo18xOPWn+Wn92gB1FN8tP7tHlp/doAdRTfLT+7R5af3aAEl/1Zp9RSRqIzxT/AC0/u0AOopvlp/do8tP7tADqKb5af3aPLT+7QA6mRf6sUvlp/dpkcamMcUAS0U3y0/u0eWn92gB1FN8tP7tHlp/doAdTF/1r/hS+Wn92mLGvmPx6UAJLaQT/AOsiUn1xzWdcaJ1a2k+iN/jWr5af3aPLT+7QByskTwttlQqfQimV1b28Mgw8asPcVl3miKSXtMD1Qn+VAGRSN2+tPkt2hfZKhVvQ1EyjjjvQA+ik2L6UbF9KANLRf+P4/wC4f5it6uf0VFN8cj+A/wAxW95af3aAHUUAYGBRQAUUUUAFFFZOtz3QnsLKzuWtGu5WVp0RWZQqFuNwI5xjkHjNAGtRWboF9LqOiwXFzgyncrEDAYgkZ/HFaBZs/cJ/EUAOpkn3R/vD+dLub/nmfzFMkZto+Q/eHcetAEtFN3N/zzP5ijc3/PM/mKAHUHoabub/AJ5n8xWTpkGqw3sz3zs8TKeC4OWzwQOwxn06ik3ZmkYKUW72sa0X+pT/AHRTqijZvKT5D90dxT9zf88z+YpmY6im7m/55n8xRub/AJ5n8xQAi/61/oP60+ogzea3yHoO4p+5v+eZ/MUAOopu5v8AnmfzFG5v+eZ/MUAI3+sT6n+VPqJmbenyHqe49Kfub/nmfzFADqKbub/nmfzFG5v+eZ/MUAJL/qm+lPqKVm8pvkPT1FP3N/zzP5igDNg0UQ6y999oZgWZgm3nJ65PccnjHp6VqU3c3/PM/mKNzf8APM/mKSilsXOpKbTkx1Mj6v8A71Lub/nmfzFMRmy/yH73qKZBQ8Qas2jacs8aK7PIIxuGQOCc44z09as6VenUdLguyoQyLkgfXH9KZqWnxaraiC6jfaGDAqRkH8eO5qW0t1srSO3giYRxjAyRUWlz36HQ5UvYJJe9f8CzTP8AlsP93+tLub/nmfzFM3N5w+Q/d9RVnOVtXivJbLbp7FZN4LbW2kr6A9ucflVSXTZn0yOS42tdovzsOSw9Ce5AxWvub/nmfzFJub/nmfzFK2tzT2j5OSxx80EdxHslXIznrjFbuiRrDpapGMKsvA/KqGo27W10cIQj8rzWhpLH7B9w/wCt9R7UyLu1jVopoZs/cI/EU6gQUUUUAFFFFABTE+9J/vf0FPpifek/3v6CgB9FFFADZP8AVt9DSj7o+lJJ/q2+hpR90fSgBaKKKAGf8th/u/1p9M/5bD/d/rT6ACiiigBkX3P+BH+Zp9Mi+5/wI/zNPoAjnt4bqPy7iJZEznawyKNixrGiKFVTgADpwakpj/eT/e/oaVle/Ud3axSvdFtb+7S4mMgZQAQrYDAHIB49z0xV2Z2jt5HjQyMqkqgP3jjpT6KhU4xbcVZsbk3ZPoYFvNqGt6XdQyqtvICuyQKyhvVTnJ7dffpTPDmpw+dJprStJPGSc/w4HUDvx7gV0Vc7pHhptO8QXF8ZlZW3YA6ncc/h+tcE6VanVpyh73ST8jpjOnKElLTt6nRUUUV6ZyDJf9S/0NPrk9A8Q3mqapeW1ztKLEzgAD5SGAwPbnvnpXWVz4fEQxNP2kNjWrSlSlyyCiiiugyGH/XL/un+lPph/wBcv+6f6U+gAooooA57UrXyZFlUfJJ+hrbtP+PGD/rmv8qZNbi6sTEepGVPoaktlKWkKsMMqKCPTigCWiiigAoori/FEkY1W+899t1HaRNpo3YbzNz7tg/vZ2Zx2xQB2lMH+ub/AHR/WlXeY1zgPgZ470wCTzm+Zc7R/D9fegCWimYk/vL/AN8//XoxJ/eX/vn/AOvQA+mH/XL/ALp/mKMSf3l/75/+vTSJPOX5lztP8P096AJaaZYxKIy6h2GQpPJ/CkxJ/eX/AL5/+vWVcaCbjWUvzdbdrKxTy+69MHPA4GR9ayqSnFLkV9Ro2KYf9cv+6f6UYk/vL/3z/wDXppEnnL8y5wf4fp71qIlopmJP7y/98/8A16MSf3l/75/+vQA+mP8Aej/3v6GjEn95f++f/r01xJuTLL97+77H3oAlopmJP7y/98//AF6MSf3l/wC+f/r0APpj/eT/AHv6GjEn95f++f8A69NcSZTLL97+77fWgCWsrV9DGqzRSG4aLYNrALnI9ueD781pYk/vL/3z/wDXoxJ/eX/vn/69Z1KcKseWauhp2HgYAHpTJf8AV/iP50Yk/vL/AN8//Xpsgk2csvUfw+/1rQRkeK9Wn0fSo5rXAd5ghOBkDBPGc+npV3RL2TUdFtrqYASSLlsD3I/pUt7YR6hB5N2qSJncBggg+oINSQW/2aBIYNiRoMKoU8frXLGnVWIc3L3bbeZV1awtzbRXdu0Fwm+NuorB0vSL3TtRlJwLXJIy+7dk8Y7iugxJ/eX/AL5/+vTZBJ5Zyy9v4f8A69XUoQnOM3uhXsrEtFMxJ/eX/vn/AOvRiT+8v/fP/wBetxD6a/8Aq2+hpMSf3l/75/8Ar0jiTy2+Zen93/69AFHUbD7RCJYVzKAM/wC0P8awyCDg8GuqUSbR8y9P7v8A9esnWLKTP2lCuOj4X9aAOUj07TPD39qatFDIrz7rm6YM8rNtBJ2rz74Vfyr0G3mFxbRTKkiCRA4WRCrLkZwQeQfauTw/qv5f/XrrcSf3l/75/wDr0AEX+rFPqOHd5YyQR2wKkoAK5yz0C8h1GBZntzYWl3NdwMhbzHMm47WXGAFMjcgnOBwK6OigOgEZ680m1f7o/KlooATav90flTAo85uB90dvrUlMH+ub/dH8zQA7av8AdH5UhRGUhlUg9QR1p1FADVjRFCqiqB0AFNCjzm4H3R2+tSUwf65v90fzNADtq/3R+VG1f7o/KlooATav90flTFUb34HUdvapKYv+sf6j+VADtq/3R+VG1f7o/KlooATav90flTFUeY/A6jt7VJTF/wBY/wBR/KgB21f7o/Kjav8AdH5UtFACbV/uj8qYqjzH4HbtUlMX/WP+FADtq/3R+VG1f7o/KlooATav90flTI1GX4H3vSpKZH1f/eoAdtX+6Pyo2r/dH5UtFACbV/uj8qYijL8D73p7VJTE6v8A739KAHbV/uj8qNq/3R+VLRQBXu7RLq2aMqAcfKcdDXMGMxsyOuGViCPxrr6x9Tst0JuYwMgnf789aAM21A+2Q8D/AFi/zrqdq/3R+Vcvaf8AH5D/ANdF/nXU0AAAHQYooooAKKKKACiiigAooooAY3+sT8afTG/1ifjT6ACiiigAooooAZL/AKs0+mS/6s0+gAooooAKKKKACmRf6sU+mRf6sUAPooooAKKKKACmL/rX/Cn0xf8AWv8AhQA+iiigAooooAjnt4rhNsyBhWDqWmta4ePLxZHJ6j610VMlAZQCMgsMg0AcnRW1faQpUyWow3Up2P0rGIIJBGCOooA0NF/4/j/uH+YrerB0X/j+P+4f5it6gAooooAKKKKACquoaZa6pCsV4jMEbejJI0bKfUMpBH4GrVFAEVtbQ2lslvbII4oxhVHYVLRRQAUyT7o/3h/On0yT7o/3h/OgB9FFFABQehooPQ0ANi/1Kf7op1Ni/wBSn+6KdQAUUUUAMX/Wv9B/Wn0xf9a/0H9afQAUUUUAMb/WJ9T/ACp9Mb/WJ9T/ACp9ABRRRQAyX/VN9KfTJf8AVN9KfQAUUUUAFMj6v/vU+mR9X/3qAH0UUUAFM/5bD/d/rT6Z/wAth/u/1oAfRRRQBR1W28+zLj70XzD6d6i0n/jw/wC2v+FadVo7cWysqfdaXcB6ZxxQBZooooAKKKzNV1n+zZo4o7WS5kaNpWVGA2xrjLc/UcUAadFR21xHd2sVxCcxyoHU+oIzTvMT++v50AOpifek/wB7+grLvNeFrq0dmId4cqC27nn0HfFaaSJuf5l+96+wrOFWE21F7blShKKTfUkopvmJ/fX86PMT++v51oSEn+rb6GlH3R9KZJInlt869D3pRIm0fOvT1oAfRTfMT++v50eYn99fzoAT/lsP93+tPqLzE84fMv3fWn+Yn99fzoAdRTfMT++v50eYn99fzoAxxJq39uBUX/Qt390bSvck9c5z+lbVRRyIE5ZfvHv70/zE/vr+dZU6fJfVu7vqXKXNbQdWfqOr2enTQpdy7Gc5HHQdM1e8xP76/nXKeLdIn1S+tpLbDKqbDgjrnv7VjjKlWlRcqKvIuhGE52m7I62imCRAo+dfzpfMT++v511mI6mL/rH/AApfMT++v50xZE8x/mXt3oAlopvmJ/fX86PMT++v50AcPqunRwa4LaxVwTxiRuBuwcrgZwPUk9/Su3hRooI0dzIyqAXPViB1psrRmNjlS204Oaf5if31/OuPD4WNCcpLr+BvVrOokn0HUU3zE/vr+dHmJ/fX867DAQ/65f8AdP8ASn1EZE85fmXoe/0p/mJ/fX86AHUU3zE/vr+dHmJ/fX86AEi/1S0+oopEEa5Zfzp/mJ/fX86AHUUgdWOFYH6GloAKa0aOys6KzL90kZIp1FABTB/rm/3R/Wn0wf65v90f1oAfRRRQAUw/65f90/zFPph/1y/7p/mKAH0UUUAFMP8Arl/3T/Sn0w/65f8AdP8ASgB9FFFABTH+9H/vf0NPpj/ej/3v6GgB9FFFABTH+8n+9/Q0+mP95P8Ae/oaAH0UUUAFMl/1f4j+dPpkv+r/ABH86AH0UUUAFMl/1Z/D+dPpkv8Aqz+H86AH0UUUAFNf/Vt9DTqa/wDq2+hoAVfuj6UOiyIUcZVhgg0L90fSloA5i8tWtbgqw+Un5T6iunqC7tlu7do24PVT6Gp6AGRf6sU+mRf6sU+gAooooAKKKKACmD/XN/uj+Zp9MH+ub/dH8zQA+iiigApg/wBc3+6P5mn0wf65v90fzNAD6KKKACmL/rH+o/lT6Yv+sf6j+VAD6KKKACmL/rH+o/lT6Yv+sf6j+VAD6KKKACmL/rH/AAp9MX/WP+FAD6KKKACmR9X/AN6n0yPq/wDvUAPooooAKYnV/wDe/pT6YnV/97+lAD6KKKACo0UNEVYZBLA/makpkX3P+BH+ZoAwDbm11aOM9PMUqfUZroqr3Notw8T8B43DA+oz0qxQAUUVDdXtrYxCW9uYbeMnAeaQIM+mTQBNRXMRa/etrkiz4g09ZjFGzWbES8ZGJN+Of93FTaNrd9d3lkt8IDHqNo11AIkKmIAr8jEk7uHHOB0PFC1A6GikZsdifoKTf/sN+VADqKbv/wBhvyo3/wCw35UAI3+sT8afUTP+8T5W79qfv/2G/KgB1FN3/wCw35Ub/wDYb8qAHUU3f/sN+VG//Yb8qAEl/wBWafUUj5jPyt+VP3/7DflQA6im7/8AYb8qN/8AsN+VADqKbv8A9hvyo3/7DflQA6mRf6sUu/8A2G/KmRviMfK35UAS0U3f/sN+VG//AGG/KgB1FN3/AOw35Ub/APYb8qAHUxf9a/4Uu/8A2G/KmK/7x/lbt2oAlopu/wD2G/Kjf/sN+VADqKbv/wBhvyo3/wCw35UAOpkn8P8AvCl3/wCw35UyR/u/K33h2oAlrK1LTPMJntx83Vl9fetPf/sN+VG//Yb8qAMPReL9s/3D/MVvVUW3VL83KKw3Lhlx39as7/8AYb8qAHUUA5HpRQAUUUUAFFFFABRRRQAUyT7o/wB4fzp9NkBKjH94H9aAHUUUUAFB6Gig9KAGxf6lP90U6mxgiNQeoAp1ABRRRQAxf9a/0H9afTQD5jHsQKdQAUUUUAMb/WJ9T/Kn01gS6Edjz+VOoAKKKKAGS/6pvpT6bICY2A64p1ABRRRQAUyPq/8AvU+moCC2e7ZoAdRRRQAUz/lsP93+tPpuD5oPbbigB1FFFABTJOi/7wp9NcEgY/vA0AOooooAKx9Y0q7u7yO60+SFJPIktpBMDgo+DkY7gr+tbFFAEFjarY6fBaxkssMaoCe+Bip8D0ooo3ATaPQflTUHzSf739BT6aoIZ8924/IUAOwPSjA9KKKAGyD9230NKANo47UOMxsB1INKOgoAMD0owPSiigBmP3w/3f60/A9Kbg+aD224p1ABgelGB6UUUAMiHyf8CP8AOn4HpTYwQvPqf506gAwPSmOPmT/e/oafTXBJXHZufyoAdgelGB6UUUAGB6UxR+8f8KfTVBEjHscYoAdgelGB6UUUAMlH7l/oafgelNkBaJgOpFOoAMD0owPSiigBhH75f90/0p+B6U0g+ap7AH+lOoAMD0owPSiigBkQ/dLT8D0psYIjAPWnUAGKKKKACiiigApg/wBc3+6P60+mgHzWPbaP60AOooooAKYf9cv+6f5in00g+ap7bSP5UAOooooAKYf9cv8Aun+lPppB81T2AP8ASgB1FFFABTH+9H/vf0NPprglkx2bJ/I0AOooooAKY/3k/wB7+hp9NcElcdm5/KgB1FFFABTJf9X+I/nT6bICUwPUfzoAdRRRQAUyX/Vn8P50+myAlCB1oAdRRRQAU1/9W30NOpHGUYD0oAF+6PpS0i8KPpS0AFFFFADIv9WKfTYwRGAetOoAKKKKACikIJHynB+lJtf++P8AvmgB1MH+ub/dH8zS7X/vj/vmmhZPMY7h0HOPrQBJRTdr/wB8f980bX/vj/vmgB1MH+ub/dH8zS7X/vj/AL5poWTzCdw6DnH1oAkopu1/74/75o2v/fH/AHzQA6mL/rH+o/lS7X/vj/vmmqrhm+Ycn09qAJKKbtf++P8Avmja/wDfH/fNADqYv+sf6j+VLtf++P8AvmmqsgdjuHPtQBJRTdr/AN8f980bX/vj/vmgB1MX/WP+FLtf++P++aaFfex3DnHagCSim7X/AL4/75o2v/fH/fNADqZH1f8A3qXa/wDfH/fNNVZBu+YDJ9KAJKKbtf8Avj/vmja/98f980AOpidX/wB7+lLtf++P++aaquC3zAZPpQBJRTdr/wB8f980bX/vj/vmgB1Mi+5/wI/zNLtf++P++aaiyBfvAcnt70ASUU3a/wDfH/fNG1/74/75oAdSMqsMMAR7ihQR945/CloAzDoiPfCaW9u5YVk81LWRlaNX9Qdu7ueN2Pam6Z4fttLuBLFNPN5cZhgSZgRbxk5KLgA4yB94k8AZrVoo2AKKKKACiiigBjf6xPxp9NYEyKewzTqACiiigAooooAZL/qzT6bICYyB1p1ABRRRQAUUUUAFMi/1Yp9NjBEYB60AOooooAKKKKACmL/rX/Cn00AiRj2OKAHUUUUAFFFFABTJP4f94U+muCduP7wNADqKKKACiiigAooooA5ofEDQGvHtFbUzcxqHeEaPdl1U9CR5WQDg8+1bGj6vZa9pMGp6VKZrO4XdFIY2TcM4zhgDjj0rjb2TVl1u41LRtH13T7i7VVuA0NnKsm0YUgGcYOK6fwpp8WmeG7e2htrq2G6SR0vChlLu7MzNsJXLMSeD3prYHubFFFFIAooooAKKKKACiiigArObWB/aj2MNldTtEyrLLGF2RlhkZJYHoc8A1o1zN/4fa61mW4i0yzSWWaOT+0g/75Au3gAjI4XHBAwenWjqHQ07XXrW71A2iJMpLOscrqAkpU4YKc54PqB0rTrm9P0S+h1K2FwIha2Ms0kUiuS0nmEkAjHGM+pzXSUdA6hRRRQAUUUUAFRXNxHaWktxMcRwoXc+gAyalqtqVt9s0u5tvLSXzomQpISFbIxgkc4PtSd7aDVr6lH/AISBV09rybTr6FMqER1TdKW6BQGP64rQtLhrq3Ej201sc48ubbu/8dJH61zK+Gc284/sLTooG8v/AIlqyfunKkneSFAzyByD05ra0LT306zkR4YrZZJC6W0JykIP8I4H8hVEmnRRRSGFFFFABRRRQBR1HVY9PaKPyZ7maUMyQwKGcquNzckcDI/MVBP4itLe5SJ47jBCGSTy8LDv+6Hzggn6fWqviLQzqV5a3S2Vtf8AlRSQmC5bCjeVIccEZBT071Rfw5qSxm0Ekc8NxHbrPcO5DqYyMkDHOceooXmB1tFAGAB6UUAFFFFABRRRQAVkReI7aW1mufs90tvHH5qTNH8kyeqnPf0ODWsyh0Knowwa42x8Iy21s8BsLJYltPszxhzi9IIw8hABBwPfrSGdTYXrX0JkezuLTnhbgKCw9RtY1arG0DS2043DfY7fT4pSuy0tiCiYGCeABk/StmqZIUUUUhhRRRQAUUUUAFFFFAGeNYibUjaR29xIFbY86R5jRsZ2k5yOPbHvTNP1611G78iFJkLIZYWkUBZ0BALLz0BI646isl/DMn/CQNcxW9uge589r0N+927cGPGOh+v4VNo2i39tf2TXwhWLTbaS3haNyxm3FfmIx8vCDjnrQvMGdHRRRQAUUUUAFZ9/rEVjcLB9nuLmTaHdbePeY0zjcRnOODwMng8VoVzHiPw5Jqd7JPBbW80k1t5CTTNhrRgTiVODyN2eMHjrR1A1hrCvqkllBZ3UxiZVlmRV8tCRnBywPQjoK0a5ibw876y1wmnWaStMkrakH/fEKACMEZGcY4IHtXT0dACiiigAooooAqahfNYQiRbO4uhzuEGz5R6ncwrO/wCEsshZwXJt7sJLGZmHljMUYON7c9Ppmrut2c+oaVJa2zBTMVVyTjCZG7HvjNZmtaNeTTSf2YkJjubM2bh3K+Up6MBg5wD04oGdCrB0DKcqwyD60tR28It7WKEHIjQLn1wKkoJWwUUUUDCorqdre3aRIJbgr/yzixuP0yQP1qWo7nzTay/ZsedsPl7um7HGfxpPYaMdPFMEkDuLC+Drci1EJRNzyYyQPmwcYOeeMGte2ma4t1leCW3LdY5cbl+uCR+tYU/h9f7AsLOTTbXUzbOJHhunwrPggt0IJyx6g1paJYvp2mLBIFT52ZYkOViBOQi+w6VQjQooopAFFFFABRRRQAUUUUAMmmjt4HmncJHGpZ2boAOprI/4SmxbT7S8giuZ0u42lRI4xuEa/ecgkYAyPfmrWsabLqltHFFdG32SCQ/uw4fHQEHtnn8K5+z8O6xp2mWCo1vdXEVrLayhmKKquQQQcHONv459qWozrYZo7iCOaFg8cihkYdweQafVXTbP+z9LtrPdv8iJY93rgYzVqqdr6ErYKKKKQwooooACcdaxl8U2E1mbmzSa6BuTaosSjdI4z0yQMcE5z2q9qlk+o6bLaxXDW5kGDIq7uO4x71zUPha6hspYr+1sdYT7c1xHBMPLQAggHoRnnoQRS6h0OrtpmuLdZXglty3WOXG5frgkfrUtZ+iWL6dpiwSBU+dmWJDlYgTkIvsOlaFMAooooAKKKKAGyOI42d+FUEn6VlReIYn0+S9lsryC3UAo8ir+93HChQGJySR1x1rTuI/OtZYwqtvQrhicHI74rk4/C0620n2LT7LSzGsZSC3fKTOjhwWIA64xk5PNHUDpdO1KLUoZGjSSKSGQxywygB42wDg4JHQg8Hoat1l6LY3NvJf3d8qRz304lMUbbhGAioBnAzwuenetSgAooooAKKKKACsuDXY53nK2d0LeDfuuWVfLO3rj5s9vStSuUj8MsLqQxaTYWYPmmSWKQlrrfnh+A2OfU+1IZu6bqR1KMyCyurZMAo04UBwfTDH9cVerB0DRjp13LKmn2umRNEsf2a1bKuwJO84A5wcevvW9VMkKKKKQwooooAKz7vWIrW9W1FvcXEm0NJ5Ee7ylJwC3OecHoD0NaFcxrfhyS+1eS6gtreR5o40W4kbD2pRidyDB5IbtjpR1Doaia/aPqgstkwLSGJZio8tpAMlAc5zgHtjitOuai0K+GpwxyeV9ihvWvVlDnexKsNu3HHLHnPaulo6B1CiiigAooooAKKKKACiiigCve31tpto9zfTLDCnVmP6D1PtWafFFo1jZ3Ntb3Vz9siaaOKKMbxGuMsQSMYyPfmtlxujYDqRiuUk8PajFoulw26qbq1heGR47kxnDYyM7TlSQMjAPAwRS1GdPbXMV5axXNs4khmQOjDuCMipaqaTY/wBmaPaWO7f9nhWPd64GM1bqna+hK2CiiikMKKKKAKeoanHp4iBhmuJZmKxwwKCzYGT1IHA9TVCTxXYRwJMI7h0MZllKx/6hAcFnyeACD0z0NS6+ury28cWjLH87YnZpdjKn+ycHn3rIudAvzayRWFrbwJeWJs5kact5PLfODj5uGPpzQh6HWghgCOQelFMhjEMKRjkIoUfgKfQSttQooooGFFFFAFDUdXj0+WOH7PcXU0is4it1BYIuMsckDGSB681XbxPpSzWEIuN8t/jyY1XLAEZyw/hHHeo/EEOsXLQQaZHG1owP2k+f5Uh9FU7TgHnJ60+60uWe20lIIYrdbSdJGiD5CKFIwDjnrQgZsUUUUAFFFFABRRRQBmalr1vpkrxvBcTmKPzpjAgYQpz8zZI9DwMnjpTG8R2guxEsVw8XmLEbpUBiV2AIUnOehHbHNVdetdXvrtLeG2hn0sp++j+0eW0x/ut8p+XHUDrTHtNYudeV72yt30+B1NvGlzgLx99l28kHoM4oQM6OiiigAooooAKKKKACiiigAooooAKKKKACiiigAqpqGox6dHFuilnlmfZFDCoLucEnGSBwATkkdKt1l68NXezSPQ1i8x3xK7ybCidyvBG76igCGfxZpVrp8d1cyvEZJDGsDL+93g4I2+x6np71Pca/aW2oi0kSY/OkbzBR5cbv9xWOc5OR0B6iqc+jzz+Em06C3jtpWIOwzFwTuySWxyTyenWob7Q764v54oxF9ju7mC4klLnfH5ZUlQuOc7BznjNPr/X9dw6HS0UUUgCiiigAooooAKKKKACiiigDIHiSz+1iJorhYWkaFbooPKZ1zlQc5/hbkjHHWmR+KbJo3klguoFEQljMsYHnKTgFcE9SRwcHmqsdtrc2tNd6jZW8qQs32MLdEJEMEBiu3liOM54BOKqpo2sX1rcvqlvAt/IFZJhcFkXawYIF2jC8deTQh9TotO1KLUopGjjkhkhfy5YZQA8bYBwcEjoQeverlZWi2NzBNfXl+qRz3swkMUb7ggVFQDOBn7ufxrVoEFFFFABRRRQAUUUUAFFFFABRRRQB5L43Gnt40sdVXXPDtwY5obhYNR1RIGijEbKVTIb5X3A5wM478V3PgO2js/BVhBBqNvqUahyk9rL5kQBdiI0bJyqZ2D2WsHRvGeqJqtzpMdq/i1bUYa+0kImw8fJIZWSIv/uOT6qK7ewuZbyyjnuLGewkbObe4aMunOOTGzL78MetEdI6dQlqyxRRRQAUUUUAFFFFABRRRQAUUUUAFFFRzy+RbySkbvLUtj1wKTdlcNySiuPsviBDeaXoN2NPdX1iYRGIyc2+RncTjnt+daf/AAmehD7UXu5I1tYXnkkktZVRo0++yMVxIBkZ2E9R61VrAbtFY1r4t0a7GYrmRSZkhCy20sbFn+58rKDg9m6H1qjeeOrCDXbXTrdHlWTz2uLlo5Ejt1hIDktsI4z3IHvyMoDp6KxIvF+jS2c9z588a2+0PHNZzRS/N93EbIHbODjAOccVQg+IWjT609iPtKRrHE3nyWkyDfJJ5YQgoNp3EDn1PoaOtg6XOqorGuvFej2dw1vLcyGZbj7L5cVtLIxl2B9uFU5+Vgc9KqDx5ocdvE93dMrSRmUiG3mlVE3Fd7ER/KuRyWAAoA6Sisa98V6Pp+pCxubiQTkovyW8jorP9xWkVSqk9gSDyDWVZeNp7gWU9zp1vFZ3lwYI2jvTJMpG7lo/LHHynoxxQB11Fc+vjfQX0+G9S4uXgnYrEy2M5MgABLBQmSgBGXxtHTNWZvFGkQXkNs10zvOFKtFDJJGob7u51Uqme24jNAGvRWNB4u0S5a7Ed4QLSNpZHkgkRWRSQWRmUCRQRglCR09RQvizSG05rzzblY1kERjaymWYueQBEU3kkc8L0oA2aK5678VoyWf9iWp1B7qGW5CyOYNkcZUPncpYNl1AUgc5yRiqknjpCqXNpYNNp6xwSTztMEdBN93amDuxnnke2aAOsooByAR0NFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRWfr2qjQ/Duoaq0JnFlbvOYg20vtUnGe3SgaV3ZGhRXNJ40t21HSbVrZkGoWzzySM+Bb7VyVbjk8Eduhqb/AITbQRaT3Ml1NDHAYw/nWc0bHzG2oVVkBYM3AIBHvQI36KybPxPpN80KwXEgkmkeJY5beSJw6LuZWVlBU455AzxWUPiBpsmtNawpK9nHaC6kvDBNjDMVVUAjO5iRjGQSTgAnIoA6uisT/hL9G/s83fn3G0TeQYfsc3niTGdvk7PMzgg/d6c9KqaX470nVdXmsIvPQrMkMEj28qrOzRl8AlQBgK3U9vcUbh5nTUVgz+M9Fi2oly8ksnnBFS2lb/VOUkJKodoDDBJ470kXjXRGuILZ7phPKIs7LeVo0MgBQNJs2rnIxuxn60bg9NzforAvPGej2l1PaCaSS6i3qFFvII3dF3Mgl27CwA5AOR3qhaeOSI7WfWbS2s7W6tXullt7sztGiqGO9fLUjg9s0AddRWG3jHRI1tmkuJ0Fyu9C9nMu1N23e+U/dqT0Z8A9QTUz+KNIj1NrCS6ZZkzucwyeUpAyVMu3YGxzjdn2oA1qKxIPGGi3Gn3F5HczCK3KB1e0lSQ7/ubYyodg3RSoO48DNLL4u0eLT4rxprgxzMypGllM02V+8DEELjHfKjFAG1RWBrHi230waaYLS6vU1CaJFmijIijWR1QOzkY6sPlHzH0xkh9zr9zZ65b2d1pwjtrmbyYZvtAaRmxnd5YHC9s7s+1AG5RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVi+I/EaeHm0wSWzTrf3i2xZWx5QKsxc8HIAU8UAbVFc5F4zsjqer21zFJFFpjxp5qK0pnLg8KigsSCCMDJ4qSXxtoUUEErXNw32gSeXFHZTvKdhAcGMIXBXPIIGKPMdnexv0Vk/8JRo/wBnlnF6rRQwxTu6oxASTOxhgc5welZVj4+sLn7W9xbXcMUNy9vEEs7iWWbZ95vLWLIUccjIGRnB4o23EdXRWJc+MNEtY7d2u3lS4hWeNre3kmXy2+6zFFIQHsWxntVXSfHekanosuoytNaLb27XU8csEgMcQLDdyoz909KdmB0tFYVx4v0uLUHsopmeeGeOCbdDKERn24XeEK7sOpAz37c06x8YaHqM7xWt42UR5C8tvJGhVDhiHZQrY74JxS6XA26K5W78fad9kLaSj3Nz5kCeTdRS2mBK+1HJePO3ryAc4p8Xja2tpZ4NciW1nikSNRZs92sjOpIC7UDE4B420AdPRWTD4n0mfVH09LlhcIWUl4JFjLKMsokKhGYDkqCSMHI4NQL4z0N7eaZbmbZEQMGzmDS5OAY12ZkBPQoGFAG7RWJN4v0WCxtbtriZ47oM0YitJpHwpw5ZFUsgUkAlgME4ODUs/ibSbfUIbOS4cyzBSrR28jxru+7ukVSqZ7biM0Aa1FYP/CT7/Fx0GDT7nf8AZZZxczqYonZGQFFyMsP3gywGPTJzhdJ1vUb7XLrT73TbeAWsatJNb3hmUMeicxrzjmhahsbtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRWLqfiNNM8TaTpEluzjUVlPnhsCLZtxkY5yWA7daOtg8zaormbDxzYXNreXFzDPAtvevaRrFE9w8+0A71SNS2CDnocCpp/HPh62EZkvnKyQifdHayuEjJI3uVU7FyDktgDvigDoKKy5vEmlwLMXuWPk3ItXCxOx80qGCgAc8MORxzWNpvxD0y60mO/1CK4so5dzKotp5CkYOPMkxGPLXg/Mfl4PPBo3A62isDWPGekaMbiOaSaWeCPcyw20rrnbkIXVSoYjopOeRxzTtP8YaTfaUt8ZZIBmFZEkhkVo3l27FIKg8lhzjHNC12A3aK58eNNIluhFBOWRZpYJJHglRQ0YcuFYptcjY2cHj8gZLXxloV7aXFzBdyCG3iEztLbSx5Q9GUMoLg9Btzk8daANyiuVuPHNtLJbQ6JCLqea6Nq6Xpks/JYRGX5g8ZYfKB/D3FTWPjSylkW21BGgvWuGt1htle5V2XGSrKn3RuGSQMd6AOkorGtvFmi3b3CxXhUW6NIzywyRo6KcM6MygSKDwShIGR6ioj410MWX2lp7oLv2eUbCfzicZ/1WzfjHOduPegDeorGuPFmjWstvHJdO/2iNJVeG3klRUc4V3ZVKxqSDgsQDg+hqUeI9MOsHS1llN0Dt4t5PL3Yzs83bs3Y/h3ZoA1KK5tfFN3Dfz2d9o0iTraPdwQ20wnkdVYLtcAAIxLLgAsDzzxV3SNZub2/urDULJLS6tlR2ENx5yFWzj5tqkHjpj8TQBr0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFc1L4zih1HXrR7N92kRK6kP/x8kqDtXjg5ZR3+8KVxnS0Vztt420qTTtOubwzW731tFcFFgklWEOBjfIqlU5OMsRmrEPi7RbjVDp8V1IZw7xZNtKIy6AlkEhXYWABOM5wKb03EbVFczrHjvSdL0JdSgMt551qt3bxRQyZljYqA3CkqPmHUZ56Vbs/FenXN3BZStJFdy/LtNvN5W/buKCVkClgAfl4bg8cUAbdFcpffETRbVoBb/arozXCQqY7Obays23zEbZiRR6rkHjnkVpP4s0SOyju3vdsEkMs6uYn5jj++cYyMfn6UdLh1sbNFc7/wm+joJZJppIoESJgXtp1kYyM6r+7MYPJQ4xnPXgYJsN4u0ZdOjvfPnaOWQxLGtnM0u4feBiCbxjvleO9AG1RXJv43N1dyLodtaXdrHZRXv2i4vGt96SFwAqmMk/6s9cdRVy08baNcwF3lmiZLZbmZWt5CIlYZALBduTngZyewoA6Cisb/AIS3Rzpv27z5vL87yPK+yTef5mM7PJ2+ZnHzY29OenNJ/wAJfohntoRduWugChFvIVXJwA7bcRknjDkHPFAG1RWVD4m0q41WTT4p5DOhcFmt5FiYp99VlK7GYdwGJGD6GorbxPaanbTtokc17PEoZYpInt/MBPDK0igMnfcuRjpmgDaork5fHMdrpskl5b29vdpemyKvd4t94j8zd5xXhdg67c54xXQ6VfHUtLgvDGsZmXdtSVZV+odeGB6g+nYdKALdFFFABRRRQAUUUUAFFFFABRRRQBBZ2Vrp1nHa2FvHb28Q2pFEoVVHsBU9FFABRRRQAUUUUAFFNUkyMPTFOoAKKKD0NABRTUOY1J64FOoAKjuIvPtpYs7fMQrnHTIqSmuSGTHdufyNJq6sGxxdj8PDZSWJ/tIOLP7OVXyccxqAx6/xbV+mO9QXPw7vb2a8ku9aSR7ixubMyGFyxEu35mzIVyNo+6FzXe0VV3e4LQ5fUvCM13qNxfW98kU7PbSRB4Syq0JbqAwyDu9qr23gq8gka4/tjZdNHeKJoYNpR52Vgygsfule+c12FNUku/sePypBscVa+AbqCa5uX1OH7TI8EsZWGQoskRYgkPIxIO7kAj2qe/8AB2paldSXV1q0BuJI4RlbQhVeKbzUwN/3exBOT612FFAHK2XhC6i1gale6hFLMb57t1jgKL80Ai2jLHGNue/p71Wi8AtHpN7Z/wBogm6017Hf5P3dzO27G7n7/T2612TcKfpQpygz6U7ju/6+84TUtF1t/ET2enWko025ure6uLqVYtgaNUB2nzd/IRRgx9e+Oa3tC8I6doliqJa2j3gD7rxbZVkbcSevXv61vUUulhbHKJ4QurXS9IgsNRiS50+xaweWW3LrLGwXcQoYYOUUjk/jU1j4Xu9IuR/ZGoxxW7xxJOs1vvdvLG35W3ADI65B9q6NiQ6Y7nn8qdTvcDidL+Hv9lpcJHdW7j7NJbW5eBnKq7AneGcg8KBhQoOPpU8fgy7TRprNr+3kMk6yrG8MjRRgDGFzJvB75D119FIDk18I38FtYNa6sv2y2hnt3lmhMivFKVYqBu3DaUXaSx465qG6+H8U72MSTwi0tYYYjuhJlYRkEfMGA5x3U47YrsFJLPnsePyFOpgAGAAOgoopHOI2I9KQC0Ui/dH0paACiimsSHQepP8AKgB1FFFABRRRQAUUUUAFFFFABRTYyTGCadQAUUUUAFFNkJCEj1H86dQAVneINLOueHNQ0sS+Sby3eDzCu7ZuUjOMjPWtGigadndHIxeB5IdWN9FqZRhJK0W2LmNXQgAHPZmZs++KpwfD27F1LPc6rG7yyWbsVhc7jBP5uTukbluRxgDriu6ppJ81R2wf6U07NPsLpY5efwhcjVJdRstQijuGvnul82AuoDQrEVIDDJ+XOc/hVa08DXllYyR22seXO1nFbeasJH3JWc5AbOGDFSAQcdDXZ0Uulh3/AK/E4vTvA15pe64tdSgF2L03cZaB2jXdEI2UhpCxGBkfNxUkng7UjqR1BdWga7FzHdK0lodu9YmjYEBx8pDcdCCOprsKKdxHI2HgiW0DGXUVld4LyJiIdoJuJvNzjd26Y70ReB2jsJrb7eD5ktnJu8rp5BTjr/Fs/DPeusQks+ezcfkKdQnbb+tbhuefN4f1u71t9OS2lttHiurm5S4uFi+Yyh8hSsrMw3SEjcicdTxzuJ4K0+DwjPo9lBaW1xPYm0ku4rZVZspt3HHJ9cZrpaKS0Vh3d7nM6r4UnvriVra+jgiu7OOzvFeEuzIjMQUO4bT87DkEcj0pT4WulW/sotQjTS78yGaLyMy/Ou0gPuxjv93PvXRyEiNiOuKdQJaHF2XgKSz0y8g+02jz3CwxhzbyMuyMkgMGkLZyx5Vlx2xUkvgy8k0WCzOowSvFI77poZGCbugQiQOoHuxz3rsKKHqBiXfh+S70Cw06S9Z3tJ7eZp5F3NJ5Uivzz1O3Gfeorzw/eX+twXdxd2vk28okiZbXFwo/ueZu+6e4xXQU1ifMUeuad9bh0sOooopAFFFFABRTVJLv7Hj8qdQAUUUUAFFFFABRRRQAUUUUAFFNQk7s9mp1ABRRRQAUU1ifMUeuadQAVi+IvDy+IPsKyTeWltLI7LszvDQyRY68f6zOfatqigDjYPA97bWlwsOs4uLlIRNJ5JAkZS7OSFYHDFzwCCPWn6F4Il0i6gmkv0l8pbobViYf691bqzE8be5Oc11znCMR6ULyo+lD1A4cfD+7h0yOxttWhWJrG1tLhntizP5HRl+cbc5PBzVq48GXj2xgt9UVY3uZ55InjcI/mMCPuOrZXsc45PFdfRQ9dwOR0nwfqGh29pFp2rQgpYwWVw8lruLrFkKyfN8pwxzndVGX4fX/APZdzZW+r26LdWL2MrtaFjsLOykfPww3kHsfau8puT5pHbaKd3e472Obl8INI12ftoH2jVIdQ/1X3fLSNdnXv5ec+/Sq0ngkLpcEEty86W9nd27JEgV5fO5+UlsAjGOePpXX0Uulv62t+Qloee2fhjWfEk0s/ii3W1jX7IiwzwxEyrDIztlElkXDZA+96/KB16i58NWjNpw06K3sIrK7+0mOCAKrnYy4wMY+919q2qbISE49R/OncDmF8Hym8CTXyNp0d1PdwwrCRIskobcC+7BUGRyOAenPFQ3Pg2/vdDg0y71SB4bIxm0C2zJjZwN5D5JwcfKVrr6KQ763ONm8DTHSLOztru1jaAys7mCT78jbiyESBh9CzA8E5Iqxd+Ebu41S1uk1NV8hYlaXymE77OuWVwpz/tKcZOK6qincRmTaQZvFNnrHnYFtaTW3lbfveY8bbs54x5fTHf2p2jaV/ZUFwHlE0txcPPJJtxkseB1PQAD8KvxklTn+8f506l/X6gFFFFABRTWJDJju3P5GnUAFFFFABRRTYiTEhPJKjNADqKKKACiiigAooooAKKKKACimoSS2ezU6gAooooAK53xJ4Xk128iuoL37JNBayxQt5W/ZIzxuj9R90xDjvmuipqkl39jx+VA72OQPga4gsZbXT9TEUMlz5xieNtrL5SxhTtdW42ZyCPpUMHw8kh0C/wBNbU1Y3elf2cJPJPycyHfgtz/rOme3Wu3op3YJ2/r5nJT+DruTU5JItRiSzkv475ojbkvvVFXG7djB2g9Ko6l8Pby+8Px6QusqtuLV7dleJ8AsT+8UK684OMNkcdK7uil0sJabHMyeGNQD38VtqcMVrqJD3Km23Pv8tYztbdgKQo4IJ681nr4Fv1h8garbiGSS1lnH2U7maApjad/AIQdjXaZPmgdtpp1O7vcOljkj4IY2Nvb/AG8fubu9ud3ldftBlOOv8Pm9e+O2aj1DwjNDp7S28kt1PDYW9vDFDGgZpIX3q3zuq4yBkEjjPNdjRSHfX+u9zg9L8J3+tXh1PxZbQox1D7V9inhjfcotxCAwV3UHOWHzNxjoTgdI3h63XV9OurNYrWCyiljFvFEFU78dMYAxj071sU0k+Yo7EGgRyCeBJJLJLK+1FZLW1sZbGzEUG10RyvLksdxARRwAOvHNP1XwlqWtRW0mo6navdWrkxbLZ0jClcHIWQNnv97HtXXUUDucddeBpnWxjsr6G1S1t44FkSBllTackqyuB34DBgPxNXP+EWuv+Eo/tVb+OKPzN5WKJld/lxtY79jD325966WincRyr+GNWe+mv01SzgvzbvDHcQWO0uW24eUb/nKheOmMmtDw1o13otrJDe3FrcM53NNFC6PI3dnLO2T+WK2GJDJju3P5GnUgCiiigAoopshIjJFADqKKKACiiigAooooAKKKKACiig9DQAUUiHMak9cCloAKKKbGSY1J64oAdRRRQAVyl54JN3rk2oG+2LNdCeSLys7kEaAJnP8AfjR8+2O+a6mMkpz6n+dOoGcLd/D69udLsdPGsr9ntLSCAB4X+Vo8ZdQsgHzY5DBq04fCDRtaF70N9n1Ka+bEWNwkR12deMb859uldPTUJIbP940PW9+ov6/Q4ZPh7eNp8Nnc6vC0dtp4sIClqVIQMjBm+c5OExxgVcuPBl5deJrfU7jVVkjt7kzIjRvuClGTy/v7cAMcHbmuvooeu4HIJ4P1NdJsNMOrQG101ofsq/ZDkrGRjed/J2jGRtHfFVJPh9eTWLWUmrQ/Z0s7q1gC2pDKJscsd/OMdgM13CElnz2bj8hTqd2O5zN74Qa81k3wvQgJszs8rP8AqHduuf4t+PbHes/U9D1PRnW+0SCfULw3k8wWKOIqqSAZDCSaP0GCD+FdtTVJMjj0xSEch4e8CQWq29zr9vZ31yunW9qY5YFkETxmRmKsfUydgPu1fvfCguzqxF0I/t7QvHiP/UtFgr35GVHHFdFRTb1A5X/hE73zf7Q/tGD+1vtou/M+zHyc+T5O3ZuzjZ33Zz7cVXu/Ast/rUeo3l9DNI4i+07oXG4o2RtAcAf8CDdK7AE+aw7bR/WnUutwOXtvCd1B4ifURfxRxs0rGOGFlMm8EAOC5Q4znIUEkDJ65bpHhXUdIS6aDU4EklRVjSO3bylIOSxRnPXphSo9BXVU3J83HbbQBysXg2eFFniubOK9jvBdwrHaFbaNvLMZAj3Z5ViSd33jmtzRNL/sfS1tTL5z73ld8YBZ2LHA5wMk4FaFFABRTST5qjttP9KdQAUUU1iQ6D1J/lQA6iiigAoprkhkx3bn8jTqACiiigAooooAKKKKACiimkyZ4Vcf73/1qAEX/WP+FPqJTJ5j/Kvb+L/61OzJ/dX/AL6/+tQA+g9DTMyf3V/76/8ArUEyYPyr/wB9f/WoAWP/AFSf7op1RxmTy1wq9B/F/wDWpcyf3V/76/8ArUAPpj/fj/3v6GjMn91f++v/AK1Ncybk+Vfvf3vY+1AEtFMzJ/dX/vr/AOtRmT+6v/fX/wBagB9MX/WP9R/KjMn91f8Avr/61NUyb3+Veo/i9vpQBLRTMyf3V/76/wDrUZk/ur/31/8AWoAc33G+lCfcX6UxjJtPyr0/vf8A1qFMmwfKvT+9/wDWoAkopmZP7q/99f8A1qRpGRSziNVHUl8AfpQAr/fj+v8AQ0+oS7MY2UIQTkENkHj6U/Mn91f++v8A61AD6KZmT+6v/fX/ANajMn91f++v/rUACffk/wB7+gp9Ury+GnWs9zOmUQjIU8knAAHHqRUNvrltPYC7dkgj3FCJXwQ3pVKLaukZSrU4y5JOztf5GnTZP9W30NNV2dAyBGVhkEP1/ShzJ5bZVeh/i/8ArVJqPX7o+lLTFMm0fKvT+9/9auI8VXGuXeuRWenwyIkf3dmTuPB3Zx07fhWlOnzytexyYvFLC0+flb1tZHdUxv8AWJ9T/KmQ+eIIxIqlwo3fP3x9KVjJ5ifKvU/xe30rM6lqiWimZk/ur/31/wDWozJ/dX/vr/61Ax9FNBkzyq4/3v8A61OoAKKKKACiimZk/ur/AN9f/WoAIv8AVj8f50+oozJ5Ywq9/wCL/wCtTsyf3V/76/8ArUAPopmZP7q/99f/AFqMyf3V/wC+v/rUAEv+rP1H86fXHaVZ65F4ou5b3f8AZSW+8xwQT8uOOa1tJ8Qtql/LbLaeVsUsGMmeAQMEY4PPTnvXTUw7jfld0km/mcVHGRmlzpxbbST62NuimZk/ur/31/8AWozJ/dX/AL6/+tXMdo+mH/XL/un+lJJKYo2eTy1RRksX4A/Ksb/hJ7J9Uitoj5u8hPMQ5QMxGBnr6du9XGnOfwq5lUrU6dud2ubtFMzJ/dX/AL6/+tRmT+6v/fX/ANaoNR9FMzJ/dX/vr/61GZP7q/8AfX/1qABPvSf739BT6iQybnwq/e/vew9qdmT+6v8A31/9agB9FMzJ/dX/AL6/+tRmT+6v/fX/ANagAl/1TfSn1FIZPKbKr0/vf/Wp2ZP7q/8AfX/1qAH0UzMn91f++v8A61GZP7q/99f/AFqAH0xv9Yn40Zk/ur/31/8AWprGTzE+Ve/8X/1qAJaKZmT+6v8A31/9ajMn91f++v8A61AD6KZmT+6v/fX/ANajMn91f++v/rUACfff6j+VPqJTJvf5V6/3vb6U7Mn91f8Avr/61AD6KZmT+6v/AH1/9ajMn91f++v/AK1AD6KapfPzKoHsc/0p1ABRRRQAUUHOOOT7mmZk/ur/AN9f/WoAI/4/96n1Ehk+bCr97+9/9anZk/ur/wB9f/WoAfRWbq1ld30CJbukZVskFyA34gVat0uIbSONyssiIAXLH5jjr0q3Fcqd9QJW/wBYn40+sbS59VluX/tCIBRnbkbcH0HqPz+tSalrTaddRwtbeZuXcSHxxnHHHJ46cdqv2MufkWrFc1aKZmT+6v8A31/9amySmKNpJAiogLMxfgAd+lYjHv8A6tvoaVfuj6VRs9Ug1O3kezdJFXhuSCPwIq2pk2j5V6f3v/rVUouLtJWYElFMzJ/dX/vr/wCtRmT+6v8A31/9apAfTP8Alsf90UZk/ur/AN9f/WpuZPOPyrnaP4v/AK1AEtFMzJ/dX/vr/wCtRmT+6v8A31/9agB9Ml+5+I/nRmT+6v8A31/9amyGTZyq9R/F7/SgCWimZk/ur/31/wDWozJ/dX/vr/61AD6KZmT+6v8A31/9ajMn91f++v8A61ABH90/7x/nT6ijMm04VfvH+L3+lOzJ/dX/AL6/+tQA+imZk/ur/wB9f/WozJ/dX/vr/wCtQAP96P8A3v6Gn1E5k3J8q/e/vex9qdmT+6v/AH1/9agB9FMzJ/dX/vr/AOtRmT+6v/fX/wBagB9Mh/1Kf7o/lRmT+6v/AH1/9amxGTyUwq42j+L/AOtQBLRSKW/iAH0OaWgAooooAKKKKACioYbgSzTRHho2x+FTUAMj6v8A71PpkfV/96n0AFFFFABTE++/1H8qfTE++/1H8qAH0UUUAFFFFADD/rh/un+lPph/1w/3T/Sn0AFFFFABTG/1qfQ0+mN/rU+hoAfRRRQAUUUUAMf70f8Avf0NPpj/AHo/97+hp9ABRRRQAUyX/Vmn0yX/AFZoAfRRRQAUUUUAFFFFABRRRQAUh+6fpS0h+6fpQAkf+rX6CnU2P/Vr9BTqACmRf6lfpT6ZF/qV+lAD6KKKAGRf6v8AE/zp9Mi/1f4n+dPoAKZH0b/eNPpkfRv940APooooAYn3pP8Ae/oKfTE+9J/vf0FPoAKYv+sf8P5U+mL/AKx/w/lQA+iiigBg/wBc3+6P5mn0wf65v90fzNPoAKZ/y2/4DT6Z/wAtv+A0APooooAYf9cv+6f6U+mH/XL/ALp/pT6ACmN/rE+p/lT6Y3+sT6n+VAD6KKKAGP8AeT/e/oafUcjgSxKepJI/Af8A16koAKKKKACiiigAooooAKKKKAGL/rH/AAp9MX/WP+FPoAKD0NFB6GgBsf8Aqk/3RTqbH/qk/wB0U6gApj/fj/3v6Gn0x/vx/wC9/Q0APooooAKYv+sf6j+VPpi/6x/qP5UAPooooARvuN9KE+4v0ob7jfShPuL9KAFqjq+mjVbE2/mmI7gwbbkZHqO4q9VcahaG8NoJ088f8s881Ubp3RnVUJR5J7PQqRJBoGkQpPMWjhJy5HUnJ4H1OAKz7OXULzWft0FznTcnOWwoUD7u09Dnvj8a2721hvYhBcpvjY8jOO1U72wsrXw/PbbjbW+3JZckg59+TzirjJdd2clajNW5dIRV1rZ3XR+QzWNeTTIoHiiFyJi2GEmFGMd8Hnnp7GobnWr5NUtYrey3QTKjHcp3Hd15HAx360zRoY4/Dtx/Zkgu5d7MPMj2gSbRgbT04x371Z0i51JdOuJdWR2aPLICgDsAMkYHH0q7RittjFVKtRq8mlJJ6JNK2+vmaLRRzrNFMiujHDKwyDwKqXuhWd5aR2+1oEiJKeTgYz16giodB1n+1/tJMHlGNl5DblOR64HPHI9xWvWT5oOx2x9jiafMldMjtreO1to4IQRHGoVQTngU6T/Vt9DTqbJ/q2+hqDdJJWQq/dH0paw7jRrufX4b5LoLCpU4ydygdVA6YP8A7Ma3KppK1mZ05zk5KUbWf3+YUxv9Yn1P8qfTG/1ifU/yqTUfRRRQAUUUUAFFFFABRRRQAyL/AFY/H+dPpkX+rH4/zp9ABRRRQAyX/Vn6j+dKsaIzMqKpbqQOtJL/AKs/Ufzp9ABRTJjIIJDCAZAp2BuhOOKytAl1aRZ/7XUgAjyyyhTnnI47dMfjWiheLlfYylUUZxhZ6/d8zSu7WO9tJLecExyDBwcGs+w8P2GnTo8cfmzct50oBbPA7AVrUw/65f8AdP8ASkqk4x5U9AlRpympyV2h9ZkevWsmsnTlWTzNxUOQNpYDJHr2NadcMPtFj49kvLwLFa+Y+ZWU5KlTgZ6EZxxW+HpRqc1+i09TmxledFw5dnJJ+h02vadcanZJFazLGyvuKsSA49CR+dcxF4l1CYR6ZpoZ5oARJKmJHbBx90jgfn26V1N/rdrY2MV1806THEfl4+bv3+lV9F0rT45P7UsvN/0hSVDkYQE5IHGeo7k1tSmoUn7WN109TmxFN1a69hOzfxa9Olv6/M0bJpmtla6VUnIUyKvQNtGQPbNWKYn3pP8Ae/oKfXA9WeslZWCiiikMZL/qm+lPpkv+qb6U+gAooooAKY3+sT8afTG/1ifjQA+iiigAooooAYn33+o/lT6Yn33+o/lT6ACiiigAooooAKKKKACiiigBkf8AH/vU+mR/x/71PoAKKKKAGN/rE/GnMisQWUEr0JHSmt/rE/Gn0AFMmhS4t5IZRujkUow9QRg0+o5zKLaQ24DShDsDdC2OM/jTV76AU9O0e20i2mS1MjeZyzSNknjinanZzX2niK3kEbbgSCSAw9CR+f4VFpUl+9rN/aIOR9wsoDHjngVbubyGytlluGKrkKMDJJraTqKre9394ugWFvJa2MUM0nmOg5b8en4dPwqpPqq3ENxFpbeZdRjIBXqM4JHrj/Cm6Rri6tJIqQlAoyDuz36H0PtUOk6A2napNdGRWDqVGCcnJzznp0rTkUZSdX4lrYPQrx+I5bSFY7yMTXG8gjcEIUY6gDrknjjpW/G+9g4BG5AcHqKqRaNaxag92N7OzFgrEFVJ6kcZ9fzq5/y2P+6KzrSpytyIFcfRRRWAwpkv3PxH86fTJfufiP50APooooAKKKKAGR/dP+8f50+mR/dP+8f50+gAooooAY/3o/8Ae/oafTH+9H/vf0NPoAKKKKACmQ/6lP8AdH8qfTIf9Sn+6P5UAPqK4u7e0VWup4oQxwpkcLk+nNS1zPiq7tILmCKS2826nieNJpY2eKFDjcxAB56YHU+wpDOha6t0mSFp41lkGUQuNzD2HehbmB7h7dJ42mQZaMOCyj1I6iuImtBDI1pAss1xJJaGynMRyUUruOccYAbI4qxp0L/21ZwiF1voNRupbqQxkZibzCp3dCCGTAz/ACqhdDtKKQgkcEj3FN2N/wA9G/If4UgMc3P2XW5GJ+Rmw1bYIYAg5B6EVzGoqf7Qm+dvve3+FaejzmWEwtK26Pp05X/P9KANGPq/+9T6iRDl/wB433vQf4U7Y3/PRvyH+FAD6KZsb/no35D/AAo2N/z0b8h/hQA+mJ99/qP5UbG/56N+Q/wpqod7/vG6+g9PpQBLRTNjf89G/If4UbG/56N+Q/woAfRTNjf89G/If4UbG/56N+Q/woAD/rh/un+lPqIofOH7xvunsPb2p2xv+ejfkP8ACgB9FM2N/wA9G/If4UbG/wCejfkP8KAH0xv9an0NGxv+ejfkP8KayHzE/eN0PYf4UAS0UzY3/PRvyH+FGxv+ejfkP8KAH0UzY3/PRvyH+FGxv+ejfkP8KAB/vR/739DT6idDuT9433vQeh9qdsb/AJ6N+Q/woAfRTNjf89G/If4UbG/56N+Q/wAKAH0yX/VmjY3/AD0b8h/hTZEPln94x/Af4UAS0UzY3/PRvyH+FGxv+ejfkP8ACgB9FM2N/wA9G/If4UbG/wCejfkP8KAH0Uigjqxb61TvNY0/T7hIby5SKRxkKQeBnGTjoPrQBdoqmurWLagbFblDc/3P6Z6Z9qLPVbG/mkhs7lJZIvvAZ9cZHqM9xQBcpD90/SlpD90/SgBI/wDVr9BTqbH/AKtfoKdQAUyL/Ur9KfTIv9Sv0oAfRRRQAyL/AFf4n+dPpkX+r/E/zp9ABTI+jf7xp9Mj6N/vGgB9FFFADE+9J/vf0FPpifek/wB7+gp9ABTF/wBY/wCH8qfTF/1j/h/KgB9FFFADB/rm/wB0fzNPpg/1zf7o/mafQAUz/lt/wGn0z/lt/wABoAfRRRQAw/65f90/0p9MP+uX/dP9KfQAUxv9Yn1P8qfTG/1ifU/yoAfRRTZJBFEzt0UZoAzzL5mvKoIIRCOK0qwNMcyarvbq2TzW/QAUUUUAFFFFABRVE61pwju3+1xstmdtwVO7yz6HHfnpTDr2nCy+1tM6Rb/LG+F1Yt6BSMn8BQBo0UyCeO5gSaBxJG4yrL0Ip9ADF/1j/hT6Yv8ArH/Cn0AFB6Gig9DQA2P/AFSf7op1Nj/1Sf7op1ABTH+/H/vf0NPpj/fj/wB7+hoAfRRRQAUxf9Y/1H8qfTF/1j/UfyoAfRRRQAjfcb6Vn6vYTalpYgt5RG2QxyThh6HH5/hWg33G+lCfcX6U02ndEVIRqQcJbM4t/E8ujRQabCBNJEzo8soJBIJ+VQDnA6AnsOlbg0aJrg6rArfa2QyJEz5jEhXr6/ripdR8PWGpTCaWMxzfxSRYDOPQ8c9B71pRosUaxoMKoCqPQCtpVI2Tjv1POo4WqpNVneKty+VjI0OTVXD/ANrBuHHll1VW6HI44x0x+NaU4tboPZztG5dfmiLc49cdfxrK0nU9RvdReK+tPJjTJB2kbT/dyfvfUenvVJfDl8PGZ1Mzj7NvL7d3tjGKHFOTu7DjVkqMFTi5puzvvbq2dDZ2Nvp8Hk2kflpncRkkk+pJ5NWKxtX8Qx6fHC9sqXSyMyl1k+VSMcZGeeensa1oZPOgjk2lN6htrdRkdDWcoytzPqdlOpScnSp/ZEiVVaQKoUbuw9hUlZ2n6zZ6heTw2zlnX5hlcBgMDI/T860alpp2ZpCcJxvB3QU2T/Vt9DTqbJ/q2+hpFir90fSlpF+6PpS0AFMb/WJ9T/Kn0xv9Yn1P8qAH0UUUAFFFFABRRRQAUUUUAMi/1Y/H+dPpkX+rH4/zp9ABRRRQAyX/AFZ+o/nT6ZL/AKs/Ufzp9ABRRRQAUw/65f8AdP8ASn0w/wCuX/dP9KAH1U1LTYdVtRBcF1AYOrIcFT685HQkcjvRqWoR6ZZNcyqzAEKFXqSelY+leIb3VNWCLZ7LMlgWKnK4HXd0PPGPet6dKo17SOyOStXoqSoz1cuhrw6VZxadHYtCs0CfwygNk5ySffJJrItPEEsGoSQanbx2dqmRGdjDbg8D349AMVNrNy+oD7FpF6Fuo3zJGkhRiB2Dex9D2qebRBqOm2sWpzSG4hXmWIjOT16gjsO3ato8qjet1+9efzOefPKVsOrcvpZ+XyNBcTRSeU/D/ddTnqowRXB302reFb4JFOZBInmMEAZWwTy24cZ9ufeuj8O6BLo1xNuuA8e0Rqq5+bGMMff8+pramtLe5ZGuII5WjOULoDtPqM9KdOrChNx+KLFVoVcXSUn7k15koOQKKKK4T1Bkv+qb6U+mS/6pvpT6ACiiigApjf6xPxp9Mb/WJ+NAD6KKKACiiigBifff6j+VPpifff6j+VPoAKKKKACiiigAooooAKKKKAGR/wAf+9T6ZH/H/vU+gAooooAY3+sT8afTG/1ifjT6ACiimCaMzGISKZAMlNwyB9KAFf8A1bfQ1FPaQ3lsIrlN6cHGSMH2I5FSv/q2+hrLmfVRq8KwD/RPlzwMEfxZPXPXGPatKcW3o7WAdpOhx6VK7RylwV2qNuMDOefU+/FVvE2pPbWxtkUgyJuMm7HAPIHrnGPxq1q2uQaWNrKXlIBC9gCepPalXbrui/vFMPmdCOcEHII9RxXRFz51Wqq6F5Ix7i4u9GsbeO3ukcSMz5jw4A4GBn+HqT7mulhYvtdsZaNScdKy38PRf2U9vu8ybJZJDlcEgDt24HHNTaNbXdrE0d6+48bAW3bR6ZorSpzhdPVP7wRp0UUVxjCmS/c/Efzp9Ml+5+I/nQA+iiigAooooAZH90/7x/nT6ZH90/7x/nT6ACiiigBj/ej/AN7+hp9Mf70f+9/Q0+gAooooAKZD/qU/3R/Kn0yH/Up/uj+VAD6KKKACiiigAooooA5rUf8AkIzf71RW07W1wkq/wnkeoqXUf+QjN/vVVoA6qB1kQuhyrHIqWsPRLsrI1u5+VjlfrW5QAUUUUAFMT77/AFH8qfTE++/1H8qAH0UUUAFFFFADD/rh/un+lPph/wBcP90/0p9ABRRRQAUxv9an0NPpjf61PoaAH0UUUAFFFFADH+9H/vf0NPpj/ej/AN7+hp9ABRRRQAUyX/Vmn0yX/VmgB9FFFABRRRQAVzOvNPPqjWKabci1mRftV5BCGaUAnEYOeO+SemeOuR01FAHHjTLx7+K0S1ljWPUGu/tRA2+WUIAB9eQMe1TeH7G8W+0zz7SS2Gm2D2srOABK5ZMbcdR8hOfcV1VFC0/r5AIyhuufwJFNMY2nlv8Avo0+kP3T9KAGJGPLXlug/iNO8tfVv++zRH/q1+gp1ADfLX1b/vs0yKMGJeW6f3jUtMi/1K/SgBfLX1b/AL7NHlr6t/32adRQBFFGCnVup/iPrT/LX1b/AL7NJF/q/wAT/On0AN8tfVv++zTI4wQ3LfeP8RqWmR9G/wB40AL5a+rf99mjy19W/wC+zTqKAIkjG5+W+9/ePoKf5a+rf99mkT70n+9/QU+gBvlr6t/32aYsY8x+W7fxGpaYv+sf8P5UAL5a+rf99mjy19W/77NOooAiEY85uW+6P4j70/y19W/77NIP9c3+6P5mn0AN8tfVv++zTPLHndW+7/eNS0z/AJbf8BoAXy19W/77NHlr6t/32adRQBEYx5y8t90/xH2p/lr6t/32aQ/65f8AdP8ASn0AN8tfVv8Avs0xox5ict1P8R9Klpjf6xPqf5UAL5a+rf8AfZrL1qRUhWFS2X5PzHgfnWtXM31x9pvHfOVB2r9KAH6Qg/tBev3T/Ea6Hy19W/77NYGkf8hBfoa6GgAAwMf1ooooAKQgMpDAEEYIPelooA5KXQAia5ALCaOznmhaOOyZYmYKFJ246cj2PoabHaX9u9veRWt9NaW90WitbiUyzqrRFSSzsSfmJOC3T8q6+igDM8PWc1hocEFyNsnzMVz93LE4/WtExgnOW/76NOooAiWNfMflu38Zp3lL6t/32f8AGhf9Y/4U+gBnlL6t/wB9n/GgxLg8t/32afQehoAijjUxry3QfxmneUvq3/fZ/wAaWP8A1Sf7op1ADPKX1b/vs/401413Jy33v7x9DUtMf78f+9/Q0AHlL6t/32f8aPKX1b/vs/40+igBnlL6t/32f8aasa735bqP4j6VLTF/1j/UfyoAPKX1b/vs/wCNHlL6t/32f8afRQBG0a7Ty3T++aFjXYOW6f3zT2+430oT7i/SgBjqkcbOxfCgk/Of8ax7LxFYXSSvKZLdYwDl3J3A9MY/lW5VG50axubV4PIWFWfzCYVCnd6+5+tXHl+0c9ZVrp0muuj69h6vFcwRzWknmK+Sjbzg8H+tZmlQapdR3cOtbxG6lVO4AjOQcY7fWtS1s4rC3gtrcERoTjJySTkk/mTUI1uzOqfYNzednbnb8u7GcZ9aa6qKIml7kqsrPa19G3+fkQ6RoEWlCY+c8zS7c5+UADOOM9eTWn5S+rf99n/Gn1j+ItVuNLt4DbBN0r7csNx9gB1NL3qkvMp+ywlG6Voor30dn4dhlvbOz/eSSCMnzGCoCM/8BGR274pl3pk3iG0sruKVrb5clHZjtOfvL7+lVPEFrq19p/2kTG1iWANPErkbTgFsgfeBHGD6e9X/AAhOH0loDuDxPypPCg9APat9Yw509TzbqpiHh5RtBq6W2u5trCFUAs5IGMlzz+tDxqI25bof4zUlNk/1bfQ1yntjVjXaOW6f3zS+Uvq3/fZ/xpy/dH0paAGeUvq3/fZ/xprRr5ict1P8R9Klpjf6xPqf5UAHlL6t/wB9n/Gjyl9W/wC+z/jT6KAGiNQerf8AfZpJkMsLosjxFhgOmNy+4yCP0p9FAHACyhGgTWt1qEMcCau5km1IGVJAM8Pkgcn1IH8qZPJYNa2yahDZw6ekN0toYYxHBJKHGx0XoGI3FcEnk4Jr0EgEcgUbRjGBx7Uf1+Fh9SrpJnOjWZu93n+Snmbuu7HOferOH/vD/vn/AOvTqKb1ZK0RFEH8sYYd/wCGn4f+8P8Avn/69JF/qx+P86fSGNw/94f98/8A16MP/eH/AHz/APXp1FAEUgfyzlh1H8PvT8P/AHh/3z/9ekl/1Z+o/nT6AG4f+8P++f8A69GH/vD/AL5/+vTqKAG4f+8P++f/AK9Yd3qOqReI4bWG1D27EDf5Z5U43NnOBjnj2961r+WaCwmktY/NmVconqapaJeXt7B5moQ+U4LBcoU3DjnB5Hp+Fb01aLm0mtjlrS5pqkm099PyMC8RZvHQjmfzIyyowZcjO0fJj+6ev4mrlmLiHxa1vFfxLAu4C3QkLtxwoToCODxzwfeqWs6Ze2HiweIGl3WysgChzuxjGzHoTk/jWhpMmi3+ri8hd0vWLN5DtwGxgkccnGeM+vFehNr2SktVy29GePTT9u4y92XPfV2uvLv6Gjb6Bb22qPfxs3mMWYKfuqW6kd+cnqe9aWH/ALw/75/+vTqjnuILWPfczRwpnG6Rgoz9TXlylKb11PejCFJPlVkIgfc/zD73932FPw/94f8AfP8A9ekT70n+9/QU+oNBuH/vD/vn/wCvRh/7w/75/wDr06igCKUP5TZYdP7tPw/94f8AfP8A9ekl/wBU30p9ADcP/eH/AHz/APXow/8AeH/fP/16dRQA3D/3h/3z/wDXpjB/MT5h3/hqWmN/rE/GgBcP/eH/AHz/APXow/8AeH/fP/16dRQA3D/3h/3z/wDXow/94f8AfP8A9enUUARKH3v8w6/3fan4f+8P++f/AK9In33+o/lT6AG4f+8P++f/AK9GH/vD/vn/AOvTqKAEAYH5mB/CobxJ5LORLWcW8pHyyFN+38KnopPVAcPbwapquh6PDHfNK371p2kvpIJJcNgHMZDH8OOlRXOoyXFnLdQ3N3amy06Ce0i+1OdzMzgl+f3udqj5s+veuwuNG0y7tUtrvTrSeCM7kilgVlU+oBGBUk2m2NxNBLcWVvLJbf6h3iVmi/3SRx0HSn1AnUsYwSMMQCQe1J+89F/On0UARJ5nzYC/e9ad+89F/OiP+P8A3qfQAz956L+dH7z0X86fRQBE3meYn3e/es7U9Yl0+6ihFuJN4znJ+bnGB6n/ABFabf6xPxp9XCUYu8lcCtdpdSWcqW7LHKy4Vs9KxbDQ721d7ySYPcrvaNHYt8xUjlu45rQ1fVn014VSHzPM7k4/Ae9O1bULS1sdl8zItyhTA64I56/Wuin7WMVGK0kLQh0e4vrmzle7dJBnCtlc9Ofu8Vcur1bG1Es+NpIUAZJJrA1CxurLR1fSJpZfPYM7oCPlxx0571t29r9t0a3j1RN8mxS4JwQ31HSnVhC/tL6N7IENFva6p5N6YUkOPlYkjoehHfB9avfvB0CUQwx28KxQoERRgAU+uaUruy26DGfvPRfzpv7zzjwudo71LTP+Wx/3RUAH7z0X86P3nov50+igBn7z0X86bJ5mznb1Hf3qWmS/c/EfzoAP3nov50fvPRfzp9FADP3nov50fvPRfzp9FAEUfmbTgL949/enfvPRfzoj+6f94/zp9ADP3nov50fvPRfzp9FAET+ZuT7v3vX2NO/eei/nQ/3o/wDe/oafQAz956L+dH7z0X86fRQAz956L+dNi8zyUxtxtHepaZD/AKlP90fyoAcu7+LH4UtFFABRRRQAUUhBI+U4P0pNr/3x/wB80Ac5qP8AyEZv96qtWNRDf2hN8w+96VWw394flQAsbFHLKcENkGumsboXdsGyN44cDsa5ZQ3zc9/SrVldyWc24HKtwy460AdRRUcbGWNXSQFWGR8tO2v/AHx/3zQA6mJ99/qP5Uu1/wC+P++aYofe/wAw6/3fagCWim7X/vj/AL5o2v8A3x/3zQA6im7X/vj/AL5o2v8A3x/3zQAh/wBcP90/0p9REP5w+YfdP8P0rBjubk+K2iN2xj3EY52nj7uPX39q0hTc7+RpTpud7dFc6Oim7X/vj/vmsq61aa21eKzEYYOVGccnPcD0HelGDm7IUISm7RNemN/rU+hpdr/3x/3zWFqFuj+IbZ3v1jfjC4OV9ge2acIqTsOnBTdmzfopu1/74/75o2v/AHx/3zWZmOopu1/74/75o2v/AHx/3zQAj/ej/wB7+hp9ROH3J8w+9/d9jT9r/wB8f980AOorM1e6v7RYjZx+YGJ3ERlsegwPXnn2q9D5zwI0uEdlBZcfdOORVuLUVLuW4NRUu5LTJf8AVml2v/fH/fNMkD+WcsP++agglopu1/74/wC+aNr/AN8f980AOopu1/74/wC+aNr/AN8f980AOopFBH3jn8KWgAooooAKQ/dP0paQ/dP0oASP/Vr9BTqbH/q1+gp1ABTIv9Sv0p9Mi/1K/SgB9FFFADIv9X+J/nT6ZF/q/wAT/On0AFMj6N/vGn0yPo3+8aAH0UUUAMT70n+9/QU+oYJopZJlikR2R8MFYEqcd/SpqBtNbhTF/wBY/wCH8qfTF/1j/h/KgQ+iiigBg/1zf7o/mafXIaf4gvp/HU2nyMpt98kYXaOAoODnr2/WuvqpRcdzoxGHnh2lPqk/vCmf8tv+A0+mf8tv+A1Jzj6KKKAGH/XL/un+lPph/wBcv+6f6U+gApjf6xPqf5U+mN/rE+p/lQBBqNyLazYg4dhtXBwfrXNVd1S4M94wDZROFGeKpUAXtI/5CC/Q10Nc9pH/ACEF+hroaACiiigAooooAKKKKACiiigBi/6x/wAKfTF/1j/hT6ACg9DRQehoAbH/AKpP90U6mx/6pP8AdFOoAKY/34/97+hp9Mf78f8Avf0NAD6KKKACmL/rH+o/lT6Yv+sf6j+VAD6KKKAEb7jfShPuL9KG+430oT7i/SgBaKKKAGP9+P6/0NQDTLIX32z7Ov2j+/z19cdM+/WlnuoUuUgEsf2ggssJcBmGD2644qhod7qd3JONStjEq42kxlOe456/WrSlZtHPOpTc4wkrv0vZr8jYrlvFujX+p3Vu9jnaEKNgjue+e30qxrWp3M15FZ6JcAzqzCVEwDkYwAW4OOcgHP5Gt6HzPIj8/Hm7Rv29M45xVx5qVpmFVU8ap0Heytqv0f5jI0PlunfAH/jorI8OaRe6U063EieS3Koh4Ld2x2+gpZ9CkuPEg1EXO1UZTtx8wwB8oPoe/wBTUx1+Ia5/Z3kvnds8zP8AFjPT096Fflajr3FJw9pGdZctnaOu9xsXinSpLowGcxt/CXXAYZxnPYe5xT9f1V9JslkSIPvbaWY4VeO5ps3hfSprkT/Zyj/xBGIDDOcY7D6YrVk/1bfQ0m6aaaLhHFShKNRpPo1/wSKynNzYwzNG0ZkQMUbqvHSp6Rfuj6UtZHZFNKzCmN/rE+p/lT6Y3+sT6n+VAx9FFFABRRRQAUUUUAFFFFADIv8AVj8f50+mRf6sfj/On0AFFFFADJf9WfqP50+mS/6s/Ufzp9AGVrGvRaRJEkkTyFwWO04wo6mr83mT2Mn2aTy5JIz5bkfdJHBp01vBcbfPhjl2Hcu9Qdp9RmpK0co8qstTFRqc0uZ6PbyMrQbPULOCUalOZSzAoGkLlfXk8/hWkf8AXL/un+lPph/1y/7p/pSnNzk5MqlTVOCgugssUc8TRzIskbDDK4yCPcVg2tv4fg8SGK0mRL2PJFshwqnHOBjrgnjPrxWnq9vdXWmvFYy+VMSMHcRkdxkdK48aFJpF4t/BdfatVVy726t5jRhgQW2/ebrj8c114aEZQknOzfT/AD8jzsbUlCpFqmmlZtv9PM6rXbu+s7JX06EyuXwxCFyo9cDk1DdaW+u6daSXha1uUUkgDOM9Rj8BTdF8RJqDJa3MbxXnzBgUwCVJz7g4HQ1Z1jWU0hIt0LStKTtAOBgdefxFSo1KclTjG0u5o5UasJVZyvBpadv1uW7O3S0t1t4s7IQqLk84CgCp6gsrhLu2W4iyEmCuu4c4Kgip65JXvrud8bcq5dgooopFDJf9U30p9Ml/1TfSn0AFFFFABTG/1ifjT6Y3+sT8aAH0UUUAFFFFADE++/1H8qfTE++/1H8qfQAUUUUAFFFFABRRRQAUUUUAMj/j/wB6n0yP+P8A3qfQAUUUUAMb/WJ+NPqjqsFxcWwjs5PLkznOcZHpntUunQz29jHHdSeZKM5Oc9+BnvV8q5Oa/wAgLNZ2r6NDrCRCZ2QxE7SPfr/IVo1n6rq0elRo0kZcvk8HGAOv86qlz869nuJloRx2liI14jhj2jPYAVgpeS3uqC5gvDDawlC4kfYAv06HPIyfWi38QSajqnkQIPIdfuOvzbcdf/rVoy6HaS2flQr5BLB9y8nOMd+3J4roUVRdqu7DfY0lZXQMjBlYZBByCKwdG1q9v9ZurW5gCRxgkEKQUIOAD9f6VsWdqtlZx28ZLBM8nuScn9TU9YKUIqSte+zAKZ/y2P8Auin0z/lsf90ViMfRRRQAUyX7n4j+dPpkv3PxH86AH0UUUAFFFFADI/un/eP86fTI/un/AHj/ADp9ABRRRQAx/vR/739DT6Y/3o/97+hp9ABRRRQAUyH/AFKf7o/lT6ZD/qU/3R/KgB9FFFABRRRQAUUUUAcOy60vinVv7RktX08upsvKUiRRj5g/Y896s1LrdtDey3lrdIJIZ1MciE/eUjBH5GvNrXRte+HmrW0egi813w1cukL2Mkm+ewbhQ8ZOMx9MrwB14GTQB6Gv8X1paRf4vrS0Aamj3eyT7O/RjlT6GtuuRBIORwa3NM1E3H7mb/WAcN/e/wDr0AWor+1mumt45laVeq/z571R0y7v59RuI7u38uIcg7SMHjAz34/lVmDSrW3vWuo1bzGJOCeBnrirSfff6j+VauUFdRV/U1coK6ir37mRY+IRea7Lp/k7dhYBs/3a2qrx2FtFdNcRwqsrdWH+eKsUqjg37isFRwb9xWCiiiszIYf9cP8AdP8ASohYWovPtQhXzv73v646Z96oyaS7+IFvfPwAAduORjAwD6f4mro1C1N4bUTL5393n8s9M+1a2a+B301NbNL3HfTUs1l3VpqEmrRTQXBW3BXK7yAB3GOhzWpXH6xql7B4ztraKRxCXjG0E4wTzx0q8PCU5NR7GmGhKcmo9nudhWHqHh8XmvQX3m7dpUlcf3a3KY3+tT6GsoVJU3eJlCpKm7xH0UUVBmFFFFADH+9H/vf0NPpj/ej/AN7+hp9ABRRRQAUyX/Vmn0yX/VmgB9FFFABRRRQAUUUUAFFFFABSH7p+lLSH7p+lACR/6tfoKdTY/wDVr9BTqACmRf6lfpT6ZF/qV+lAD6KKKAGRf6v8T/On0yL/AFf4n+dPoAKZH0b/AHjT6ZH0b/eNAD6KKKAOY8L+HLnRtQupbiZHUr5a7Sfm5Bya6euW8KiQajd7xJ935t3Xdkff/wBrr+tdTWlS/Nqd2Pc3Xbm7vTyCmL/rH/D+VPpi/wCsf8P5VmcI+iiigDKg03TY/EE1xEV+17d7IHGVJ6nHXv8Ar9K1a4jTZifH8keW2iebA4xnDV29XNNNXO3GUpU5RUpXukFM/wCW3/AafTP+W3/Aag4h9FFFAHPXniYWviqHTPs+5WKxl93OXxjj8q6GuYv7WJ/GVvK00IkypGRyuMfL0xk9s88j2rp6uVrKx2YmNOMafIrXWvqFVNQuBbQh+/IX64q3XO6tdi5ulWNsxpkAg8E+tQcZTJycnrSUUUAMS6vbfUIvsUHmkjptJyfT2+tdlXOaVKianGjuqs4IVScFuO1dHT6GkpXila36hRRRSMwooooAKKKKACmmQA4w3/fJp1FAESyL5j8N2/gNO81fRv8Avg/4UL/rH/Cn0AM81fRv++D/AIUGVcHhv++DT6D0NAEUciiNeG6D+A07zV9G/wC+D/hSx/6pP90U6gBnmr6N/wB8H/CmvIu5OG+9/dPoalpj/fj/AN7+hoAPNX0b/vg/4Ueavo3/AHwf8KfRQAzzV9G/74P+FNWRd78N1H8J9Klpi/6x/qP5UAHmr6N/3wf8KPNX0b/vg/4U+sWPW7h/EZ042uIwSN3O4ADO4+x6fiKqMXK9jKpWhTtzdXY1mkXaeG6f3DQsi7Bw3T+4ae33G+lZEvibTrW7NtcNIhT5TJ5ZK7sfd45z+GKIxctkFStTpK9R2NXzV9G/74P+FHmr6N/3wf8ACm21zFd26T2ziSNxlWH+eD7VLU7GiaaujFn0W2l1xNRLyht6uybTgsowD09hxWv5q+jf98H/AAof78f1/oacGDZ2kHHXBqnJvciFKFNtxVr6s5fUvD8ra2moadMYBnc+7cNjZ+ZgMc5B6H39a3hfxXFnJNp7rckKdmzkM2OBkVlmz1e61e5hvG/4l0odThlwVI4AHUN0zn3rQ0nSY9JhkWORpGkbLM1azd4q7u0cOHg41JOnBxTbvfv3S/r8CnoF9qFyLk6nA8e1l2MYWQk45GPbjn3rU2W/2jz/ACR52MeZ5R3Y9M4qDUbe4urC5hs5fJmYja2SPTIyOmRxn3o0e0ubLT1hvZvNkDE53FsD0yeTUSs1zLTyOimpQapSTlpfmfe5RbxZYeVcNEkztCu5QUwJBuC5B7DLDr61b07VY9U09p1jeM5KlSCcH6/jU0Ol2UEkrxW0amYEPxnIPUY9PapxGkNuY4kVEVThVGAPwok4W91BSjiFK9SSt2SBZF2jhun9w0vmr6N/3wf8Kcv3R9KWszqGeavo3/fB/wAKa0i+YnDdT/CfSpaY3+sT6n+VAB5q+jf98H/CjzV9G/74P+FPooAaJFJ6N/3wadRRQAUUUUAFFFN2v/f/AEoASL/Vj8f50+oo1byxh/XtT9r/AN/9KAHUU3a/9/8ASja/9/8ASgBJf9WfqP50+opFbyz8/cdven7X/v8A6UAOopu1/wC/+lRXMU0trLHDP5cjIVR9udpI4NNasTdlczNT03U7nV4J7S78uBMZXeRt5546Nn3rXP8Arl/3T/SsXTbe70TTbmbVbvei/MApMm0fU881c03UotVTzbcyLtJVlkUAqeD2yOhFdFVSa01UdLnJQlBS10lLWzZo1zk9rpthr5vBdeZc7jILYMMqSMEnvjBP51f129udP0xpbQ75iQFXZn6nFcjZ2cs9x/aF4zrOzM5UjHJ4zj+lTTvGDle19B1kp1Ix5b219Dr9Pi06a7e7t4FS5blyevPUjt+Iqvaaxaa1fSWM1mGVMsplAYHBx07Hmsn7R9kImacRbT95iAKtXmtGys47uzghMk7ESy7OOOmSOuc8c9jVUrzdmrt7ak17Uo8yaUVq1bc0dO1211OW4jst7OoLpvXAcYAyP064PNM0G91S7ecanbmJVI2loynPcDPUe9TaVZQRRG5gthayzqrOhXlcgHb7Yz046Vo7X/v/AKUpyguaMY/fuiqcKsuWc5aq+2zuOopu1/7/AOlG1/7/AOlc51iS/wCqb6U+opVbym+ft6U/a/8Af/SgB1FN2v8A3/0o2v8A3/0oAdTG/wBYn40u1/7/AOlMZW8xPn9e1AEtFN2v/f8A0o2v/f8A0oAdRTdr/wB/9KNr/wB/9KAET77/AFH8qfUSq29/n7+ntT9r/wB/9KAHUU3a/wDf/Sja/wDf/SgB1FNAYHls/hTqACiiigAooOcccmm5f+6v/fX/ANagBI/4/wDep9RIX+b5R97+9/8AWp+X/ur/AN9f/WoAdRTcv/dX/vr/AOtRl/7q/wDfX/1qAEb/AFifjT6iYv5ifKvf+L/61Py/91f++v8A61ADqytea4FvEsFqtwhY78xeZg44+X8+f8al1bUTp2nyTfuxIB8is/3j7DvWN4dk1PUbx76eTEauVZCxG4Y4GMYHUc+1ddGm1F1nsvxE+xft9AghlS7wYX2h3hByA+PWtW3uIbiPMEscoXglGBwfTiiYNJBIjKNrKQfm9vpWTYJZ6TeG38/dcTBQAxPHoMgYB57+oqG3VTcm21sGw608S2dzc+TIDCW5Qtzke+Pu/jUmnWN/b6hNLdXHmRMDgbicnPBx2x7etSzaRaz3QuGt1Vwcna2Axznnjmr2X/ur/wB9f/WonUglamt97gOpn/LY/wC6KXL/AN1f++v/AK1My/nH5V+6P4v/AK1c4yWim5f+6v8A31/9ajL/AN1f++v/AK1ADqZL9z8R/Oly/wDdX/vr/wCtTJC+zlR1H8Xv9KAJaKbl/wC6v/fX/wBajL/3V/76/wDrUAOopuX/ALq/99f/AFqMv/dX/vr/AOtQAkf3T/vH+dPqKMvtOFX7x/i9/pT8v/dX/vr/AOtQA6im5f8Aur/31/8AWoy/91f++v8A61ACP96P/e/oafUTl9yfKPvf3vY+1Py/91f++v8A61ADqKbl/wC6v/fX/wBajL/3V/76/wDrUAOpkP8AqU/3R/Kly/8AdX/vr/61MiL+SmFH3R/F/wDWoAlopFLfxAD6HNYni2bULbQ5bjTbpLYxfM7FNzEZHA7CgNzcorltSl1SDWZLybzl0uExAeVdBSxJAPybTnk9yvFMsdSvW1KzuXupHF5qFzavbHG2NIzIFIHYjyxk+5oDpc6yikOcfKMn3NNZpApIQHA6buv6UAc7qP8AyEZv96qtQi/mvb64MkIQg+p49j71LlvQfnVSi4uzKlFxdmVfskjaot19rmWJEKG2GNjEkfMeM5HTrUlrf2d6062V1BcNbyGGYRSBzE46q2OjD0PNSKW+bgdfWuS1HwPKvi2PxD4Zv/7Hu5mC6iipvivE9SnTeOzfWpJOwpQSrAqcEHIIpuW9B+dU7W2uYbh3lkDqw6bjyc9famkmikk09TsLDUEukCuQso6r6+9WU++/1H8q4uDUVa7McW5XUnDepHWun029N0jZA8xcbsnrx16UNNbiaa3NCsCHWL9/Fb2DQYtwWGdhyABkNn34/OrNrdam+rSxT2+2BScEjAA7EN3zWnvbdjC59N3/ANatVandSV7r7jZWpXUkndfcPrnIbmU+LWjNyxj3MAMnB4+7jtj19q2I9Sgmu2to3Rplzlcnt1wcYP4VQj0Hy9eOpblyWLY75Ix19OaqnaHMp6XWhVLlhzKel1oX21C1XUltWmAmK/dwevpnpn2qgnh5U8QnU/O/iLbMdyMflVp9NhfVFu2i/e4z984JGAD0q9l/7q/99f8A1qnn5F7j3WpCqci/dvdajqgksbaW5W4khVpV6Maly/8AdX/vr/61GX/ur/31/wDWrJNrYyTa2HUxv9an0NLl/wC6v/fX/wBamMX81PlXof4v/rUhEtFNy/8AdX/vr/61GX/ur/31/wDWoAdRTcv/AHV/76/+tRl/7q/99f8A1qAEf70f+9/Q0+onL7k+Ufe/vex9qfl/7q/99f8A1qAHUU3L/wB1f++v/rUZf+6v/fX/ANagB1Ml/wBWaXL/AN1f++v/AK1MkL+Wcqv/AH1/9agCWim5f+6v/fX/ANajL/3V/wC+v/rUAOopuX/ur/31/wDWoy/91f8Avr/61ADqKQE/xAD6HNLQAUUUUAGaQkbT9KCqt95QfqKaY02n5F6elACxn92v0FOyKjjjTy1+Reg7U7y0/uL+VADsimRH90v0pfLT+4v5U2KNDEuUXp6UASZFGRTfLT+4v5UeWn9xfyoASI/u/wAT/On5FRRRoU5Rep7e9P8ALT+4v5UAOyKZGeG/3jS+Wn9xfypkcaEN8i/ePagCXIoyKb5af3F/Kjy0/uL+VAGB4eeRr67El+tzjqASdxz94Z4x9Mjn6V0ORXO+H9JubK9uGuoUVcbRyCM8fd9B9eeldB5af3F/Krna+h14xxdZ8ruh2RTFP7x/w/lS+Wn9xfypixp5j/IvbtUHIS5FGRTfLT+4v5UeWn9xfyoA4zTZpT8Q7gtAoV3kTfs4wAcEH1OP512uRXNWeu29x4um08Wkatlo/MC/Mdue/wCFdH5af3F/KtKl7q6PQxzk5w5o8vuodkUzP77/AIDS+Wn9xfypvlp533F+76VmeeSZFGRTfLT+4v5UeWn9xfyoA5bULWzfxpBM87hw6FgE4DDG0Z9+O3euryK5S/sL5/GcEsUGYNyHdt42jG7Pb168/pXTuIo0LuFVR1JFaT2R34t3hT96/u/cU9WvPItxHG2JJO4PQVzxPzLU93KLm5aTaMZwox0FZ9/NLb2Tz2Nmb2ZASkEbqhkPoCxAB+prM4BNV1ew0PS59R1a6jtbS3QvJLIeg9h1J7ADkkgDk1haR4ztPFGk3VxZWd7HbPK1vaSuvlm7GMGRB94AHIyQOnrkCbxDpeia1JZDVNJj1C9tm8y2glGfKY4PzYO3+EZzkcela1lp/ksZ7kiW5f7zY4X2HtVpWV2dcKUYR9pW26Lv/wADz+7yPBWlpoHkQXl9JcTbSiSXc29wOy7jya7zIrkINJh1HUEEpZRtIYL3HpXW+Wn9xfypN31MqslO0r69ui7WHUUAADAGBRUmIUUUUAFFFFABRRRQAxf9Y/4U+mL/AKx/wp9ABQehooPQ0ANj/wBUn+6KdTY/9Un+6KdQAUx/vx/739DT6Y/34/8Ae/oaAH0UUUAFRhgjSMxAA5JPbiqV3q8cDGOFfMcdTngVjS3c1w7+bISCc7e1AGxqWpIljKtnMpuCv7vHIB+vSudi8TahplmBexedI7nZ5jjIGO5FS0140kXEiqw9GGatSsrNGFSk5S54yaf4fcX/AO35p7RZUVY1ZN3I5AI71kPNZawzvtjaUY3OqlWHv/8AXpmrpPJpki2ufMOOnp3qHQrJrWxDTKRKx5z6dqa0jzJmVS86ipSjdWu20b2nXzafbx26KGhTPB68nJOfqTWxFqtlK6R/aI0lf7sbsAx/Cub3AsQCMjqM1Um02Ke8W4ZmDAgkA8HHSp3ep0SvGKVNG7Fc6tN4gkt7iFktNzgMEwAuDtYN3J449z6VPomhnSJJmNyZfMwMbcfieeT71VtdVkhkjWb95Hu79RxW1Fe28/8Aq5VJ9DwapzdrLQxhhoqSnNuTTdr9Lk9FQJfWr3TWyXETTqMmMONw/D8awr3xU8HiaPS7e381SwRm2nJJ64+g56GlGEpOyKrYmlRSlN7u3zOhT78n+9/QU+mJ9+T/AHv6Cn1B0BTZP9W30NOpsn+rb6GgBV+6PpS0i/dH0paACmN/rE+p/lT6Y3+sT6n+VAD6KKKACiiigAooooAKKKKAGRf6sfj/ADp9Mi/1Y/H+dPoAKKKKAGS/6s/Ufzp9Ml/1Z+o/nT6ACiiigBssSTRNHKodGGGUjgioLazt7HbFaRLEmGOB3PFWaq31wLaIyZw20hfrxinzO1ieWN+a2pj6rcedesoOVj+Uf1qkSFGWIA9TSSyCNHklbCqCzE1hxxTeIZRNdK0WmqcxQngzf7Te3tWtOlzpyk7RXX9F5mFav7NqEFeT2X6t9F/SNS8tI7+FVLkbTlWWp7TVIPDwiV1keNht2oAScd+SB/8ArrCvtCmtbd30aaRcHcbUv8rdTgeh5rQs1gv9Nh80ifaMMWGCG7g9wa1lCKipKV43+a9TCFScpuDjyztvun6f8MaXiXxDf2MNpPo0YkhuTv8AMMRbI2qVHtkH9K6Kwvor62V45I2kCjzFRs7GxyDUOluk+mmMgKqjyyBxwFA/lVbQtP06zedtPuvtDHCN84OwDoOKTlTlRslZrr3v3HGNaGI5nK8ZdO1l09S7q1rcXmmyQWc3kytjDEkZ56ZHIz603R7S5stOSG8m86UEnIJOB6ZPJq9WIutXZ8SnTzaDyckbsHdjGd2emO39aiHPODgtlqa1PZ06iqSvd6GxL/qm+lPrKXXrS41GXT0EvmKWUOVG1mXqBznjB6jHH0o16PU5LaMaSW3BvnCMFYjtgnipVKXMoy0v3KdePs3OHvW7GrRUVoJ1s4RdsrThB5hXoWxzipazas7G6d1cKY3+sT8afTG/1ifjSGPooooAKKKKAGJ99/qP5U+mJ99/qP5U+gAooooAKKKKACiiigAooooAZH/H/vU+sqCz1QeI57uTVVbTDGFjsBbKCr93Mmcn6YGPes21+I/hW78UzeHU1QR6pC0iNDPDJEGZDhgruoVyP9knjnpQB09FFFADG/1ifjT6Y3+sT8afQBQ1HSIdSdGld1Kgg7e4ParkUUcEQjhRURegUYp9RXFxHbRGSU4HYdz7VbnJxUW9EA9/9W30NVJNMtJbuO7lU+YuD97AJHQ4/wA9KyLjU7mXdiQovOAPSqxkd0Ad2YehOaUZOOzAsWVxPpt5L504u1YdVc4Jz15HH0HrWgmvRMxDxMAP7rAmsWqltYfZ7l5fNLbgRjH8/WrlL2jcpbiOvg1SzubgwQTh5B2wf59M+1Un1pv7Ums4LYtIFZUJb7zgEjI7D3zVTQYLZNQkYD96QWX5uhPXinazqJS+8jTMfanUo7pFuZeOADj/ADitaUITlaKvp16f8AGX9HuL6eOU38bLgjYzJsJ9ePy5960q5jR7y60/UDY36FmkKDiQtsYjPfqOQDz27109TiIcs/J9gQUyX7n4j+dPpkv3PxH865xj6KKKACiiigBkf3T/ALx/nT6ZH90/7x/nT6ACiiigBj/ej/3v6Gn0x/vR/wC9/Q0+gAooooAKZD/qU/3R/Kn0yH/Up/uj+VAD6iubaG8t3guYxJE4wynoalooAoy6NYTXwu5LcGYEHduIBI6EjODj3FLFpFhBqD30Nsi3MhJZxnqepx0BOOSOtXaKACiiigDj9W06KbVriRpJgWbkLIQOlU/7Kh/563H/AH+Na+o/8hGb/eqrWqrVErJmyr1UrKRn/wBl4yYLmeJgSM79386f5Wox8rcQzHph0K/jkZq4v8X1paftpv4tfVD9vN/Fr6o5zVrY39zp7apJd6ebSfzkltZiElI42sB/CferreKdEXxBBojajCNRuIjNDCc/vFBwcNjaTwflznAzjFarKGUqwBB6giud8T+BtI8VWqx3qPBNGweG4tzskhcdGU9j0/KhunJbWf4A3SmtrP8AD/M31t4klMiRgO3U1JE7Ryl0JVgcgiuWuPFlt4ce0s9bmYrNILaG4Csxdh/e44PucfjXQ295BcSOIZAx69OopTpzjq9RVKU46vU6vTr9byLDFRKv3lB/Ws6GC1HiZpFvd02WPlbDycfd3dDjrj29q5nT2lh1x5E3KQW59Pr6it7TNP8AP8QHUBMnDF2j3HdkjHTpjnrWsEocyb6GsFGHMnLoWbLQZbXXpb5pVMbM7ABjn5vboOtblZVrcak+sSxzw4tgWwduAB/CQe+eK1azrOTa5nfQyrOTkuZ30GH/AFw/3T/Sudi8QXb+MDpxRfs+8p930Gc5/CuiP+uH+6f6VGLK3F0bkQr5x/jxzSpyhG/Mr3QUpwjzcyvdaE9FFFZGIUxv9an0NPpjf61PoaAH0UUUAFFFFADH+9H/AL39DT6Y/wB6P/e/oafQAUUUUAFMl/1Zp9Ml/wBWaAH0UUUAFFFFABRRRQAUUUUAFIfun6UtIfun6UAJH/q1+gp1Nj/1a/QU6gApkX+pX6U+mRf6lfpQA+iiigBkX+r/ABP86fTIv9X+J/nT6ACmR9G/3jT6ZH0b/eNAD6KKKAGJ96T/AHv6Cn1geH/EL6ve3ETwCMAeYvsOBj3/AE+lb9OUXF2ZrWozoz5JrUKYv+sf8P5U+mL/AKx/w/lSMh9FFFAHCaXblfiNNJsbHnTHp7NzXd1weltJ/wALJnJkJBllB56jBwPwx+ld5W1Xdeh6uaX9pC/8q/UKZ/y2/wCA0+mf8tv+A1ieUPooooA5PUNavIPG0FnG+Id8abexDYz/ADq5q+orJOIN6qgbAycbzXC/EHxalt4uj0nwdpj694lMfnTQrKI4bRQvyPI56EnbhcjPqCRnau9Hs9YjspNZsoZJ7VhNGFcsIZcclWwCe4zgZ9KuTTSsdeIqUpxgqas0tfUx/FmieJdfuI7DS9Zh0jSJIcXcsSFrp2LDKoeiDbn5s5yelWdP0608LadFpGiLLK5dnAmlaRssclmY+5q/c3ctzObPTiNw/wBbP2jHt6n/AD9J7WxjtGypZ5HJLyOcs1FktWONONFKdXfov8+y/F/iPtbYW6Ek75X5dz1Y1PRRUt3OWUnN80i9pH/IQX6GuhrntI/5CC/Q10NIkKKKKACiikI3KRyMjsaAEMqDfl1Gzlufu/X0pn2mDyPO86Pyv+em8bfzri5dO+xL4gSGOZoPtVtJLuLOzxjYX5PJ4zn2pgFutw11JEP7BbUiyL5ZMe37OF3bf7vmZ7deaP6/L/MZ3gIZQVOQehHeisnwxHNF4dtluAyt8xUN1C7jt/TFahVif9Yw/AU2IRf9Y/4U+szU9EttaWKK+efbb3EdynlSmM705XJXGR7Hg96g8SeHpfEOnx2seu6rpBSUSefpkyxSNgEbSSp+XnOPUCkBtUHoa5Pwt4T17w/qFx9v8aX+taa2fs9teW8ZljJ6l5ur+wAUD3ratbLU4dY1G4u9X+02M4i+yWYtlQ2u1SHy45fccHkDGMc0AaEf+qT/AHRTq4bVvEXjyy1Sa30bwGmp2KECG7OuQw+aMDnYUJXnI5Pat251jUNP8Jx6rfaNfSXvlxmbTLApcSo7EAqp+UNtzknjgE0AblMf78f+9/Q1leI/ENh4U0Z9U1m4njtI2Cs0UDSkZ/2VUnHvWVZfELwzrkqweHtetdSughl8mGQMyL03EdhlgPxoA6maeO3iMkpwo/WsK51WefIQ+WnovX86pTXrXVwYpboPKq7vLyMgeuPSm7T/AHj+lAC1Sv7/AOw4Ij8wue7bQMD1q5tP94/pTDGHLB/mGehANNWvqRNScbRdmOikEsKSKCA6hgD1GaVmVELOQFUZJPYUbT/eP6VHcNFHA5uZAsWCGL4Axijdjb5Y3bM+01Z7y+kiSMeUM84IIHYn6/1rT3BYwWIAA5JNc0Lu5aGT/hHbZvJyN1xKCd3HQKRn8anOjefZefrV7K0rAcFsInoNvet5U4p6u35nlUsZUlFqnHnffaPyfX5K3mWYVsotZdxqEbSkk+VuGeeeTnkf/WqfUEvpJIzYvhMc4YDB9T6isz/hGIpY4/KkikhbknbjHuv4e9RxSXlnO0Wkzvcwxgn7PcDkgdQrf4/rVcsZO8Xr5mftatOLVWFk39l3f3dfl9x0p6pnrn+lOrH/ALetmgZsuk8bbWt5cK6npz7c9av2Vyby2Eo3Jk4xkH9cVhKEo7o9SniKVV2hK42LToob83aM+/JYDPAJ6n9TWpbXMcN19okto5ZQMCQ8N+dVdp/vH9KNp/vH9KnmZapQXTz+Z1NpOlzG0sfQnv24FT1z2j3JiuHheQqkh4PHBx/n9K3tjf8APRvyH+FI0H02T/Vt9DSbG/56N+Q/wpHRvLb943Q9h/hQA9fuj6UtMVG2j943T0H+FGxv+ejfkP8ACgB9Mb/WJ9T/ACo2N/z0b8h/hTWVvMT943U9h6UAS0UwqQMmVgPoP8KjglFwrNFKxVW25wOf0oAnopoRs/6xj+Ap1ABRVNtX09bSS6N5D5EbmN5A2QGzjH1psutabBbQ3Et7CsU/+qctw/0oAvUUAhlBU5B5BHeigBkX+rH4/wA6fTIv9WPx/nT6ACiiigBkv+rP1H86fTJf9WfqP50+gAooooAKw9bn3XUcIPCqSfrW2zBVLHoBk1x2pXqxefeTfdRGcgdwOwzTSbdkKUlFOT2RRux9u1COy6wxgSz+/wDdXp3PP4VogYGBwKy/D0Mq6abm4x5t25nYAdA3QfTH862YLeW4fbChY1tXtGXs1tH8+py4W84e2krOWvoui/rrcz9Su5bS3V4YwxLYJIJC/lWbFJJba/BM6NHHqEWGXjAkXp9OP51001hc28e+WPC+oIOKoXdql5bmGQsASCGU4KkHIIPqDTpVYx91rR6P+vLcWIoTqPmi9U018v8ANXXzMGeTUYJTFdyttkJyBJgH/aGO3PTjrXb+G7HTraF5NOvDdsyqrOSOB2GB0rl7B01WzljvERri3kaGQ9RvAwWHTg9arw2F34eUXMepRxCUYH7/AARt7lSBkewzXel7WDoN8sl06M8mT9jUjiox5oPr1R6ZRXKt4vnuL+KHT7JmT5d4kXLPk9tpwOnfP0rqq86pRnStz9T2qOIp17+zd7FRrC0jmlukgRZ3B3SAcmrdMl/1TfSn1k23ubRio7IKKKKRQUxv9Yn40+mN/rE/GgB9FFFABRRRQAxPvv8AUfyp9MT77/Ufyp9ABRRRQAUUUUAFFFFABRRRQAyP+P8A3qzdd8MaJ4migj1/TLe/W2k8yHz0z5beoParC3qpqD2zjGTlW9/SrtAFO7GpG+s/sL2qWoZjd+cjNIVx8ojwQAc9Sc8dqrN4o0JNcm0Z9Xsk1KBBJLatOokRTjBIJ/2l/MVq1z3iTwH4Z8XI39v6Na3UpRkWcxgSpkAZDjkHgYPbAoA3m/1ifjT653wl4ZufCtg1hca9qGtReYTbvflWeFNoATcAN3TqfyHe9oniKw1/TpL6w89beORoy9xbvDkrwcBwCRnjI4oA0pJFijZ3OFUZNc1eXbXc5duF6KuegqfUNRa6YpHlYh/49VCgBG+6fpSj7o+lUZNUjLvFbxS3DLkExrwD9aabnUmULHYRoTjDPMCB9QOa3WHqddPVpfmK5oEgDJOB6mmiWNjhXUn0Bqgmlmb5tRuHuHI+6DtQfgKkk0m0ZR5cfkODkPFwwp8lFaOX3LT/AD/ANR2mPDa6+Zkn3OGOUK469RnvitmO6sR4oI+zbXJIEpk43YPO36Z5rkpY5oLgqufPiQuzq33x0DY7HrkV0NuB4i04Mm1Ly2QrhsMJDj8Pb6V0qKi/eejVr/10EbmsG5ihWWwiDTbsM4QMyr7fjTbkalPo0Zi/d3RwZFUgHHt6HpTdDe9WzdL8MEiCiNpFwxAHOf05+tW7TUba+Li2k3FOoII/H6VzyvDRJPl6jF09blLCJb1t04B3HOe/GffGKml+5+I/nT6ZL9z8R/OueTu7jH0UUUgCiiigBkf3T/vH+dPpkf3T/vH+dPoAKKKKAGP96P8A3v6Gn0x/vR/739DT6ACiiigApkP+pT/dH8qfTIf9Sn+6P5UAPooooAKKKKACikJIHAJ9hTd7f882/Mf40Ac7qP8AyEZv96qtWNRY/wBoTfIfve1Vtx/un9KABf4vrS0xSfm+U9falEmSQBkjrgjigB1FJuP90/pRuP8AdP6UARGzt2k3tBGzZ3ZK5wfWuJ8UeI/+EK163lnsp4dJuIm36gimWOKQc+W6KCygqCdwzzxjAJHd7j/dP6VG6LMkkcsQdHG1kYAggjkEVpCrKGxrCrOGxU0jWLfVrRJYJEYsoYFG3K4PRlPcGrNtbNa6qL2OU5Bztx19ifT2rl9Xe70rTFj8OaB57WbLHDbWziExpnBIzwRjnHH1robG/ebEN3CYbpVy0ZI59xzW0oaOUPmu3/ANpw0cqfzXb/gHb2tyl1AsicZ6rnoamrlbW8ltZQ8YPuuRg1ftb/UbjVuIibQk/wAIwBjjn1zjisIx5r+RzxhzX8jYP+uH+6f6U+oizecP3bfdPce1O3t/zzb8x/jUED65LV7q8TxhbpE7iEPGDjoMnn866re3/PNvzH+NRPbwyXCzPahpV+65AyK2o1FTk21fQ3o1FTk21fQsVj32qz2+uW9qkKsr465y2epH0q2+q28d8LRtwmJAx2BPQZ9a53WYi/i+1k810ClNwx93ngDnv/WroU05e+uheHppytNdDr6qzalawXSW8su2VsYGD36ZPap97f8APNvzH+NVZrC3uLpbmW2YyLjB3dcdMjPNYR5b+8YQ5b+8XaKZvb/nm35j/Gje3/PNvzH+NSQD/ej/AN7+hp9ROzbk/dt971Hoadvb/nm35j/GgB9FM3t/zzb8x/jRvb/nm35j/GgB9Ml/1Zo3t/zzb8x/jTZGbyz+7YfiKAJaKZvb/nm35j/Gje3/ADzb8x/jQA+imb2/55t+Y/xo3t/zzb8x/jQA+ikUk9VK/WloAKKKKACkP3T9KWkP3T9KAEj/ANWv0FOpsf8Aq1+gp1ABTIv9Sv0p9Mi/1K/SgB9FFFADIv8AV/if50+mRf6v8T/On0AFMj6N/vGn0yPo3+8aAH0UUUAcr4UvpbnUrsSWqQhl3kquMHPT9feuqrkvCOvXGq6ldxzrGAV835EC4OcY9+veutrSorSO/MIShiGpK23mFMX/AFj/AIfyp9MX/WP+H8qzOAfRRRQBx+n2Fsnj+4mW+ieQM7iMA7iSDlfTjJ79vy7CuUsfD15b+NZtQfb5G95Ad/XdnAx68/pXV1pUd2tT0MfOM5w5Zc3ur/hgpn/Lb/gNJJcQxD95Iq845NYc3jDSo/ET6PHI8l8sAm2CNghUns+ME+w5rM880dU1zStEFudY1C2shdSiGDz5QnmOeijPU1i61dapNrVpJpOrRw6fGjLdWrWgczk9Csm4FSPoQa5hvBGkT+LLrxDqIuNTvppXeL7dL5qWysANkaY2gADAOM471q3WpRwOIolM856Rp/U9qaTexpTpzqS5YK5QuZUtdeaUeXFvKiWQKBuAHRj1PU49M1OJLrVWJhY21nnh+jyfT0FJFpr3NyLjVNkjlTthA+VPr69a1QAAABgDoBVtpbbnZOpSopKFnJdei9O789u3citraK0hEUK7VH5k+pqQ/eWlpD95az3OGUnJ80nqLRRRQSXtI/5CC/Q10Nc9pH/IQX6GuhoAKKKKACiiigAooooAKKKKAGL/AKx/wp9MX/WP+FPoAKD0NFB6GgBsf+qT/dFOqpNfw2sK7jufbworGutRnuWOWKJ2RT/nNAF7UdUXa8EAD7htZjyPcY71zyWVrBMJILaGJ2JBZIwpI+oqxSN95fr/AENAFddOs01N9RW2iF5JEIXnC/OyA5Ck+ma5vUPhl4Z1TUZ768t7tp7hzJIUv50BJ9AHAH4V1tFAGfcadNH4eOm6JeHT5Y4BDbXDx+eYsAAEhj83A7nmobyHW4PDzw6PdWtzq6KgSfUUIjkbI3FljxjjOAO+K1qxrq9uL+5ksdIbbzia66iIeg9W/wA+4uMXJmFevGjG71b2S3b8v606nP2WreOrTWFt9eHh25jKH9zpiXHm7v4clztAz1z2rVj07UrjXoV1m3F5ZmAyGbzgscUmQBH5WMtxk7s49u9bVhpttpsZW2Q5bG52OWb6mrVXzqOkPv8A62OdYaVZ8+J17RWy9f5n6q3ZHK6r48stE1S4stQ0rVY7eHCpeQ2hlhkYqDtXZluORyAODWtq19psPh46jqlz9lskRZWmf5dgOAM5+uMe9Q6Ppd1Y3Ez3D7lKbRznPPWtdrJdQhNtJCJ0kGGQjINQ7RlozopuVWn78beRh6XeR2EBlvr2GC1JKKZpQoL9eM9O5x71pWN3pd3NI2nXNrPJjLmCRWI+uDU154GsdV09LXU9Itry3R/MWK5UPhsYz83fHFU9M8M6H4cupV0jSrLTp5FAkFvEqMwHTOOoolK7ugo01Tgoy6Fm60+0vHU3NvHKeeWXJ6Vntod5DC8Gn6rJFAR8sUkYfb7BuwqxpukDTLq8m+331415cNNi7nLrCDnEca8BVGTjv6k4GOU1Hwr4m024urrSfiDf2trM5cW95Yx3jKxz8qMxGF9Bj86cak1ojOthaE/fmrPum0/vVmaj2+uac8cUd9vJUlQIcqST0/Qfma0Rq15Yvt1m1VYycC5tyTGPqDyKjOo6pqOjynQxaLfIUCveBjEwz82duDnAPHril8Valq2maUsug6VHqlw0gUwyy+WoX1zg1o53fLOK/L8jjhhlCHtKFWVul22vuf6WLi6tbm6WJCziQriRfu8gY/mK6Sw1by1EVzkjor+n1ry3wvr93c+IorXUvC97oyzwl1NzsZElGMqjA5wc8ZH5V2NnqkF9eXlrCswks3EcpkiZVJIz8pIww9xWc4pWsduHqTmpKpunb+vzOz+32v8Az3T86R761KMBOmSPWvNpviF4Tt9WfTLjXrOK8SbyWhd8FXzjB7Dmto39mdPN6LuA2u0nzxINmOmd3TrWZ1HbIwaMFSCMdQadXJQzuihoZWAI4Kt1FXYtYuo1wSsnoXH+FAHQUyQhXQscDnk/SsX+27n+5F+R/wAapXF3PcMvnSFh6dBQBf1TUBN+5gY7B94j+Krei/8AHif98/yFYFb+i/8AHif98/yFAGhTJYknhaKZQ6OMMp6EU+igDjoNMn061R47GTyLXVnm8iKPJMZUqGVe+CQeKrw2F7ZQrcS2E8qXKXqpCibjD5029Aw7cdfQ13NFH9foBU0q3ktNHtLec5kihVH57gVZ8serf99GnUU27u4bFdSq7FJbL5x83pU3lj1b/vo1m6hKYFtZB/DITWmjiRFdTlWGQaQCeWPVv++jR5Y9W/76NOooAikjAjPLdR/EfWn+WPVv++jSS/6s/Ufzp9ADfLHq3/fRo8serf8AfRp1QXlyLW1aQ9eij1NAFDVrpERreNmLn7x3HgVxWtob6+s9KTcVkYTT/MQPLU9PxP64red2kdnc5ZjkmsLRgbzVb3UmA2yN5MXy4+Ve/wCJ/lXVh/c5qv8ALt6vb/P5HBjP3nLQ/mev+Fav79F8zVns7m5h8nT8iU4wA2OO+PSuj0SyuLXS4471j5wJJw+cDPAJHU1laTqtrDqf2V0kMrsED4+UHGcdc/pXT1nLmjBRkt9TeHJOo5xltpboMaFWUqxYgjB+Y1zmoWP2S42qWKNypJrpqrX9oLu2Kjh15U+/pWJ0HmmoyTaPr32m3UeTeAI4O4/OO/Hcj+tTCHTPEd7CLq8eywArBsHcCegOeO/P6Vo6vpg1G0mt5MpKjZRscqw/ziuc+yCGCOZUZhgiZQmOR1U9cfX3r1qNSMoxmnaa0/y/DT5Hz+IpShOdKSvTlrb89td9fmer2un2tlGUtIhCpOSEOMmp/LHq3/fRrBOrnWdBmOmTiG5jA8wE7CBnnBPTIzzVrSLhrawtodUvYWuLhmEIaYFpAOcA/wARA9M158oPl55PW/zPXhVjzqnBaWvdbGjLGBE3LdP7xp/lj1b/AL6NQ3N1bxSJbyzxJPMGMUTOA0m0ZO0dTjvisjxD458M+E7iGDxHrNtp8s6l41mJBYA4JHFYnSbvlj1b/vo0eWPVv++jWb4f8TaN4q0977w7qEOoW0cpheWEkgOACV+uGB/GptJ1e21m2lntEnVIp3gYTwtGSyHBIDAZHoehoAueWPVv++jTGjHmJy3f+I1wyfFJ7y8mj0fwX4l1C2il8o3SWixIWwCcCRlbAz1xXWazdalax276RpyahK06pJG9wIdkZPzPkg5IHO3vQBoeWPVv++jR5Y9W/wC+jWT4lv8AXNO02OXwzoketXTTBXt5LwWwVMEl9xU55CjHv7VneFtR8aajqV3J4q0PT9FsFjUW8MN39pmeTPzMXGF247YBz3NAHT+WPVv++jR5Y9W/76NUbUax/bl/9tNidK2x/YRCH88HB8zzCTtxnG3b261zWueGPHN/rVxc6L8Q/wCybGQgxWX9iQT+UMAEb2OWyQTz60AdgsY3vy3X+8fSn+WPVv8Avo1l2+mXsnhmTS9T1eea8ktjBNqVsi28pYpgyoBkI3OR1ANOn0Uz+F/7F/tTUYz9mW3/ALQjnAuuAB5m/GN5xknHUnigDS8serf99Gjyx6t/30a4zQfhfp2i+Iotcu9c1/XNQt1KW8mq6gZBCCGBwqhQchj97Ptiu0Vg6hlOVYZB9aAECBTkFvxOaivWuls5DYLE1xj5BMxVc++ATU9BGRg0nsByVlqWq6lp+lQPf/Z7m4jmkmuYoV5KHAADAgDnnvx1qt/wkepXul/2lFOLb7Lp0F28CxqVnZ924EkEhfl4wQeetdHL4d02azhtTC6RwFjGY5nRl3dRuBBwc8jNE/h3S7iSF5LbHkxrEqo7IpReisoIDAdgc1QGir7ow4B5AOKN7f8APNvzFOopAc3qjH+0HO09u9aun6iLmMIynzVHIyOfcVl6r/yEH/CqqsyMGQlWHQjtQB1e9v8Anm35ije3/PNvzFZFtrRRAtwhfH8YPJ/CpjrkO07YpCe2cUAXZJNrKzKQADkkiuX8Ul/EGlT6bBeXunRybf8ASbKURzDDBuGIOM4x06E1Nd3s13KpkbC5OFHQVBQBynhvQvEmg6xcw3WunVtEYB4ftwL3iPjBUuCF29+h9MDqdNtQTWbmay06clLeQx3boPusOqA+vr/kVoXcrqqwwkebLwpP8I7mo5rF10m4tdMnFlPJE4iuBGH8uQg4kKnhiDzg9a3g/Zrn69P8xbk0cSW9uIoYtiKOAKkBO0fKa4rTX+I+l30VnqsWka7ZMWU38chtZUG7hnXBUnH8Kj8e9dfFf2ct0bSO7ge5VdzQrIC4HqV645FYttu7GLdTyQ27PFHuYevOPei1mkmt1eWLax9O/vWjFpt1Mu5YiB/tHFV7xDYOq3PyswzgHOB6mqinJcqWoGFrbNBdW9xGdjcoxzyR/h/jW3oFiBrHn72OE3hVAAJxg856c9MVWv7GO8hZJUO8A7TnBBqPSbppLQqys0qRtE6A7STgjg9utdfO5UVyvVaP0exPU7dZlnQ7AJF6HawI/nWbP9n0G1ee2s2Jdgpy/H584FZHh+01NdQMqlkg3LuP3VI7jae/v71vXOrW0F+tnKjMWKgnAKgnpUypOnU5IvmXUZNY3pvbKO4EDJvH3SR64/KpZGbZ9w9R3HrUoAAAAwB0FMl+5+I/nXI7N6DF3t/zzb8xRvb/AJ5t+Yp1FIBu9v8Anm35ije3/PNvzFOooAijZtp+Q/ePcetP3t/zzb8xSR/dP+8f50+gBu9v+ebfmKN7f882/MU6igCJ2bcnyH73qPQ0/e3/ADzb8xSP96P/AHv6Gn0AN3t/zzb8xRvb/nm35inUUAN3t/zzb8xTImbyU+Qn5R3FS0yH/Up/uj+VADlJPVSPrS0UUAFFFFABRRRQBzWo/wDIRm/3qq1a1H/kIzf71VaAEX+L61VtbAWs7yeYWyMAYx37+pq0v8X1q1Z2Ul5JheEH3m9Kak0rIpSaVkQJG8rhY1LMegFaMOiTOMyusfHTGTWtb2sNqm2FcepPJNTUiTmYfC9zFfSSm8VkOdowct7H0x+NEunXMDOWTcoPVea6amJ99/qP5VUpOT1KlJyd2cnXK+O9C1vVLK1vvCuoG11TTnMsUDn9zdgjmN/Tpwc8HPTOR6ZeaXFc5ZP3cnqBwfwrDuLWW1fbMuM9D2NJScXdCjJxd0cx4U8UnxFpsUl1p1xpt58yTW064KOpwwB7jIPNdbp96bSbDH90x+YY/WsDWtLmvdPn/sq4Ww1EqTBd+WH2P2JU8EfWpdIluX02GPUZY5b6NAtw0aFFL9yFJOAa0kotc0PmaSUWuaC9TuVdZJFZCGUqSCO/Ss5NSvG1w2ptgIMkbtpyBj72emPb3qjpuoLa3gilf5WH3c9PfFdECGGVIIPcVMWle6uTGSje6uZcs2pjXFSNP9EyP4Rgrjkk9c5z+latFULjWILfUEtHVyzEAsBwpPSnrUsorYrWpZRWyJX021e9F20WZhg5ycEjocdM06W2gku4pXiRpFBwxHIqxWTe6heQ6zBBFbB4mxlsHJz1OegxRHnm7JhHnm7J7GtRWVqcuqJfQiwTMOBn5QQWzyGz0GMdMdTVqfU7W3u1tpZMSNjjBwM9Mmj2bsmtbi9nKya1uF1qdrZzJFcSbXcZ6E4HTJ9P/rVbrE1nQG1TUIrhZFUKgQ5JyuCTkY69eh9K26c1BRi4vXqOagoxcXr1GP8Aej/3v6Gn0x/vR/739DT6yMhryJEuZHVATjLHFOrP1XSv7TWL995TRk9V3Ag47ZHPH86uwxiGCOJSSEUKC3U4FW1HlTT1Lajypp6j6ZL/AKs0+mS/6s1BA+iiigAooooAKKKytX1ptLubOJbKWcXM6RNKDtSMM2Mk9z7CgDVorCPiRl1EI9qosmuTarceb83mAE8rjG3g85/CnaT4gk1C6t47i0W3S8t2ubRll3lkBAO4YG1sMpwCR15oWobG3SH7p+lDOF6mmmRdp5/SgBY/9Wv0FOqNJFEa89h2p3mp6/pQA6mRf6lfpS+anr+lMikURLk9vSgCWim+anr+lHmp6/pQAkX+r/E/zp9RRSKE5Pc9ven+anr+lADqZH0b/eNL5qev6UyORQG5/iPagCWim+anr+lHmp6/pQBxHgWza31a6ZgR+629enzDg+hruaxdG063sLu4eK784/c2gcqP9r1PHt3rY81PX9K0qS5pXO7H1lXrua8h1MX/AFj/AIfypfNT1/SoxKitIzNgDknHtWZwkpIVSWOAOpNY17rDlylqQq9N+OT9KZqeqrODDAf3f8TY+9XPz6tDG5jt1a4lH8EYzj6ntTSb2NKdKdR2grjY9amuNbkt3YnkrnJz8uec1peY/wDfb86820XxdBqnju5s9LtJbtoGfzbiMjyFfBym/ucd+ldFY6HqFnq+o6il+zSaiylkllZ1gCjAVF+6Pxz9auUUdlbDRuuWSSt3/wArmMtz478W6pEUt18KaJDcK7ySsJL25VWbgDBVA2FyCD16sMrXZTalawuczKzBeEQ5J+lQmwmn+S9v3mizkokYTJ9yO1WYLa2tmxBEiDHZaVoox5aEPilzPy0X3tX/AAKnl3upt++LWlrk4RTiR+O56Af596vW1nBaKVt4wmep6k/U1oW9hNOw3AxoerMO1adtpttCcyt5zf7S8flScm9CamIlNci0j2X69/mcswv31REgjZ4uBwuRjjOT6/8A1q2otIupBkhYx/tGp59SuYdeit4bVTbnClghyQcZOegx6e3vWx5qev6UMmrFxUbpaoyE0JyP3k6qf9lc/wCFRS6JMJF2SIw5xnIJ4rc81PX9KY0i+YnPc9vapMTnJ7Se2/1sZA9eoqCusMiEYPI+lZt7psczmS3YIx6qRwaAKekf8hBfoa6Gue0wGLUwsgKlQcgit/zU9f0oAdRQDkZFFABRRRQAUUUUAFFFNMiDqy/nQBT1GeS3gd4W2tuUZwD2rNj1i7TO4rJn+8vT8sVc1d1+yN8w++vf2NYe9f7w/OgDQk1m7cDaUj/3V6/nmq817czqRJMxGOg4H5Cq+9f7w/OgsuPvD86ABTlRn0paarLsHzDp60u9f7w/OgBaRvvL9f6Gjev94fnTWZdy8jr6+1AD6KaZEAJLKAOpJrIM0+sTeWoEWnBiHkD4acDsPRSfzFXGPNr0MK1ZU7JK8nsv62XdjXubzXC8ensLeyzta4IO5/XZ/jWnZ2kNlD5FsgRF/X3PvUqCONFSPaqqMBV4AFAZdzcjr605TurLRGdHD8kvaVHzTfX9Eui/PqPopN6/3h+dWLS2N3JhWVVH3mJ6VmdYtvZS3e7yxhR1Y9BXQWlrHa26rGO3LHqaI1ht7YRRsNqjjLdakSRNi/OvT1oAc7iONnbooJNcppcFlrGvy3iPKNp83ypEHzZGM5z09sV1XmJ/fX86ightLXd9mjhi3nLbABuPqcVpGXKmctai6s4N7J3/AMjjfECX+maqJIY82RYBc424I5yeoOc/pVqPT5dTsEeS0YpINwB4x+NPvbi+0rWTeXkxuLSSVlSNZMggglRtPAwB174966G21G2n05bwOEiKFzu/hA6/yq5q0U0vmc2Hm5VZxnJ/4X+focjaeGL201AyxoVhySFHU57H/ParN24sf+Ps+Vk4G4dau+HvEk+r3tyk8UccUS7s4KlOeASTzkZ5GPu0/wAQ6TD4ls4BbXkQ8pyQyuCDx6jNKUXz2mVTrQ+rueGV+yMK+sY9TtdokKOriSGVDyjAcGotP1KTz/sOpqI7xRww+7MPUf4VpmwGlqlt5vmKigK/TdgCqt9Y2mow+XdKGA5Vg2Cp9QaSkrcstjSpRqcyrUtJdV0fk/NdH+aGX2jaZqdvJBqOn2t1DKQZEmhVg2DnkEc8gGlm0rT5dHOmSWVu1h5fl/ZjGDHtHRdvTHHSqS22q2GRaXkd5CCMR3P3wM8jcPbufyoOutCpXULCeFsH5kHmKfxH9aPZN/C7i+uxj/Gi4eq0+9XQ7XvD413S4bKPVNS0hYpFcS6XOIZCApGwnB+XnOPUCmeG/DZ8OxTodb1fVvOYHdqlyJjHjPC4UYBzzWjZ6jaX0Za1nSQLw2D0qxvX+8PzrNpp2Z1wnGpHmg7ryKWn2t/bSXrX2o/bVmnMluhgWP7PGQMR5H3sHJ3HnmsHTr3x1Dqdvba3pOkXMDvmS+sLp4xGvp5bgkkfXBzXV71/vD86aWXcvI/OkWU7/ULi0v7G3g024u0unKyTRFQluBj5nyQcemM9K67Rf+PE/wC+f5Cuf3r/AHh+db2iyILE5Zfvnv7CgDSopvmIejL+dOoAKKKKACiiigDH1j/j1h/3jVjR7kS2vlE/PH6nqKyvEum/bZNLuftt5b/Y5nfyoJdqT5GNsgx8wHUD1rnNe8IaD4pktW8RWDXi2u7y1W5lhxuxu/1bLn7o6+lAHpFQ293bXZlFrcRTGGQxSiNw3luOqtjoRkcGsXwj4R8P+E7CaPwxZtaw3TCSVWuZZssBjq7MR+Fa9np1lp7XBsLSC2N1M085hjCebIcZdsdWOByeeKAMnVPG/hfS7aeS/wDEOmxC3OJV+1IWUg4I2g5zntitDVNc03RNGfVtVu47WwjCFp3ztG5gq/mWA/GsubwD4QN218fC2jG7Mvmmc2EW8vuzu3bc5zzmuhaNHTY6qy/3SMigDM8ReIbTwxo7alfw3U0KuqFbS3aZ8n/ZXnHvXIWXxC07xdqxs9Ps9Ug8qIyBryxeFSMgHlh15HHsa6vWL0Ofs8ZyAcsR6+lZNAGHqGsXCw6jD/Z88PlOkMM0uNk5cdVwc4GcHOOaxINU8WW18NI0Dwd9pitRsN1d3q26zsTyyABsjjOTg810tsv9p3YvZFzbx8W6sD83+3j9BxXS6LBm5MxxhVKj68V01HyU1S67v/L5HFRj7Sq6/S1l6dX8/wAl5iyWeoP4eS5sbLT7bxB9kUILrMscUu0ZVmXDMoORkYzUfinUtY0vwm02lfYTrLbEi+0o5ty+QXyFIbG0Njnrit+o54IrmIxXESSxnqjqCD+BrGMlzLn1R0zi+Vqno2cL4G17xzqeqsniq30X7EY22vp0M6Mrg45LsQRwRxzW/pd7Jc+KtQP9sNcWjxoLewNqqCArkOwkHL5JHB6dqt6xdXOl6dH/AGXaq2GCYCEhFx/dH5VlzXMGhWsGoLpix3V2D5m6QhU7kc5xn0Hp7V1KlGorxW+2v5nBKvUou05XtrJ2e3lY5XxZ4K1DX/Fl1fN431W0sOFisNKdIDAwVQd7gEvkqTgjIycVBFpMWlSrot7dXV9Y6hatBJLdykyStgg7nGPmIPUYPSt5/DF2LZLvT55ApTJjkPlvGCARuPcjoen0qhetHrekSxWkm+6gAdGHB3juMevNaQpwhOyd4vR+X/DPUyqValWndxtOOqXe3Req0HTeFdLk8NSaFHC0Vk8KwlBK5OxRgDdnd0Hrmq2i/CvwzpCQXvh6yZNZt2OyaW7lYqCMHYHchTjuOcZ55rbsbn7ZYwz42l1+Zf7rdCPwORVgEqwKkgjoR2rk55wlZ9Geh7OnVhzR2a6aaM1rbSI2t7K71e3hudTskkENy6BpIQ/BCt1GVAB9cd605rW3uCDPBHKRwC6A4/Osy11bdE0d2eccPjr9a2AcjI5FZSfM2zaEeWKiugyKCKBSsESRKTkhFAGfwp9FFIoKY3+sT8afTG/1ifjQA+iiigAooooAYn33+o/lT6Yn33+o/lTycDJoAparceRZMoOHk+UfTvU9p/x4wf8AXNf5VgahdfarpmH3F4Wt+0/48YP+ua/yoAmooooAKKKKACiiigDnNV/5CD/hVOrmq/8AIQf8Kp0AFFFFACH76/jUV1cra27SuCewUdWJ6AU+V1j+eRgqqCST2qtbL9rm+2SAFcYhB/hH976n+Vawivilsv6sIWxt5EUz3WGuJOWOPuj+6PpV1EaRwiAsxOABSAZOBya6DTLIW0Id1/esOSew9Kmc3OXMxjYtKgSxdJkDu6HcxHTjtWbo/hTR9H1WW9WO3bULpVDSbAruqjjPOTj+ldA/+rb6Gs2XRUn1OO9MzLtKsUx1K9MHsOBVU2rOMnZCOPtvFvjvQ9SWz8Y+Fra+glfEepaHLiJQdvDpK25cZPOecdO9dr5Gn6xHHctH5oHAJJHfoR3+hqrY6beOZ49Xk8+Fx0Lk5bP3h/d+gxSr4U0RdftdaFip1C0ga3gmZ2PloSScKTjJyfmxuwSM4NVLlp/C9e62AZrVtsmWdej8N9a5qHFvrs0fQXCB156kday/HHxUPhjxJcaTrOmNb6Ydht9VQmWNzxuVwAPLIY46nNWpb+C9t9P1e0kDwEqQ2042twT6itKMHflf2lb9V+IM62L+0Z76O8E5+zKBuG7gAD5gV9ScnPuKrrrP27WoRb6ejhSP3jpl8HuD2xV3Q5j+9hPT7w/kf6VqQ28Nvu8iJI9xy2xQMmpjWil70dbWQWJKZL9z8R/On0yX7n4j+dcwx9FFFABRRRQAyP7p/wB4/wA6fTI/un/eP86fQAUUUUAMf70f+9/Q0+mP96P/AHv6Gn0AFFFFABTIf9Sn+6P5VDfz/Z7KRgcMRtXnHJqaH/Up/uj+VAD6KKyvEOsyaJpxuYrKS7IPO0hVQepNAGrRWFe+IpLW9lCWyPa28kUU8hkwwMhAGFxyBuGeRSWviKSfUIVe2RbO5uZbWCUSZYvHuBJXGADsbHJ7UAb1FIWCjJ/lSeYvv+RoA5zUf+QjN/vVVqxqLj+0Juv3vSq24e/5UASWsLXFwI06s3X0rqLeBLaFYo+i+veqWmWqWkbM2TIx54PHtV/zF9/yNADqKb5i+/5GjzF9/wAjQA6mJ99/qP5UvmL7/kaydN1G7uNQnjurfy4xyDsIweABnv8A/Wqoxck2uhcYOSbXQ2KjuLeO5iMcoyD0Pce4qjb63Bcag9qqOCpIDEcEjrWh5i+/5GiUXF2YpRlF2kczd2r2k5jfkfwtjqK5Txt4WHifRGhhurizu4nWa3nt5CrJIvKtwRnGT/8AWOCPS7mKG6hKSA+x2nINcS9xPFrb2zt8isVxt44/XNXTve66F0+a910OU8JQ679tkHifUILyaOciG6jj8t5k7b0ACoe2B6fiev03xFd2/iL7HI2bTcVKbenHUHrUV1aqLtbyBAZUGWUj7/8A9f3rCsjBoOn3Wt+IvEBuoo5TI80tskQgDHATCDtkDnJNdEnBrmW1rejOmTg48yWlrej/AK2Z61HIkqBo2DKe4NMe2gedZnhRpV+65UZH41w8BMt5FqFleboXVXjeNiQykcYI4IPX8a6Ww1nc3l3bdej7cfnXI9Nmcb02ZsUxv9an0NL5q+/5GoXuYVuY0aRQ7A4U9T9BUkliq02nWs90txLCGlXGGye3TI6H8an8xff8jR5i+/5Gmm1sNSa2HUU3zF9/yNHmL7/kaQhH+9H/AL39DT6ieRdydfveh9DT/MX3/I0AOopvmL7/AJGjzF9/yNADqZL/AKs0vmL7/kaZJIpjPX8jQBLRTfMX3/I0eYvv+RoAdRTfMX3/ACNHmL7/AJGgB1UtT04alHAhl8vybiOfO3OdrZx+NXFYN0/lS0AYf/CNltUEsl3us1uDdLbeVyJSpH388ryeMfjS6T4efTrqGSe8+0paQNbWi+VsMcZIPzHJ3NhVGQF4HTmtuihaAFI33T9KWmyf6tvoaACM5iQj+6KdWfo1yZrIIxy0YA69RWhQAUyL/Ur9KfTIv9Sv0oAfRRRQAyL/AFf4n+dPpkX+r/E/zp9ABTI+jf7xp9Mj6N/vGgB9FFFAHD+BmuG1a7E4fCxYbOflbcOD713FcJ4NvLePU7rfdFgI8LuB+bkc11c2s26A+XukYdMDArWr8Z6eaO+Jfoi+zqilnYKB3JrntT1UN5oV9kC8sx4zVPVNYCQtcX0wjiXsDgD8K5e/TUfE2iT3GhXdtCZE/wBDkkHmRk/32x14zgcjOM5GahRvq9jkpUeZc89I9/0XmaTSS6w3lwb4bP8AjkIw0nsPb3qPTLee80u8stX0lLGJ2khCR3PmedEcjduGCCQfqPWovBvwwfTtUbXNY1vUdW1SVCjXM8xSNULMdiQqdoX5uhyARlQK9Fi0+1hA2wqT6tyf1ocr6LYKlZyXJFWiun6vuzy/w/oWm6DqCWWkQC2tYNyxRrzzznJPJPXkkk11scMkxxEjN9BVbThc/wDCwJ96nZvkDcfw4O3PfHT9K7QADoMVU1Zo2xsHCUVe/uowIdHuHYeZiNepJOTWlb6db202VXc237z8mrtM/wCW3/AazOEfRRRQBRl1S1i1SO0dyJSNvTgE4wM/561eqnLp1pLqUd08IMyjIbJ6jGCR0J9/p6Vcpu3Q0nyWXJfz9Qpjf6xPqf5U+mN/rE+p/lSMx9FFFAEUkaefHJtG8HGfbFS0x/vJ/vf0NPoAKKKKACiiigAooooAKMUUUAZmrj/RH/31/kaw8Vu6x/x6P/vr/I1hUAGKD0ooPQ0AIv3B9KXFIv3F+lLQAYprYBXPr/Q06sy5J1O6+xpkWsT4uHVsbztzsGPqM/lVRjcxq1PZrRXb0S/r8SIXX9uOYbZGWyHMkrJ/refurntx1rXChVAUAAcAAdKFVUQKihVUYAAwAKWnKSei2Jo0pQ96bvJ7v9EuwYpq/eb606n20D3Fz5cY5JGT6D1qDoH2tq11OI047k+grpYYUghWONQAB6daba2sdpFsjHP8THqamoAjnYRW8jkZCoTj6CsTw14lTXmnjEHlmEA5znIP9eK3ZAGjYMMgggg96q2GmWenqxs4RGZMFjknPtz0HtVpx5WmtTmqRrOrCUJWir3XfsXMD0owPSiioOkoapPp8KRJqflGORuEkTcDgen9atiOF7cIqI0LLgKACpXHT6YqlqukW2qPB9p3gxkgMjYOCOR+gq/HGsUSxxjCIAqj0AqnblVjGKn7SXMlbp3+ZRTRLGGxuLW2iMS3ClXYMS3THU56enTk0mj6QmkwyKJTK0jZJK4HHtWjWC2liPxUl5Jfxq0hykTNh2GMbR6r3q4tyTTZhUpwpShOENtO1ky/qFr9pt5Ni5kRgV/IZFc+RgkEYI6iusT78n+9/QVS1HTRcAywjEvcf3qyO0wMVlaqupSSBLM7YiOSMD65PUfhWxJE8L7ZUKt6EVhTaxcW968dxAfL5xgYwPXPergnfQ5sTKCjabaT7CnQUuIY5ZpJIb1RgXELkNjnAPrwevX3p1vfz2V4LPV2Dbz+5uQoCv7HsDWsp3ICOhGayPEPmNbomQImPJAGQ3Yj/EVpGbm+WW35HLWw8aEXWoaSW/aXqv13X4Gximn7y1l6fqEqXKWN/wDM7rmCcDiZQM/mK1T95aylFxdmdtGtGtHmj6Ndn2/r1FxW9oo/0E/75/kKwa39F/48T/vn+QqTY0MUUUUAFFFFABRRTPLX1b/vs0AZWsf8esP+8ayK1dYQfZoeW+8f4jWTsH+1/wB9GgDR0y/+zN5cp/dsc5/u1vKwZQynIIyCO9chsH+1/wB9GporieAYimkUem44/KgDp5iBESeAMfzrJvtXZi0dqcLjBfufpWbPdTzRkSTSEdCNxANRbB/tf99GgBazr+Q3k40yB9vmKTcuoyUjx09i3T6ZNSandixtNyK0kznZFGCcsx6d6qaClyIpjehzIz7mkbILH0x6AAV004OEPbP5evf5fn8zhrVFUqLDrrv6dvV/l8jXRVjRURQqqMBQMAD0ro9Pg8iCFSMMVLHj6ViWNp9pulT5toOW5PSujMaiVQN2Np/iPtXMd2xlSa+6eIxpn2UlSQN+fmORncB6e/sas63b3t1p3l6dKYpd4LbX2Fl9Aw5HOD+FU5NZZPEi6b9mcqSBv3tuORncB/d9/Y1teWvq3/fZrpnem4SUbaet/M4qdq0akHO+rXa3kQaZFcwabDHfSebOq4Zs578DPfAwM96tEA9Rn60zy19W/wC+zWNpmnapBqs8t9dvJbsDtXzWOTnggfw4HpWaSnzSbsbOTp8sEm1tft6mff8Aid7iRrfR4WnD7t7GItkYA4x656mqdnolrpS+bazrKZAFdVYHyyP4Tyeea6e10WwtWuDbQeUZMqxVzwCOg54HsOKoQeGIrC1uDHNJK7Abc8YAzge/WuiVWl7Jwhp+vr6HHToV1WjUq2k9f+3fT1OeZhpmoszbVtLtwSeAI5cdenRsD8frWlWfqNzZp/od07AzLjhjwDxnrTtNkd4GhuCxngbY5JPzejfiKynFzgpta/n5/o/kb05KnVdNPR7eT6r9V8+xdf7h+lXLPUJbQ7R80ZPKnt9Kouo2Hr09TTtg/wBr/vo1znYdZBcR3EYeJgeOR3H1qSuRjZoZA8bMrDoQxrdsb6O6OyTcknYbzhqANGmN/rE/Gjy19W/77NNaMeYnLd/4jQBLRTPLX1b/AL7NHlr6t/32aAH0Uzy19W/77NHlr6t/32aABPvv9R/Ks7WLzYn2eMjc33/YVNd3UVmH3Fmcn5VDnniuflJllaRyxZjk/MaAErqbT/jxg/65r/KuV2D/AGv++jXUWka/YoOW/wBWv8Z9KALFFNVApyN34sTTqACiiigAooOccDJpu5/7n60Ac9qv/IQf8Kp1b1Ut/aD/AC9h3qnlv7v60ALRSZb+7+tV7u4eJFjiUGaUlYxnvjr9BVRi5OyAhuUN/ciAErDGf3hH8Z67fpV8AAYAwKgghFtGkaL0zk55Y9yau2du93cCNRgdWOegq6k0/djsv6uIt6TZ+dN5zj5EPHHU1vVFCnkRLHHHhVHHzUrSFELuAqqMklsACshizErbyFRuYKSB6nFZ+jXt5drJ9sg8sLja2wrn2wf51Ygvor2F2tiHC8HnBH4GrCs+0fJ29a0vypxa1AHmijkVHkRXf7qlgC30FZ2q69baTcRxXCsS43EjsM4zRe6Qt7fJcuWUqAGUEc4OR9K5zXZzrV9GlpZs0iKQGxu3jd0/2fr7104ejTqSV9V18iWzS1rwuL2bfbch2LOjtwrHncOPrx71z/iXwvetYtY6dq0ljI7JK8scCN5ijOUAYELk45xxiu20uK8t7PZet5r7iQS+4gemT171X1mJnQShOUAB57GonXqK0b3sOxw8nxC0nwsum3evG4jguCY5LpIC8UJBCkyMv3ckgj1r0DRdc0zxFpMWp6HexXtnNnZNEcg46j1B9jXG2ga31W6t9uUkxOoyOM8H9f5VteF/CegaJeXuraHpMdld6kQbto5G2yEEnO0navJJ4A61FeKjUfLs9V8wWx09Ml+5+I/nWfBfXdrY3l14gWzsooZpSsgn+RYAfld2bABKjJ7DPWrEF9BqFjHdWM0NzbS4aOaGUOjjPUEcGsBluim7n/ufrRuf+5+tADqKbuf+5+tG5/7n60AJH90/7x/nT6ijZtp+T+I9/en7n/ufrQA6im7n/ufrRuf+5+tACP8Aej/3v6Gn1E7PuT5P4vX2NP3P/c/WgB1FN3P/AHP1pskrRxs7IAFGT81AGRrVzvmWFW+VOWA9a2If9Sn+6P5VyksryzNIw5Y5611MTN5KYT+Ed6AJap6tp41XS5rJpDGJlwWAzjmrakn7y4/GloAxbzw79rvnk+1lLaZ4pJ4PLB3tGQVw2eBwMjBzjtRbeHfI1FJWu2ktYLiW5gtzGAUkkzuy2eRlmwMcZ6nFbVFABRRRQBzWo/8AIRm/3qn0i186581h8kfP1NRXsZl1aRF6s4Fb1tbpbQLGg6dT6n1oAdH1f/ep9Mj6v/vU+gAooooAKYn33+o/lT6Yn33+o/lQAi28KTNKkMayN95woDH6mpKKKd2x3bCsG6h0u71Vo412XuSBJztJ7jHTOM9q3qrLp9qt4bpYQJj/ABZPX1x0z71cGle5cJRV73Obmhe3ufLlXDAfnWTf6fFPJIIVhkMqlJ7WUApMh4IZT7V22oWYuwB0dVJU/wBK5V9L8jUTLIWVgc7CO9OnPkbf9MdOfI2/6ZwGg6HrHgnXIbXTb4r4aklkZ9PvBvFoG5HkyfeIyD8p4+bPJy1d42pQidI1y4fHzjpz0pJPtZ1AAAG34zkDGMc++axL7QNRh8SWupaTeKljGpE9h5YJkOeGVzyPp09q1tSl5N+en/A/E2tSl5N+en47fidRaq41iKea4IjUjB5JUD+H6H+pqxqFhdXniKC5tTugJQkrgj5Tzk9RXP23iSyutRaxiYG4jKrNHuBaFm6Bh1GfetqC9NneIUdQzA/IT94UuepTlqulhe0q0parpY6yiobW5S7gEkf0IPY1NXMcoVmate3tpJELO381W6naW59OOn1pup3t/bXsMdnb+ZGwBJ2k7jnpn+HtyfX2rVrVLktJq9zVL2dpNXuMJJ8okYOeR6cGn0x/vR/739DT6yMgooooAKZL/qzT6ZL/AKs0APooooAKKKKACiiigAooooAKbJ/q2+hp1Nk/1bfQ0Ac/o8/k3SKThZBtNdFXIRkhVIOCAMEV1NrOtxbJIpBJHzAHofSgCamRf6lfpT6ZF/qV+lAD6KKKAGRf6v8AE/zp9Mi/1f4n+dPoAKZH0b/eNPqlcX0dpG+SGk3HCA/zoAsXFzFbRlpWA9B3Nc/d38t23zHagOQo7VDPcPPI0szZP6AVjTanJIsstq0MNpAC0l1OcIAAST9B600mzanRlUu1olu3sUvDkBivZiSPuYHvyORVnxF4q0zwxppu9QlZyZFhjggXfJJI3RVUc5Nc1ouoP4r0S8k8LaxEJZY2WKfy8qrdMEcEdRxx2rrtH0r7Bp9vFP5c94qBZJ0j2mRu5A5x9K0na52YxU+duUrvpbb79PwMXwpPqniS1fU/E2jmwEpP2O1lcMREem9McMR1B9fwHdeHfDdjo9v5VpYW9nEp3JBBEI0UnvtXAzV7TdN+z4mm/wBYRwP7tXl/1j/h/Ks22zhnUlO3N0H0UUUjMw7XX45/EsuniNQwJTOecrnk+3/1q3K4bTLGdPiRcOy8LJLI3srA4P8A48Pzrua0qJJqx346lTpTiqfWKfzCmf8ALb/gNPpn/Lb/AIDWZwD6KKKAMi5vr6PX4reK23QHA3bTyDjJz0GPT29616Yf9cv+6f6U+m2aTkpJWVrfiFMb/WJ9T/Kn0xv9Yn1P8qRmPooooAY/3k/3v6Gn0x/vJ/vf0NPoAKKKKACiiigAooooAKKKKAM3WP8Aj0f/AH1/kawq3dY/49H/AN9f5GsKgAoPQ0UHoaAEX7i/SlpF+4v0qrqOoJYwqBhriY7IIs8u3b8PU04pydkRUqRpwc5uyRBqV7OJlstOUNcyDJc9Il/vH+lWra2SztoYIxwnfHU4OTSWNmLSE7iHmkO6WTH3m/w7CrDfeX6/0NXKStyowo05czq1N307Lt693/kLRRRWZ1CgZOBya39KtDbRuXH7xyCfbjpUWk2KpGtxKvznlQew9a0V/wBY/wBR/KgB9FFFACN9xvpQn3F+lDfcb6UJ9xfpQAtFFFADH+/H9f6Gn0x/vx/X+hp9ABWTe6BDe6rHevK6lSpZAPvbTkc9qjuNBkm8RJqQucKpU7cfMMD7oPoe49zW1V35NYs5eX26casNE9Nd/M4GTVddi8bzQ2yyzIJWzFyQU6DK9FHT5vfrXfVz0PiUf8JVJpU0Qjy5UFiQRxwT2wccf7wroa0rN6XVtDnwEYr2jjUcvee/TyK929p+7gvJIlMrYjV3ALH29Tz29ayr7w+jx7k2S7ckLIoOPpVLWtD1DU/EscuD9jwiMysANnUg988tjHqK6hz+7b6GolFRSaZ0Uas6k5xnGyTsvM5R43ibZIpVh1BqtdWcV5GFl3DacgqcEV1l3Yx3kIz8rgfK1c9NC9vKY5Vww/WoTsdMoqSsylNYQTWa2zKQiYKEHDIR0YHsRUVhdtJi2uji7h4kBGN46Bx7Gr1Y2vL9nkt763AFzG2AcfeXHKmtIe97rOPEfuf30Ftuu6/zXT5rqaC6hA14bYFt+SM44JHauo0X/jxP++f5CuUshaXipfwRrukHXuD349a6vRf+PE/75/kKiSs7HRSk5R5m009rdjQoooqTUKKKKACiiigDH1j/AI9Yf941kVr6x/x6w/7xrIoAKYJojMYhIhkUZKBhkD6U+qUemRx6gboOxO4sF9Cev8zVRUdbkSck1yojg1J7i+ltjDtCE89xg9/rV24uIrS3ee4cRxoMsx7Uy8uY7SzknnJEcYycDNZcFlPrFwl5qsZS3Q7oLQ/+hP6n2reFOM/flpFfj5L+tDlqVZ0/3UPem/uS7vy/F9PJ+l3KalqEl267WVNsKMBkIerfU8VsgFmCqCSTgAd6ggtILZmaCMIW64rb0ez3v9okHCn5AR1PrWdWanK8djbD05U4Wk7vq+5oafaC0tgCPnbl/rU5/wBcv+6f6VFfxTT2E0drJ5UzLhH9DXHG/wBd0yY6WF865kI8pi5dtpxkqT1xzyeBz6VdGg6qfK1f+tTLEYpYdrmi7Pqu/Y35P7a/4SRdn/Hhkf3du3HOe+7OfbpW1Wfoo1AafjVf9dvOMkE7ffHGev6VoVFV68ummmnU0w8fdctfe1s+nkFYul2Gq2+rTzXt2ZbdgdqlycnPBA6LgelTW3iHT7vV5NNhkJuIywIxwSvUevHPUVqU/fpJxa37i/d12pxlflfR9fMYn3pP97+gp9MT70n+9/QU+sTpOJ13w/BLrAlcsoUDAHcZz/PNUtUWWymXU7VQwQBbhAuS6Z6j3FdlrFr5tv5yj5o+vuKwa2hWlFq+q7eRzVMPGcXy6N638+jI0lSe1WaI7kkQMp9QakrLQjS7w2rHba3GWgyMBHJyU6d85H4itSpqQ5Xps9i6NRzj73xLR+v9aryCiiiszYv2uqzQHEhMqejHkfjWtDeQXUieU/PPyng1zVAYpIrKSpGcEGgDr6K5yLVLqJcb94/2hmrP9uy/88U/M0AbVVru9itIzuIL9kB5NY02q3UuQG8sc8KKpkkkknJPUmgB01xJc3DySnJJ49qZSL95vrS0AFdTaf8AHjB/1zX+VctXU2n/AB4wf9c1/lQBNRRRQAUUUUAFFFFAHOar/wAhB/wqnVzVf+Qg/wCFU6AGSypDC0khwqjJNVbGCQyveXQxNIMKoPCJ6f1pZD9ru/JU/uoSGkwep7D+tXK3v7OHKt3+QhD99fxrotKtfs9ruYYeTk+w7VlabaC5u1MgyickY4PtXR9OlYDCmyxJNC8Uo3I6lWHqD1p1Rzxma3kiDshdCodeq5HUU1uBXtNOg0+CVYNxL8szHJNVZtIkn1iG+FxtVNpxjkY7A+h7/U1JpemNplrMjSB9/IVRhRx6Vm3mq3sPiSG2iz5G+ND0xhsZz3711wU5VJckr6bi6G5Nf2tvOkM0ypI/QH+vp+NSJBDFI8kcSI8nLsqgFvqe9YVnaz6nqTzapavH5YGOCoyDwv8AtDryK6GsasVTtFPXqAVXuYvPjljxktHxn17VYpn/AC2P+6KxGefau/2W6tbxQpILRnsTkcc+3Nangu7ujNMl2XMcoBTdn73f/PSm+LYFijnBbG/EiDrk5zj8wabZXHm2sM8fykqCOOhrslK+HWnl+q/UXU667tLa/s5bS+t4rm2mUpLDMgdHU9QVPBHsa89uPhDY6Nqqat8PL6TwtdM6i6igXzYLpN4JDRscDHOMYxnjFehWlwt1bLKvUjDD0NPl+5+I/nXGMzta8RaZ4djs21i5aI3lwtrbhIXkaWVgSFCoCcnBrUorjfF3hrxZqF1LqHhbxfPpsqRr5Onvbxvbu68/MxG7DdDg0AdlRWRb6pJpXhmK/wDGl1p2mzIo+1SifZbxsTgAO+PUDnGTWpDNHcQJNBIksUih0kRgVZSMggjqCKACP7p/3j/On0yP7p/3j/On0AFFFFADH+9H/vf0NPpj/ej/AN7+hp9ABWfrE/l2ewH5pDj8K0K57Vrjz7wqp+WP5fx70AUa6yH/AFKf7o/lXJ11kP8AqU/3R/KgB9FFFABRRRQAUUhYKMsQB7mm+bH/AM9F/wC+qAKVtbbtVuJ2XhThSfXFaFMEkQzh0GeTyKPNj/56L/31QAR9X/3qfUSSxgvl1+9607zY/wDnov8A31QA+imebH/z0X/vqjzY/wDnov8A31QA+mJ99/qP5UebH/z0X/vqmrLHvf516+vtQBLRTPNj/wCei/8AfVHmx/8APRf++qAH1GLiEzmASoZQMmPcNwHril82P/nov/fVZyaXbJqpvRcc7i4TIwCRj+pq4qLvzMuKi78zNE/64f7p/pUN3ZR3iAP8rDow6ipDLH5wO9cbT3+lYEbW3/CVl/tR3bj26nH3c56f4U4Q57+RVOnz38kWJdElXJikV+eh44rOdGjcq4KsDgg9q1pdQvF1xYEjU2xI+bHBGOTu6DBzx7e9WbxbC4dY5polmb7vzgMf8aUoNWJlBq3meT+I/CkN34ws9e0G5Gma1CypcSiPKXcfHySDucAYPbj0GNoXVtNr0VneypbX7J5iW5kGZVU/eUdSK0r029rrRhkjDOpA80HgkjI4/EVV1LQ9L1O/tr27t4WvLZWEFzgb4s+hrZSUUk1a/U3UlFJNWv1NqCeS2lEkTYP863bHUY7pQrkJL/dz1+leYn4g6HpniN/DuvXn9n38aoY5rpTHDcqVzuSQ/L2IOcfNkDJrqxKoIKuM9QQa52rOxzNWdjsKwvENxrEM1uNJjdkP39ibuewPoKoSavqBuIljnURj+Ljrn+L26dPeupE0RGRIhB7hhWsGqbU9H5GsGqbU9H5GVqeky393azef5ZQAEf3Dycr6H/AVsVE8se5PnX73r7GnebH/AM9F/wC+qiU3JJPoRKcpJJ9CpqeqJpvlho2kaTOADjAGM/zFW4ZVngjlTO2RQwz6EZpkotp1CziKRQcgPggH15p/mx/89F/76objypJag3HlSS1H0yX/AFZo82P/AJ6L/wB9U2SWMxnDr+dQQS0UzzY/+ei/99UebH/z0X/vqgB9FM82P/nov/fVHmx/89F/76oAfRSKyt90g/Q0tABRRRQAU2T/AFbfQ06myf6tvoaAORX7i/StLSLrybjyWPySdPY1mr9xfpTulAHXUyL/AFK/SobC6F1aqxPzjhvrU0X+pX6UAPoopHdY42eRgqKMsxOABQA2L/V/if50+qljfW15Az28oYKx3ZBBHPoaztQ1RpWMdsxVAeWHBNGw5RcXZqzLGo6p5eYbc5fozD+GsQMXZmYliWOST1orgvFupeJ9Y1KXw34QsJLcZUXesTgCGFWBJCDq7Adh0JGcU0VCKk9XZGz4h1qxsNLfUtWnli0yNxEBACzTuzbQAB1Gfzp/iHwdD4xs7GxmuLqPTInEtxYQKUF0owVV/wCIAHnH9QMdF4d0e5GnwWt1dm6a3QJJcFAhk9PlHAOPSuriiSGMJGu1R0FNu+hdSq5rlWkVsv66nm3hHSJo7qW2t7TyI4IxFsCbFiwQAuO2MdPau+sdMS1Idzvkx1/u/Ssfwxdzz39wJp5JAybxuOd3I5x/D16D19q6anU+I3xyarNegUxf9Y/4fyp9MX/WP+H8qg4h9FFFAHHafGg8ezYut215GCZ6kg5GO2Mnn2967GuB0pMfEmZv+m838mrvq1q7r0PUzKPLOGt/dX6hTP8Alt/wGn0z/lt/wGsjyx9FFFAGXcazFBrUdmY2JyELg9C2McfiK1KhaGJryOVokMioQrlRuHTv+Jqam7dDSbg0uVW7hTG/1ifU/wAqfTG/1ifU/wAqRmPooooAY/3k/wB7+hp9Mf7yf739DT6ACiiigAooooAzte+3/wBizLpKk3bFVTDhMZYZOTwOM+v0NYSXV6ZoNIkurq3na6KTy+cshUeUXUK20dcD+H1rqLu0gvrZoLqMSRtjIJx05BBHIPvVRtA017H7I9tui3+ZzIxbd6787s9uvTikA3w9eTX+hwT3J3SfMpbH3sMRn9K0SXzwo/76pIII7aBIYEEcaDCqvQCn1TAy9XLfZG+UffXv7Vh5b+6Pzre1j/j0f/fX+RrCpAJlv7o/OkJbHQfnTqRiApJOAByaAK9zdrZ2ZmlAwBhQDyx7Ae5qvZ2DC6a/vFV7uQYHJxEv91c/qaZaSDVbpbhGza25xH/tvjk/QVqVq7wXL16/5HHBLES9o9Yr4f8AP/L7+omW/uj86axbcvA6+vtT6RvvL9f6GsjsDLf3R+dX9NsHuH8yWP8AdL0+bG41BaWz3U4jUHH8TY6CumjQRRqicBRgUAGX/uj/AL6/+tTFL73+UdR/F7VLTF/1j/UfyoAXL/3R/wB9f/Woy/8AdH/fX/1qdRQAxi+w/KOn96kUvsX5R0/vU9vuN9KE+4v0oATL/wB0f99f/WrFvr7WItchgtrTdbMVywUkEdyW6Lj3rcoqotJ7GVWm6iSUmvQicvvT5R1/vexp+X/uj/vr/wCtSP8Afj+v9DT6k1G5f+6P++v/AK1RPdxxzpDJJCksn3I2lAZvoO9T1i3Gl6fqWteeLsGeEqZIUcE/KcjPcVUUnuY1pzilyJN36uxV13RZ7mb7bpyN9rWVGYLIBuAHBGeMg7fwFbNh9sWwhF8FNxt+chv881X1izu76zeKxm8qQShjliu4bemRyOx/Csa712606O30y3Z7i8Q7JZRHv5xkKB1P1xWqUqkVFHDOdLC1pVJJpP7m/TudVl/7o/76/wDrVyF2D4e1x7uUtOLhXbCnBwT3PfHYV1do80lnC90gjmZAXQfwnHIrFh1R9R1iayurBCkJYqzLkoR0Jz69qVO6v26mmL5ZqGtpX93Tqbkbs8SsEGCoIy1Y/iCe2t0je4dY5Two5JYfgOnueK21+6PpVLUNItNTaNrpWJj4BVsZHofas48t/e2Our7RQ/d2v5nOBiRkAEfWmSoJcLLGrrno3Iq7e232S6aNRhOqfSqx+8tSabrUz03WOqeXtxDd5KDnCyAcjpxkc/ga63RS/wBhOFH3z/F7CubvrUXlo0W7Y+Q0b4zsccg/nW54WvPtWmyLIFS4hlKzRjPynseex6itH7y5jmp/uqjpvZ6r9V+vo/I2QX7qP++qdRRWZ1BRVLVdUj0q1SV4ZZ2kkEaRRFQzMfdmA7HqaqXHiJbW3gebTrzzpleQ26+UzxxqeXYh9uOR0JPPSgDYopkM0dxbxzQtvjkUMrDuDyKfketAGPrH/HrD/vGsitbWGH2aAZGdx4zWFdX1tZRGS6nSJR/ePX2A7mqjFydkiZTjBc0nZFb+zW/tX7X53Gc7cc9OmfSnalqsGnIAx824fAjt0OXcnpx6e9Um1W91T93pFu8MbA5urhdq4zjKjvVyw0qCydpnY3Fy5y08mCx+noK63BQs6+66dfn2/M86NWVW8cKtHvJ7fLu/w/Ighs726lW41cxYQho7ePkIfUnua1qa5+Wquk22pz6hIk/KEcHIxnPUY6DGevtWEpOrq7K3T/I6qcI0bRV3fd7/AHmpbWUt5vEXykKcMegParvh+PU7aGVNXO1BgRBmUn36dunv1p9zqll4fihgn8x2fLEooOB3Y8/y5qDW/D669NFL9q2R+XsKlc8HnK+h5/QVpTjaNp6KXW19uxlWk3Pmpe9KP2b2Wvch1TxbHZXiC3WK5t8AtIj7txzyFI4yP61q6dqkGqr5tuHXYWVlcYIPB7cdDXOXE0Xhm4a0eL7Rb3AUyvKPvjkYUD0/HrXQaS+mtCp0naIctuABBB46g8/nWtenTjTTjF+vf1MMLWqzrOM5rzj1Xp3X9eZpUUZHrRketcB6pi2fhizs9dl1SNnMsjM209AW6/zNbVGR60ZHrVzqTqO8ncypUadJNU1a+oxPvSf739BT6YhG6Tn+L+gp+R61BqIyh0KsMgjBFctcReRcPH/dOK6rI9axtbhAZJl7/K1AGDfWwurOSIkqSMqw/hI5B/Oq2namZ5ns7tfJvIvvIeA4/vL7Vfc/IfpVa+sxcqJIW8u5jBMUgPQ+h9jW9OUWuSe3R9n/AJdzlrQmpKrT36ruv810+4t0VUsb9btWRh5VxEds0LHlD/UHse9W8ispRcHZm8JxqR5o7BSH76/jS5FNJ+daksdRRkUZFABRRkUZFACL95vrS01T8zfWnZFABXU2n/HjB/1zX+VctkV1NoR9ig5/5Zr/ACoAmoozRQAUUUUAFFFFAHOar/yEH/Csy8maKELF/rZG2Jx39fwHNaeq/wDIQf8ACsi3/wBKunujyiZjh6dP4m/E8fQe9a00viey/r+vIRPbwLbwiNOccknqT3NSUVNaQ+fdxx4yC3P071m227sZtabb+RbxEjDPlj/Sr9U57+0tryG3llVHbouDx6ZPQfjVyhxa1aAKjnmW3tpJnBKxoXIHUgDNY/iDX30aWBI4Fl8wEksccDsPetpG3xq2MbgDitHTlGMZyWjEUdP1NdSgmIiMbR8EZyOR6057uwS/iimMf2rACEpkjPbdjjPpnv71aEMcMLLDGsa4JwigCqz6VazXiXbqfNXaevBI6Ej8vyp3puTeqQal2gkDqaKy9V0c6lcRSC4MWwYxjOOeo9D7/SogouVpOyGalYzjWE1iZ4wrwBCUUsAG4O0euc49utTaumpN5P8AZp4yd+CAc9uvbrV+PduHmYL7Bux0zVx9yPNo7/gI4u80y71ORr3UBIihgvzRlD06AHoOB+ZqvpB8oT2hYHyJCF55wa7fUYvNsJVGcgZAHfFcRcE2msRT8+VcDynPo3auhVHWUoeWi9P+BcWx0GmXwtZSkpPlv+h9a3ZCDHkHIJGCPrXJ1s6ZeeZD5EhJdSCue4zXCUa1FFFAEF5ZWmo2rW2oW0N1AxBaKeMOpIOQcHjggGsfxWvir7PaSeDH00zxy5uINR3BJUx0DKCVIPPSt+igDhPCXj7UdQ15fDfivwvqOiayY3lWRYzNZzBQpYpMuQOXA54HAJ3ELXd0yP7p/wB4/wA6z7HSrm01m/vp9Wu7uK6I8q0l2iO2AHIXAzyeckmgDToridI+Kuh6j4kbQdStdS8PaiwBtotbtxbfbMvs/dEsdx3YGOCc8A4OO2oAY/3o/wDe/oafTH+9H/vf0NPoAqajdG1tSUxvb5V56e9c3VzUrr7TdHafkThf8ap0AFdZD/qU/wB0fyrk66yH/Up/uj+VAD6KKKACiiigAooooAKKKKAGR9X/AN6n0yPq/wDvU+gAooooAKYn33+o/lT6y9O1hL6/mgWFkwCysTnIGBz6dapRlJNroVGEpJtdDUoooqSQoqNbiF5mhSVGlX7yBhkfhUlOzQ7NbjD/AK4f7p/pWYlxpp1wosJF1kr5m3gtjkfXHfH41pn/AFw/3T/SsxLnTTrpjWEi6yV83bwWxyOvX3x+NaU+u+3Q1pfa326GtXO6lZ3EniSGSOB2jLISQPlOD1J7Y/WuiopU6jpu6FTqOm7oxry9s5dXFnPab3ysfnYG5SRkY745/nWRq+hvDqUc6y/us8eox2rrTDGZhKY1MgGA5UZA+tZd/owvdViuGmwoxlCM9PQ9s1cZRvppp6lRlFvTTT1OW1vQdM8R6a9jrNnFdQMDgSKCUJGMqex9xWCL2bwvPpOhWtlfXMRK28LQrvVUA+9IzNwMe/bAHQV3eo2X2OYFcmN/uk9j6Vzmo2TXOoLmFmRsZIH9e1Oi43cZbDouN3Gexr1as7+W0bC/MhPKmvPPGOva94OjtLyCybUdHhY/bJIsmWFOMNjuBzn2x7kdhp2o2mrabBf6bOlxa3CB4pU6MD/npWc4cr0dzOpDkejudZBfwXRj2ttfdyh69D+dXK49vvL9f6Gtey1fYojuskDo/p9azMzZopEdXUMhDKeQRS0AFMl/1Zp9Ml/1ZoAfRRRQAUUUUAFFFFABRRRQAjOF67vwUmo5JV8tuG6H+A1LTZP9W30NAHHq42jr0/umnbx/tf8AfJoX7i/SloAltL02k4kUEjoRg8iuhtLuKe1R4yx4wRtPBrmadbzSQANE7IcdjQB1Xmr6N/3wf8Kq6leWtvp073gYw+Wdy7TlhjoKx/7Ru/8Anu36VUuT9oiZbhywcbCWPrxj9aCouzTKmmalDcwyraJLEm75gzbi3pkisfxN490PwrLBbX0k9xf3JAt7CzhMs8uWC8KOnJ7kZwQMnir9lDJp9+ltBZSSW0yM0l2JECxsDwpUnccjPIB6c0220DQtE1K+1q2sYLa8u/mubkAln5z19z2HXiqer0NarVSq3DW5FrNtHrFvp8sNxf20qyrNB5ReEkkdJFIzjB5VhWtZQiKJIIgSc4Hy9SagsEec/bblAskg/drnOxP8TXRaHaEs1y44BIT+poemg6vuL2S6b+v/AAP8zRtY47W3WNA3qTsPJqbzV9G/74P+FPoqTnOK8GS3n9q3xu2JEg3PgZ3Pu6jHUcnkcc12Xmr6N/3wf8K4bwG7tq10HbO2HHXP8QrvK1q/GepmqtimvJfkM81fRv8Avg/4U1ZF8x+G7fwmpaYv+sf8P5VkeWHmr6N/3wf8KPNX0b/vg/4U+igDBttEjt/EUmohyclnA8s5y2cg+3Nbfmr6N/3wf8KwLTW7ibxVJZMmItzRg7ePlzzn14roquV+p1YpVVKPtXrZW9Bnmr6N/wB8H/Cm+YvnZw33f7hqWmf8tv8AgNQcoeavo3/fB/wo81fRv++D/hT6KAIjIvnKcN90/wAJ9qd5q+jf98H/AAoP+uX/AHT/AEp9ADPNX0b/AL4P+FNaRfMThup/hPpUtMb/AFifU/yoAPNX0b/vg/4Ueavo3/fB/wAKfRQBE8i7k4b7390+hp3mr6N/3wf8KH+8n+9/Q0+gAByMj9RRRRQAUUUUAFFFFABRRRQBm6x/x6P/AL6/yNYVbusf8ej/AO+v8jWFQAVmXw/tO6bTkYiBFDXLKRnr8qdeM4JPHTHrUuqXz2sKRWw3XU52QrtyAfU+wqaytfsdmIy29zlpHx99jyT+dax91c33f5nHUarzdBbL4v8AL59fL1JYI0ht0jiUIiqAFA6U+kX7i/SlrI60klZBQqNJNGiDLM2APworV0m0IdLlx3IT8jk0DNKztEs4dick/eY96sUUUAFMX/WP9R/Kn0xf9Y/1H8qAH0UUUAI33G+lCfcX6UN9xvpQn3F+lAC0UVQ1mzub7TzDZzCKTcDySAw9Mjkf/WppXdmRUk4xckrvsXH+/H9f6Gn1S062mtLC1gupfOlTO5sk+pAyeuBxn2q7Q9GODcoptWEYlUJAyQM49a4/w60aahe6heI0CRAtk5xHuPKnuT/nFb+uT38FgG0xC8m8Byqbiq4PIHfnA/GpYIpL/Rkj1WIB5U/eJ0+n0PQ1rF8sHfqcNaHta8Ut4a6rR9tTKn8W2kVyFto2uEYguwypXtgAjJPHQ47etVfEnh24utUi1DS3/wBIUjeiEK/HcEkD61r6XbaVE0sFl5Mrwybjlg7K2AM57dP0ph0HPiD+0vtTYzu8vbz0xjOentirjKMJXjp69TCpQq4iny1bSu1tpy92n1NK0E62cIuyrThB5hXoWxzUkn+rb6Gs/UdetNLuo4LgSFmXcxRQQi5xk8+x6ZPFaEn+rb6GsGnu+p6VOcG3CLu1uKv3R9KWkX7o+lLUmpn6vbCW080D54+eB1Hf/GufP3lrr2UOhVhkMMEVwupX39n6oto0TMQeW6cHgYHemk3sROcYK8i5W/ov/Hif98/yFYFb+i/8eJ/3z/IUizQooooAzdb09tQtYlWys70xSiTybxiqHgjOQGwee6msceHNSto45LH7GJHjnikgaRhHCkjBgEIXnbjGMDPt0rqqKAK+n2gsNNt7RW3CGNU3Y64GM1N5af3F/KnUUbgcb4o8PfbriG6W8khBypVBzx6HtVC20DT7eTzPJ82XOd8x3npjvXU6x/x6w/7xrIrf6xV5eRS0OT6nh+d1HFN766/nt8jO1mWWDT2a0A8zcM4HIFJY3fl6RFPqOEZiRyuSeTjgdeKf/Zn/ABNPtfnHrnbjnp0z6e1R69LHDp6mVA2ZAATn5Tg88fl+NVHlklTWv9bEy54uVVu1lt09TQiCXUaG3AcPjbgda157my8O28QuInklnzlY1BPHU8kDAyPfmsnTb200zQba+uYmHnfLDHHgng8nkj+ddJJBZazYwyyRLNGy74y4xjIqVTUJXmny3KdV1IctKS57JhJZafqkMM8kEcyYDxsVxwef8irYjQDARQPpWNoMGsQTTDVGHlAAINwIJ9Vx0X2OPpW3U1Vyy5b3SNKEuePO42b30syG4tILq3eGaNWRxhhiq9jpdrpoEVtHhWyzFjkk8Veph/1y/wC6f6VHNLl5b6GnJFy57ai+Wn9xfyo8tP7i/lTqKksb5af3F/Kjy0/uL+VOooAjRE3P8q/e9PYU7y0/uL+VIn3pP97+gp9ADfLT+4v5VHcWsdxA0bKo3Dg46GpqKAOPmi8oujKAy5B4o2r/AHR+VaWu25SXzgPldcE+4/8ArVnUAZ1/pYluEvbPbFeRdD0WQf3W9veprC+g1CEtGoWRDtkiOMo3p/8AXq3WXqOmSNN9u0xhFeqOQfuyj+63+NdMJRqLkqO3Z/o/L8jiqQlRk6tJXv8AEu/mvP8AP1NPav8AdH5U0qu5eB+VUtO1UXkr21zEbW8j+/AxzkeoPcVfP31/GsZ05U5csjopVYVo88Hdf19wbV/uj8qNq/3R+VLRUGom1f7o/Kjav90flS0UAMCrubgdfSnbV/uj8qF+831paAE2r/dH5V1FpGn2KD5F/wBWvb2rmK6m0/48YP8Armv8qAJQqr0UD6CloooAw/EV3qkE1nFpNtdzCQuZWtY4mZQAMcysFGc+ueKzbjxBdvbzXVhdboLGyiuGEkIBuCxbIb+79zt3Jro73To74ozy3ELx5w0EpQ89uKqS+GtNmaLMToscaxFEkIWRAchWH8QBz19TQhmor7ow4BOQDik3t/zyb8x/jT6KBHE+INUie8mht2YuRhiP4B0PPc9qbZzxy248iNwqfJg44x+NW9Q021i1Sd0iGXHzZ96jjiSFNsShV64FbzlT5eWAhdx/uN+lauiRNvecxMQBtXp+PesutbVL46DosTQp5jM4QZHQkE5x+HrWcIOclGO7GWLqwtri9juZ4X3r/tAA46Z5qHUxqsl1C2nAiLHPzKBnPU88jp096xLW6m1OBItTuzD54DRhhu5zjnHQH0JFdRY2y6fZx2zS7yM4J4zz2FdU4yotczu106C3KeraU2pvE254/L7EA/iOeD71pKzKoXy3OBjJI/xqSiuVzk4qL2QzGl1a5GsGz+yHyzxn+LGPvemK1Vdto/dt09R/jTn/ANW30NKv3R9KJSTtZWAbvb/nk35j/Gje3/PJvzH+NPoqAGb2/wCeTfmP8abvbzj+7b7o7j/GpaZ/y2P+6KAAsWUgxPgjHUf41xeq2hngmgEbq6klOQCGHTvXb1z2rxeXfFgMBxnr1qoScJKS3QGPYXRurCGYqxLL8x4HI4P6irKzPEyugIZSCDxWdpw+y3t1ZHhQ3mxDB+6eo+gPH51ov938RWleKjUfLs9V6MS2Ols74XcIZUbeB868cH86sb2/55N+Y/xrl4Jnt5RJEcEfrXS2t1HdxB4zz3U9RWIx+9v+eTfmP8aN7f8APJvzH+NPooAijdtp/dsfmPcev1p29v8Ank35j/GiP7p/3j/On0AU7mxs72eCa806K4ltm3wSSxozRNwcqT908DkegpHjvm1aKdLhks1iZXtvLUl3JGG35yABngVdooA5S7+Ieh2Hjb/hGdVabTb3aklvJeKscN5v4xE5OGYEgEcHPTODjY1W/aGPyURg7jk5HA/Oqni7w/oXiTRmsvEllFd27gqNy/OuRnKN1U5AOR6CuYvBeaHoMMPh7TW1OSErGkE97sO0nlmkfcTjr3JoA1dx/uN+lG4/3G/SqlxqtlYzWsGo3dva3F1kRRvKB5hUZYLnGcCrlACbj/cb9K6uJ2EKfu2PyjnI/wAa5Wush/1Kf7o/lQA5WJ6qV+uKWiigAoqhNrNpBqIsSLh5/lyIraSRVz03MqkD8TRDrdhPqLWMUzGYMyAmNgjMv3lVyNrEdwDkYPpQBfooooAKKKKAGR9X/wB6n0yPq/8AvU+gAooooAKiiijSaVkRVZiNxAwTx3qWmJ99/qP5UAPooooAz4NHgt9Ra7R3LMWYKTwC3X+daFFFVKTk7sqUpSd5DD/rh/un+lYceq2LeKmtFsiJ9xTz8jlgMnj8Otbh/wBcP90/0qIWFqLw3QgQTkYMmOaunKMb83YunKMb8y6FKW51JdcWGOEm1yPm28Fccnd2Oc8e1atZUseqHXFaNv8ARMj+IYC45BHXOc/pWrRUtZWtt0HUtaNrbdP1CsS/lvV1+2jhnjWNsYUuBx3yOp9sVt1nXWkQXOpxXTs4YYJUHgkdKKUoxfvCpSjGT5iPVNFGpXUcrTlFVdpXbnvnI9Dz+grNvLVrW4ZCDtzlT6iunrJ1DU4o79LKW2MivgFs4Iz6Dv8ApQuepaK6AueraK1sYrKrqVdQysMEEZBFc/rVpqul2KzeELe1kuFkUGzuJDHGyZwduPukD/PauuvdNktWLKN8XZvT61j3lj9rZD5hTb7Z/wAmlTk07X0FTm4u17JiWl+l0qB8RTqcPCTypxz9R71cri/H3hrUta+xXOgXUllqdiS9rKpPlyscZSQdwQo57c+4rZ0bUdUj060TxNax2t5JGPMaKTegfH3c/wCfqep0dNT1p/d/kaump60/u/y/q51FhqD2jbWy0RPK+nuK3obiK4XdC4cd8dq5MsAMkgD3NSwzyW8m+JtrVznMdXTJf9WayG8S29vGv2pH8xjgBADn1PJGP/r1oy3luLFbhplWKQAqzHGc9Krlla9iuWVr2LNFIrB1DKQVIyCO9LUkhRRRQAUUUUAFFFFABTZP9W30NOpsn+rb6GgDkV+4v0paRfuL9KWgApE+4PpTZpo7eCSad1jijUu7scBVAyST6VyegeNZfFHimW28P2K3OgWcbJc6s7lVkn4wkIx84HOTwOc54G8A6n7Xbi8FoZ4/tJTzBDvG/bnGcdcVxDeB9a17UDqHjXWVmWBt1np2nO8VvERJuVnbgyH5V6gYwevWuwGj6cNabVxZxf2g0QhNzt+fYDnbn05q3KiyQukn3GUhue1A1uU9LeV4HaZww3cfMCR69KPl1G6zy1rD04+WR/6gfz+lULaBrtnhtXdbTd+8mPWT/ZX29624o0hiWOMbUUYA9K0fu+p3VUqLb+0/w/4P5epJGhkkVF6sccCuntYlgg8tOikisrRYN8zTMAQgwPrWxH0b/eNZnAPooooA4/wdo8+nandPMjKAnlncMYOQce/TqK7CuM8F+X/a19su2m+X5cqR5gz985/zzXZ1rVvzano5k5PEvmd3p0t0CmL/AKx/w/lT6Yv+sf8AD+VZHnD6KKKAOVsdZhm8bz2i2MaNueMSg/NlQcn8cGuqrktPW6Hjy4drcKpLhn2/w4O0/jgc+/vXW1pUtdWO/HRjGcOX+VdbhTP+W3/AafTP+W3/AAGszgH0UUUAMP8Arl/3T/Sn1k3GsrBrkdl5DMDhC+7u2MYHcdO/r6VrU2mjSdOUEnJbhTG/1ifU/wAqfTG/1ifU/wAqRmPooooAY/3k/wB7+hp9Mf7yf739DT6ACiiigAooooAKKKKACiimlAT1b/vo0AYfiTVLWwtitxJh2IYKBkkf0rEh1CCaze5GUSPO/fxjAz/KtvxBpdrdw+ZcRl3RgoO49PQ+tcnbRrqdy6QqF0uBsAIxHnScZz/sj9T69tYxi1ftucNWrVp1OXR32X6vyXX/ADaLmnxNK731wm2Wb7ikglE7D69zV89DSbPdvzpCvHVvzqJS5nc6qVNU48v9N9xV+4v0qhYX89zdSxyw7FUZyAflOeh9f/rVdVflHJ6etO2e7fnSTVhyi2007WJ7W3a6uFjT8T6Cul2CMQoowFOB+RqpplkLe1DNuDvyeTxVp0G6Plvvf3j6GkWS0U3yx6t/30aPLHq3/fRoAdWNrkOpzKn9lMww/wC8VHCseBjk4469/Stfyx6t/wB9GmKg3vy3UfxH0qoy5Xczq01Vg4NtX7C2wmW1iFyytMEAkZehbHJH41JTfLHq3/fRo8serf8AfRqS0rKwrfcb6UJ9xfpTGjG08t0/vGhYxsHLdP7xoGSUU3yx6t/30aPLHq3/AH0aAMW30q+h8SNeS3Qe3ZmIXcckEHCkdAB657D1rcqldXdpaTRJc3KxM5JAd8Z4ptjqNlqLOtpOzmPqDkceoz1FXLmlq0c1P2NF+zjLVu9r6l+im+WPVv8Avo0eWPVv++jUHSZml6Fa6ZfTTwNIWI2KGPCKcEgfkOvpWrWHrkmpw+X/AGUshBc+YyDcwOBgY9OvPsK1oEka3jM+VlKAuqscBscj86uV2lJs5qPs4SdGEbW+7UbcWFrdSpJc28cjx/dZlzipDIjxuEZW2gg4OcVyev6hqB8SQ2GnySxr8qZ34+dv4sfxLyPpg8VraV4eXSXnk+1PNvXAGNuB788n34q5QtFOT9DCnifaV5Qpw0Ts3t/w5sr90fSlpixjaOW6f3jS+WPVv++jWJ6A6ud1y3VdRjlKA7hkE88/5xXQeWPVv++jWdrNt5lqrAsShz97tQBh1v6L/wAeJ/3z/IVz+z3b863dFQGxPLffP8R9BQBp0U0IAerf99GnUAFFFFABRRRQBj6x/wAesP8AvGsitfWP+PWH/eNZFABU1tpUWqyCK5UmJDuYgkEHtz/nvUXXpXSafbfZbRVP32+ZvrTTad0JpSVmZus+G7bUdLgtI2EKW7ZQFN4565GR/OovDen6tp0zQ30ha1ji2JlwQxBGCo7DGeuOorel/wBWfqP50+t/rFT2bpvVHL9Tpe1VaOjXbqYuvavd6ZJAtpbCUSZyWBOT/dGOhPr+lbKMWjVmG0kZI9KxPEUWrv5T6QzbUUlkRwpLduvUe1P8Pape6jHML+BUMe3DqhUMTnIwc8jH61UqadFTjbTfXUzhWccTKnK+u2mm2tmaV9dCxsZblkZxGu7avU1S0bVv7Xi87yfJZCyEbtwPQ8HAz19K1CAQQRkHqKjVEjkRY1VF2nhRgdqxTjyNW17nU4z9opKXu9v+CSUjOqKWdgqjqScUtUNZ0v8AtaxFv5xhIcOG27h3GCMjI59euKmKTklJ2RVRyUW4K77CwaxY3N81pBOHmXPABwcdcHofwq9WTpPh2y0rZJGGknUHMjE9T1wOg61rVdX2al+728zOg6zheskn5DE+9J/vf0FPpifek/3v6CqWqa3ZaQubt23bS4RFLEgfy/GojGU3yxV2aTqQpx5puyNCisrQ9b/tmOYm38kxEdH3qQffA546fStWnOEqcuWW4qdSFWCnB3TKuowfaLCVO+Mj61zZBBIIwR1FdXL/AKpvpWLq1l5Mnnxj5HPIHY1BoZtFFFAFHUtLj1BFZWMNzFzFOn3kP9R7VTh1S7tLmK31yGOPdwlzG2Uc+h9DW1UN1bxXcRhuEDxuCCprohWXLyVFdfivT/LY46uHfM6tF8svwfr/AJrX8iaisZdN1PTnK6TdRSW5yRDdhjs6dGHJ7/8A16WHxBHGBHqsMllOOG3qdhPqG9PrVPDuSvSfMvLf7v8AhyVjIxfLXXI/Pb5Pb77PyNiimxyJKgeNldT0KnINOrl2O1NNXQi/eb60tIv3m+tLQMK6m0/48YP+ua/yrlq6ewkSWwhMbq4CKCVOcHAoAsUUUUAFFFFABRRRQBzmq/8AIQf8Kp1c1X/kIP8AhVOgCxYRedfRLzjdk47Yrop4re4XybhUcHkI386ydEi3XDyHOFXA9OasT6MJtYS+89lAKsU285Hoew46Y9a0hy31dgKHiW0trazjuUAieNgo2nGR2Hpn61l3ElxfR2MxLzFkIDDkthzwD2Ycc89vx6rUrCHUoVt7jOwnOR1BqSxsotPs0trfOxM4z1Oea66eJUKavrJP8CbaliisvV4dSlkh/s5yqjO4BgvPYn1FXpbqK0iQ3cyR54yTjJrk5NE0736FEj/6tvoaVfuj6UjENESpyCuQR3o3qkQZ2CqAMknArMB1FICGUFSCCMgjvXPr4meHUJIb+2KRjJBRTlBnvnr+HpWtOlOpfl6CudDTP+Wx/wB0U+mf8tj/ALorIY+srW4cxpMP4TtNatRXUXn2skeMllOBnv2oA4e9i8q7hvh0jysgHUqe/wCHWrjHKce1Kyh1KsMgjBFUNPmby5baUnzIHwAf7ueK31qU7/y/l/w/5i6mhUkM8lvJvibaf51HRWAzorLUo7mMByEl7qT1+lXa5CrlvqdxbgLuDoP4W/xoA6CP7p/3j/On1kQa5HtbzIWX5jjac9/wqX+3Lf8A55y/kP8AGgDSqG6uo7SLfIeeyjqayZtbmfIhRYx6nk1nySPK26Rix9SaAHXd1JdTq8h78DsODUVI33l+v9DS0AZev+GtI8UaebLXbGK7h527x8yEjGVPUHnqKx/DXhbWfDWryQxa8174fYO0Vpdxl54GJBCiXOWX73X6YPWusooAp2mr6ff3l1a2V5DPPZtsuI43BMTejehruIf9Sn+6P5VyEcMUTOYo0QyNucqoG4+p9TXXw/6lP90fyoAfRRRQBzOpaVLNrMs1rpky3MrRlNQS4XYgUjOVLAjgEYAOc9RTLLSNQTUrW3mttlvZX1xdi68xSJlk3lVAzuDfvOcgD5eCc11NFC0DcQgMMGk8tPSnUUAN8tPSjy09KdRQBEkakvx/FT/LT0pI+r/71PoAb5aelHlp6U6igBvlp6UxY13vx3/pUtMT77/UfyoAXy09KPLT0p1FADfLT0o8tPSnUUARGNfOHH8J/pT/AC09KQ/64f7p/pT6AG+WnpR5aelZksOpnXFkjk/0TI43cBccgj1znn3FatXKPLbUuUeW2txvlp6VXkmto7uOF5EWRgcKW5NVJp9TGuLHHH/ouV528Fcckn1znj2FUdUNsPEtuJIZWYldxV8AnPHGOcfUVpCjd2fa+hrCjd2b6X0Oh8tPSs66vrC31GOCaJml4AcKCEz056/lWnUMlpBLOs0kKNIn3WI5FZwcU/eMoOKfvDnSEYV9vzcAE9a57W9CumkR9KBC4O5Q2MH157Vpalow1C8jn89o9qhWXbngHPB7Hnrz2rTp+7GzWpXuxs1qzg725+xXEcMkJLdX5xj6etJqelR6pbJBJNPCiyrI3kvtL4/hJ9D3rsb+xivBGHUBw3yvjkcGuX1O4XSZ1iuwQzdMdCPWkrtrlWoldtci1OV1DWNP07xLa+HtSv8Ay57iIzWpkQ4Zc4256EjHrnHbHToLr7RCkK2il1xgtjJP1qr4m8LaX4v0f7Dq0RZQQ8M0Z2yQP2dG7H/Jqte6pZeD2sYb66mNpdyC2hLhpCj44y2DwfU1vz+033X4/wDBN+f2u+6/H/g/mbrW8cyL50asRzg9jRcRebbrHvZVQ5UA9PwqRWDKGUgg8gjvQ/3DXOpSi9DmUpRehcttQe1to4UjjKxrgE5yf1qX+15f+eUX6/41n0Um7u7E227s0YtSmmuolwiqzAEAdea3PLT0rmLT/j8h/wCui/zrqaQhAoXoMUtFFABRRRQAU2T/AFbfQ06mTuEt5HboqknAz2oA5JfuL9KprrWmPq/9lJf27agIzL9mEoMm0HBO3r1qgXs/GvhGVLG9vLa3vIzGZ4QYZk55wGGQe3I6Gk8PeC9B8Lof7H0+OOZjl7h8vK555Ltkn7x/OgDSgt7oSXYvriK6t5nzDF5G0xoRgoxyQ/OTnA645qW0toLS1SG1hjgiXokaBVH4ClnuobVN08ioPc9aofbrq7VY9OgZAQczzrhQPb1qlFs3p4epUXMtF3eiLt3eRWcYaXJLHCooyzH2FZ8lnd6jBLLdM8WVPlWytgDg43e/NW7XThDN588rXE+Mb3/h+g7ValkWKJ5HOFQFifYU7qPwmyqxo6UdZd/8v89/QztDhuIbeRZwVXd8gxjHrWqqs7BUBLE4AHeqdhfRX0TGIMNp5DCuh0W1yzXLjp8qf1NTK99TnrOUqjclZmlaW4tbZYx1HLH1NPj6N/vGn0yPo3+8aRkPooooA5bwr4fudI1C5ln27Snlgg/eOQcj2/L6V1NcT4IuL6XVr4XkruAvzhmz8+7/APXXbVpUvzano5kqixDVRpvTYKYv+sf8P5U+mL/rH/D+VZnnD6KKKAMK18SQ3PiaXTFhYFSUEm4csuSeOw6/pW7WXBodnBrkmoIG85vmxkYBbOT6/wD661KqXL0OjEOi2vYrSyv6hTP+W3/AafTP+W3/AAGpOcfRRRQBQmvrGPVooZGX7RjaCV6E4wM9s/196v1Sl021l1OO6eLMqjOcnBIxg4q7TduhpPksuW/nf9Apjf6xPqf5U+mN/rE+p/lSMx9FFFADH+8n+9/Q0+mP95P97+hp9ABRRRQAUUUUAFFFFABRRRQBieJYJLnTGhjcRh5UEh5zt5yBjuelZMUSQRLHEoRFGAoHArf1j/j0f/fX+RrCp3drEKnFTc+oUHoaKD0NIsRfuL9Ku6Za/abobhmNPmb39BVJBlVA64FdPYW/2azRCBuPLcd6ALNMf78f+9/Q0+mP9+P/AHv6GgB9FFFABTF/1j/Ufyp9MX/WP9R/KgB9FFFACN9xvpQn3F+lDfcb6UJ9xfpQBT1azmvtNkt7eXypGxgkkA89DjsaTR7Kaw01ILmUSuCTkEkKPQZq9RVcz5eUy9jH2vtetrGVqehWep3sM9z5mQNjKrYDqMkA8e56Y61BdPp3haFpbe1dpZ87URsk45xkngVsv9+P6/0NYU/ht7vxB9supI5rbduCOCT0xtx0x/nFaQlfST0OTEUnH36EFzt79vMz4tc1/UrVJLO2CpnPmxRfeyOFw2eOpJ9x079bCZDbxmcBZSo3hegOOacqhVCqAABgAdqyvEGp3Wl2azWkKvyd7MpYIAPQEUm/aNRirDhF4WDqVZuX9dEXJ762sizXcyRBnwu49eBVkEMoKkEEZBHeuatTZ+L4d06T209vgsFYcBxyOQQQSv14ro4okghSKIYSNQqjPQDgVMoqOj3NqNWVVuStydH+YpjQyByilxwGxyKJP9W30NVNR1a00pEa8crvztAGTgdT9OR+dRaoZ7/RS+kTgmQBldGxuXvg9qSi3a5cqsI8yjq1rZbmiv3R9KWqWkRXcOlxJfvvnAOTnPGeAT3OKu0mrOxpCTlFSatcKjmXfhT/ABAj9Kkpjf6xPqf5UijlXUpIynscVu6L/wAeJ/3z/IVl6nGY9Qk77juHHrWpov8Ax4n/AHz/ACFAGhRRRQAUUUUAFN3r/eX86dSbR6D8qAMfWGX7LDyPvHvWRuHqPzrY1gD7LDx/EayMD0oAvaTGsl4HYjbGM9e9b+9P7y/nVPSrbybMFlAZzuP07Vd2j0H5UAMldTGcMOo7+9OMiAZLL+dYVpZ6tFrE8t3NutWJwN+QRn5cDtgfSp/EDanHFB/ZKEgk+YURWb2GD265/Ct/ZXmoKS1+45frDVJ1HB6dOpasdasdRkdLSbcycnIIyPUZ6irT3EMbKrzRqWOFBYDP0qnpek21hEJEtkinkQeaFJIB7gZJwM9hVXWPDqateRTm4aEKux1CZyM5+U9jyeee3HFHLSdS17RFzYhUeZxTl2Wn5mxvT+8v500uvnL8w+6e/wBKftHoPyphUecvA+6e30rA6x29P7y/nRvT+8v50u0eg/KjaPQflQAm9P7y/nRvT+8v50u0eg/KjaPQflQAxHXc/wAw+96+wqrfaZp+oyI95GsjR8A7iMj0OOo9jVnIRZm252nOAOvArM0TWxrDzKbXyfKwc7twOex4GD7VrCNRJzh0MKsqTkqVTXm2XoaiCGJdsexB6LgU7en95fzqvfX1pp0PmXcioOw7t9B3pbK7t9QthPbHchJHK4IPpUcsuXmtoWpw5uRPXsSyupib5h09abOkdxA0TsuGHXPSnyqPKbgdPSnbR6D8qk0OTkXypGRyAVODzTNw9R+db2p6cs8ZmiX96o5A/iFYWB6UAJuHqPzpCw3LyPzp2B6U0gb14oAiu7pbW1ebG/bj5QevOKjtbiLUrMtLEoUkqUY7gatFQRggY+lAVQMAAD2FUmkvMzcW5avTsZR8P2ayb7Oa4szzn7PLgHPscgfhTf7Lv4nP2TXJlQgZE8aynP14rYwPSjA9K3+tVerv6pP87nN9Rw/2Y29G1+TRyrDxNIzp5sTBT977mfxGK0l/4SEKAZNLYgdSH5rWUDc3HenYHpVSxTl9iP3EQwKj/wAvJfeYz6bqdwhS41vEb/fWK3VTjuA2cj611vhrSU0iw5uvPaZUJJG0AAemTzzyfpWXgeldRaKPsUHA/wBWvb2rOWIqSjyO1vJJfkjWGDpQmqiu2urbf5tkwZT0IP0NLSAAdAKWsDrCiiigAooJwOBn2pu5v7h/MUAc9qv/ACEH/CqdW9VJ/tB/lPQd6qxK0sqoqnLEAcigDf0eLy7LcRguc9eoq/UaAxxqiocKMDkU7c39w/mKAEb/AFifjT6iZm8xPkPfuKfub+4fzFADqp6hpkOpLH5zSIYydrIRnnqOQfQVa3N/cP5ijc39w/mKqMnF3QDVjWG1EUYwiJtUZ6ACq2o2H9o2Kw+Z5ZBDA4yPxHfrVl2by2+Q9PUUqs20fIenqKIycZcy3AjsbUWVlHbhy+wfePc5zTprWC4dGnhSRkOVLLnFP3N/cP5ijc39w/mKOZ35uoDqyI4NSHiFpGl/0X03cbewx6571q7m/uH8xVC/1SPTpEMsUjGQcKuO34+9XTcruMVe4iOXUbxNcW0W2BgJA3YOSCOWz0AHp7Vq1DDcC4t45o0YpIodScdCM1Jub+4fzFTNp2VrWGc1exeTfSoMABsgDsDyKxL0G21OC5U/JMRFJwfwrpdbjKzpKEI3jB6dR/n9Kw9QBewlXyy2RwPT3q6MuWeuz0fzEy1RWbYakXhEd5hJ1O3njcOxrRyf7p/OonCVOXKxi0UmT/dP50ZP90/nUAQz3KWsO9wTl8ADueakhlWeFZEztYd6aUWWMrJGHXJ4OPWnr8qhVTAHQDFVpbzAdRSZP90/nRk/3T+dSAN95fr/AENLTGJ3L8vf19qdk/3T+dADGniWURM6hz0XNSVVkso5LpZ2V9wIOARgkdKlmnEELSSKcD0I5q7J2UdwGXd15AWOPa08hxGh7+59h1rs7fcLWLeQW2DcQMAnHpXAPZXM8U8znFxKMIMj92ufu5966zw7a3ljpKxXuXcsWUb87VOOM/mfxracIKno9V+P/AQjXopFJPVSKWuYYUUUUAFFFFABRRRQAyPq/wDvU+mR9X/3qfQAUUUUAFMT77/Ufyp9MT77/UfyoAfRRRQBlWsGprrEsk8mbYlsDdkEfwgDsRxWrRRVylzO5c5uTuZMsupjxAqIn+i8fwjBXjJJ65zn9Keus7tZNh9nYcld+7nOM5xjp75rQP8Arh/un+lO2ru3bRu9cc1XPF7x6f0yueLWsen9MWiubub6+XxcsCM/kb0AG7jaVGfl78k8/wCFX7uTVF1eJbZc22Rn5Rgjvk9QfSqdFq2q1Vy3QatqtVc1ahkMQuog5TzMHaDjP4VVk1iCPUxZFXL7gpYDgEjIH6iorzR1udXhujMy4wSuOuOmD2qVCz9/QhQs/f00Jr7WLewuUhmVyzKGJUcKCcZP5Hp6VfqndvYLcQi88nzc/u945H+FXKmVuVWQpW5VZEM15b28iRzzIjv90E9amqhe6PbX9wk0xkDKApCtgOM5wfzPTHWr9EuWytuKXLZW36jH+9H/AL39DWRr3hyLXWhZ52haIEcLuyDWu/3o/wDe/oafSjKUHeIoTlB3icrPaSWbiKQcAfKfUVBJEkq7ZUV1znDDNdRfxQzW224kWMZ+VmOMGueuLeS2lKSjB7HsaWu4tdzi9e8VjwPqEC6lp1w2gzRsx1GEGT7NIMnY6AZ2kDIb8PcdPa3ttqOnxXlhOlxbzKHjljbKsD3BqaWKOeF4pkWSNwVZWGQwPYisOeW18H6PITE40u3T93HBHuMQH8IUckemK0s6l23r+f8AwTWzq3bev5/8E3qKhs7pb2yhuY0kRJkDqsqbWAPqD0qasjEmtP8Aj8h/66L/ADrqa5a0/wCPyH/rov8AOupoAKKKKACikdtiM2M4GcCuZ0LU7+W+0/7ZdG4TVLJrvyyiqLdgU+VcAErh8fMSeOtC1dgOnqC8uIrWzkmnbaijk1MSR0Un8agu4kurSSKeHejDkE0FR5eZc2xxA1m1MSmHzJmIHyxoSc+ntSGbUbtdsMAs1J/1sjBmxn+761bt4kt4QkMW1evB61Lk/wB0/nV3S2R0e1pQf7uH36/hovvuU4NLhik82Z3uZcAb5TnH09Ktp/q1+lLk/wB0/nTUJ2D5e3rUtt7mNSrOo7zdx9R3DIltK0q7kCEsvqMU/J/un86s2+lvqULrIGWFwUZgRnp2pERtdXM7wxbw34kS1jESq2ZGDbv1rto0WKMIgwqjAFZHh/RV0S2lVHeZpWyzEBRxx0rX3N/cP5iqla+hrXcXUbg7odTI+jf7xpdzf3D+YpkbNhvkP3j3FSYktFN3N/cP5ijc39w/mKAOJ8DWN5a6tdm6hkjVY9h3jGG3Dj9K7iuY8NWmq2t/dNqAYoRg5P3mz19+/PvXS7m/uH8xWlR3kehmNT2mIcrp7bbDqYv+sf8AD+VLub+4fzFMVm8x/kPbuKzPPJaKbub+4fzFG5v7h/MUAIP9c3+6P5mn1EGbzm+Q/dHce9P3N/cP5igB1M/5bf8AAaXc39w/mKZubzvuH7vqKAJaKbub+4fzFG5v7h/MUAIf9cv+6f6U+oizecvyH7p7j2p+5v7h/MUAOpjf6xPqf5Uu5v7h/MUxmbzE+Q9T3HpQBLRTdzf3D+Yo3N/cP5igBH+8n+9/Q0+onZtyfIfveo9DT9zf3D+YoAdRQORyMUUAFFFFABRRWdq2ozWbWsFnDHNc3UhSNZHKqMKWJJAJ6CgDRoqnpOoDVNMiuwmwvkMuc7SDgj8xVoyKDjn8jQBn6x/x6P8A76/yNYVberuv2Ruv317H0rD3j3/KgBaD0NJvHv8AlSFxjv8AlQBe0m2+0XKFvuxgMa6Os3R4hb2Ss2d0gBIweBWh5i+/5GgB1Mf78f8Avf0NL5i+/wCRpjyLuj6/e9D6GgCWim+Yvv8AkaPMX3/I0AOpi/6x/qP5UvmL7/kaYsi7369R2PpQBLRWNreqX1i0I0+284PncxjZvoOOmfWtSObdEjOpVioJXB4PpVOLSTMo1YynKC3RI33G+lCfcX6UxpF2nr09DQsi7F69PQ1JqSUU3zF9/wAjR5i+/wCRoAzJPEGnDWo9N88G53YIAyASOmfWo77XzZ6zFYi1Lhyo3bsE59BjnHeszVvCFtdaoL6zkMcruWdZMlQTzuHGc5z19e2K6aILHFGrsZHRQu9lOTx1rZ+zSTWp50HjKjlGdo2ejWt12JqCMjB5FN8xff8AI0eYvv8AkaxPRIbS1t7TzVtYY4VL5IRQMnAqxUIkAMm3rnjg+grK0S41Z5p/7WBCfw5QDB9Bjt9eaqzabuYuapyjTUXr2Wi9S3rOi22t2RguQVYcpIOqn+oOBkf/AFjRpemLpOmG2SQycliduB06AdhxV7zF9/yNNeRfLbr0PY0c0uXl6B7Cn7X21ve2uPX7o+lLTFkXaOvT0NL5i+/5GpNh1YdpaatH4gea6nLWrM+0b8gj+EBe2OPyra8xff8AI0xpF8xOvU9j6VSlZMyqUlUcW29Hcy9dTEkUmeoK4+n/AOuqPh6TVTqMiyr/AKFubqowPTB656Zz71raxh7AkH7jA9D9P603RZFFiev3z2PoKE7DnT52ndqz6dfU06KaJFJ7/kadUmgUUUUAFFFFAGPrH/HrD/vGqFjbG6ulj/h6sfQVf1j/AI9Yf9407Q4MJJORyflX6d/6flQBrABQABgDgCiiigBkv+rP1H86fTJf9WfqP50+gAooooAKYf8AXL/un+lOJCqWYgADJJ7VFHNHOySQSJIhDYZGBB5HcU7PcV1exNRVe9vYdPtWuLliEUgcDJJPalsr2HULVbi2JKNkcjBBHanyy5ea2hPPHm5L69iemSzxW6b55UiXONzsAM/jT6zNZ0ZdXSIGYxNETg7dwOevH4U4KLklJ2Qqspxg3BXfY0E+9J/vf0FZ+qa1ZaKp88NvKl9ka5JAqlqXh+W7t7aC0udiWoCASE84VQG4/iGP1rSn0ezvFg+3RfaHhUKHYkFvrg8j2Oa1jGlGzk7rsjnnLESUowik1aze3n9xyE2mS+NtUW83rbR26pG65LgjJPynjn1/Cunv7a407RfJ0CLY4YcD5mA7kbs5PTrmrGqfa4tMk/spQJ+NoAHTPOAeM4qgdUv9N8OrdalD5lxv24OFwOxbHA//AFV0OpOqo8tuVOyiccaNPDufPfmau52/Lt8i/YNdvo8Z1EAXO07+Md+Ccd8Yz71eqlY3p1HR47oxmIyKflPsSMj2OMj2NXa4ql+d3Vj1KTTpxad1ZahWFqlh5MhmiBMbct/smt2muiyIUcblYYINQaHJUh++v41ev9Pa0bemWiJ4Pp7GqJ++v40ALRRRQAUUUUAIv3m+tLSL95vrS0AFdTaf8eMH/XNf5Vy1dTaf8eMH/XNf5UATUUUUAFFFFABRRRQBzmq/8hB/wo0qPzNQTIyFyx9vT9cUar/yEH/CrWhIDLM/OVAA/H/9VAGzRRRQAxv9Yn40+mN/rE/Gn0AFFFFADX/1bfQ0q/dH0pH/ANW30NKv3R9KAFooooAKq3tutxHIphimcR5jWVcru5xVqq1zeQWcm65lEYYADPeqjfmXLuBU0iW/FvM2pghU5QsoDYxzwOMdP1rFudbm16f7Fp0ZEe5dxIPzD3I4A7/hWtcX962qfZobZZLZ1G18EhgR97cOMf4VB4a0yawkuDNB5QfAB4/IY7fXmu+PJBSqySvpZE+Rak0+SPQ0gkkMkkOWz+fH0AOB9KxH+7+Iqz4bbfqNyDK7BkJXP/LQZHzH35/U1Hew+RcSR9g3H0zXLXg4VGm7jRl6nZrIyXeGLRYDqP40zyKvqwdQynIYZB9aUjIwaoRSGxultZMeRJnyXOBg/wB2hXqw5eq/L/gBsX6KKKwGInQ/U0tInQ/U0tABRRRQAjfeX6/0NLSN95fr/Q0pIAJPAHU0ABIVSWIAAySe1UomF/cLOBm3jzsJ/jbpn6Co2K6uSiki0RvmYEjzSO30rQVVRQqAKoGAAMAV0NKkrP4vy/4P5fktxa6yH/Up/uj+VcnXWQ/6lP8AdH8q5xj6KKKACiiigBCNwwc/gcUnlr6t/wB9mnUUAN8tfVv++zR5a+rf99mnUUARJGMvy33v7xp/lr6t/wB9mkj6v/vU+gBvlr6t/wB9mjy19W/77NOooAb5a+rf99mmLGN78t1/vH0qWmJ99/qP5UAL5a+rf99mjy19W/77NOooAb5a+rf99mjy19W/77NOooAqNc2q362xmxKV+7vOamzCZfK8z94BnZ5hzj6Zqo+k2z6ut4d/mY3Fd3ylhgA+vp+VNXRkXV/t3nN94tsx3Ix19PatbU+/T8Tblp236fiJJqVrHqws2SQyZCGTccAkZA6+4rR8tfVv++zWRNpt2/iRL1SnlrgBu4XHK4+uefetmioopR5ewVFBKPL21IDZW7XAnaIGVRgOSdw/Gs68/tJdZgW2DG24zzwR3yeo/Ctis261eG21SK1dHJOAWHQFulFPmb0Vwp8zeivoUdb0K4v9Simt3YIECN+8xjBJ59RzVq81QWuqR2nkO4fHzeYQefQd8Vfnvra2lSOeZUd/ug/54qbAJyQMjoar2jaSmrpbFe0bSU1dLYTy19W/77NHlr6t/wB9mnUVgc5E8Y3Jy33v7x9DT/LX1b/vs0j/AHo/97+hrP1bVzpjxKId/mdy2PwHqfaqhBzfLEuEJTlyx3Hapo66isWJmjaMnrlgQcds9eKfcaaklgsCFiY1ARmY54FRatJqPkwtpoYbsl9qgsPQc9uv6VoQmQwp5wAk2jeF6Zxzirlzciu9Cpc3s1d6djk3hMcjI+4MpwRuNRTQpJCySDcpGCCTW7rFmS32iNc8fPjt71jP9w1km1qjNNp3RyPiS18U2gtP+ESv7RGhMh+zXyFo7oFfljLAgqQemCAc89MHY8NatNruhRXt5ptzpdwWZJbW4JyjqcHB7rkcHvWnPClxA8UgyrDH09/rWbdve3mm3Wn2d6LDVPKIiuPLDgNjhwpGCPbFbSvUXOt+v+f+ZtK9Rc636/5/5m1aoPtkP3v9Yv8AEfWup8tfVv8Avs1xenTmwj05davrc3LyRxNLxEsspPRQT1J6Cu2rEwEVQvTP4nNLRRQAVQsNE0/TJ3msoCjsCozIzBFJyVQEkIuecLgVfooAKbJ/q2+hp1Nk/wBW30NAHIr9xfpS0i/cX6UtABSJ9wfSlp1rC1xJHEnVuPpQBZ0+z+13GGyI15Yj+VdGiLGgVAFUcACorW2S1gEceT3JPc1NQAyL/V/if50+mRf6v8T/ADp9ABTI+jf7xp9Mj6N/vGgB9FFFADE+9J/vf0FPpifek/3v6Cn0AFMX/WP+H8qfTF/1j/h/KgB9FFFADB/rm/3R/M0+mD/XN/uj+Zp9ABTP+W3/AAGn0z/lt/wGgB9FFFADD/rl/wB0/wBKfTD/AK5f90/0p9ABTG/1ifU/yp9Mb/WJ9T/KgB9FFFADH+8n+9/Q0+mP95P97+hp9ABRRRQAUUUUAFUNU02S/wDs8ltc/Zrm2k3xybN45BUgjIzwT3q/RQBV02wj0zT4rSJiwQHLHqxJyT+Zq1RRQBm6x/x6P/vr/I1hVu6x/wAej/76/wAjWFQAVZsLf7TdqjDKj5m+gqtW5o1uEtWmIG5+AfYf/XoA0Y/9Un+6KdTY/wDVJ/uinUAFMf78f+9/Q0+mP9+P/e/oaAH0UUUAFMX/AFj/AFH8qfTF/wBY/wBR/KgB9FFFACN9xvpQn3F+lDfcb6UJ9xfpQAtFFFADH+/H9f6Gn0x/vx/X+hp9ABRRRQAxPvyf739BT6Yn35P97+gp9ABTZP8AVt9DTqbJ/q2+hoAVfuj6UtIv3R9KWgApjf6xPqf5U+mN/rE+p/lQA26j820lQLuJQ4Hvjiqmi/8AHif98/yFaFVbCLyEmjAwBKcD2wMUAWqKKKACiiszVdYOnTRww2r3UrRvMyqwXbGuMnnr1HFAGnRUVtcR3drFcQnMcqB1PsRmn+bH/fX86AMnWP8Aj1h/3jU1xFeW2glNN5uVUEdD1POM8Z64pblVmktV3qMOWPI4xV/zY/76/nVRfK0yZx5ouN7XKejtfNpynVB+/wBx6gA47Zxxmr1N82P++v50ebH/AH1/OiUuaTdrChHkio3vbuJL/qz9R/On1FJIhjOHXqO/vT/Nj/vr+dSWOrD1vQp9UvoJ4bryhGuOc5Q5zuX3/wABW15sf99fzo82P++v51pTqSpy5omVajCtDknsRXtot9Yy20jFVkXBK9RXNWdx/YGtx6UkTT+c4LSHgndgZVfQY5+hrqvNj/vr+dYV5Lq3/CSwfZmT7FkZOV27eN2e+euMe3vW1CV04PbzdtTmxULONSN+a6Wivp/XU2bq0gvbdoLqMSRt1BOP1HIotbWGyt1gtYxHGvQA5/U9ak82P++v50ebH/fX865+Z25b6HZyR5ua2vcowa3Z3OpPYxO3mqSMleCR1APtz+VTW+pWd1cyQW9wjyx/eUf55/Co4tP06C+e8ijjWd8ktu7nqQM4BPqKyNF8MxaRrlxf/a1cSBgq59Tnn8q35aEk3dqy082cnNioyimk027+S6HRJ96T/e/oKfUSSIGf51+96+wp/mx/31/OuY7R1BAIwRkVh6t4iOnanBaxwCVZACW3ctk4wvqR/UVtebH/AH1/OrlTlFKT6mUKsJylGO63El4hbHpT6ilkQxNh16etP82P++v51BqOopvmx/31/OjzY/76/nQArKHUqwBBGCDWBf6U8Dh4MvHgk+ore82P++v50xpE8xPnXv3oA5Wite+06N2aW1dAcZKZ6n2rIYhWIYgEdQaACik3r/eH50b1/vD86ABfvN9aWmB13N8w6+tO3r/eH50ALXU2n/HjB/1zX+VcrvX+8PzrqLSWP7FB86/6te/tQBYopodWOFZSfY06gAooooAKKKKAOc1X/kIP+FamjJssNx/jYn+n9Ky9V/5CD/hW7Zp5dnEhXaQoyPegCaiiigBjf6xPxp9Mb/WJ+NPoAKKKzdYOoiOL+zc9Tv2gbvbr26/pVQjzStewFmS+thO1sZl87H3PwqtLrMMGox2bRuSSqlx0BbGP5imto8Ujfa59y3Rjy+xvlD7cZFY1hGdJ19YZYI5nkKKrhfmGerD8+foa6qdKlK9tWlsK7OtooorjGFZ+paXFqfySO8bqh2Oh5XP+RTtS1i00ry/tjsDITtCrnp1NWkYO4dDlWQEH1FaLnp2mtOwHOaS82jaq2msgdHKBQpPHH3gD25wT/s109FFVVqe0lzW16iWhjaNDfx3tw15BHGr8krGq5bPYjkjr156VHr0W2ZJADhgAT7g1u1R1iHztPYgfMhDDj3qak+eXNawznqjngjuYjHKMjqCOCD6g+tSUVCbTugKEN60E5tb87X/5ZyngSD+hq/Uc9vFcxGOeNXX3HT3FUFln0r5LgNNaj7svUoPQ108sa2sNJdu/p/l9wtjSTofqaWoreeK4i3wurrk8g1LXM007MYUUVTudRSGXyIVM9wf+WadvqaqEJTdooC1IwXDMQADkk9uDWaWk1diqFo7IHluhl9h7Upsri9dTqL7Ys8QRng9+T36VpKoRQqgKoGAAOlb3jR+F3l+C/wA3+QtxERYowkahVUYAHanUUVy3vqxhXWQ/6lP90fyrk66yH/Up/uj+VAD6KKKACiiigAooooAKKKKAGR9X/wB6n0yPq/8AvU+gAooooAKYn33+o/lT6Yn33+o/lQA+iiigAooooAYf9cP90/0p9MP+uH+6f6UefEZjCJU80DJTcN2PXFAD6KKKAGGaITCIyIJGGQhYbiPXFZl7qFpDrUEUtuHlGAJdoJTd0x3qSXRo5dWF8ZWB3K5THUgADn8BVySCF7qKV4kaRQdrlQSPoa2XJF99DZezi776fiUNTt9MlvoWvpSkpAUKGwGXPGfQZJ5471q1SvNJtr64SacNuUbTtbAYZzg/menrV2plJOKSYpyTjFJhWZq2rNpskSrB5nmdycfgPetOipg0neSuTBxUryVxhO7yjjGTnH4GsLxJpt5fTQNZgkBSrYAPX61uv96P/e/oafVU6jpy5kOnUdOfMhsalYkU9QoBp1FFZmZm6zbXtzFELGUoATvVXKE+nI/Hj3rHvLSSzxHK287R8wGAT3/Wujur23slVrmUIGOBwST+Aqrq0AutP8yLDFRuVgeo+taNy5EmtDRuXIk1oYNQXVotxtcfLNGcxvjof8Kq6vdXFtHEbfjcTuPH9avQMz28bSDDsgLDHQ4oSlBKaGlKCU0ym+l6b4mggtNdsILyKO5jdoZlDKHRgQcf5yCQcgkV31ef6lHJFLHdWsjRylghCnG/nI5HT612WiyvNo8DyuZHwQWbrwxGPfGMZ71c6a5PaR2fQqdNcntIvR9OxeooorAwCiiigApsn+rb6GnU2T/Vt9DQByK/cX6UtIv3F+lLQAVtaFbeXa+c45k+7kdBWZZ25urlYwcDqfpXSQKEt0VRgBQAKAJKKKKAGRf6v8T/ADp9Mi/1f4n+dPoAKZH0b/eNPpkfRv8AeNAD6KKKAGJ96T/e/oKfTE+9J/vf0FPoAKYv+sf8P5U+mL/rH/D+VAD6KKKAGD/XN/uj+Zp9MH+ub/dH8zT6ACmf8tv+A0+mf8tv+A0APooooAYf9cv+6f6U+mH/AFy/7p/pT6ACmN/rE+p/lT6Y3+sT6n+VAD6KKKAGP95P97+hp9Mf7yf739DT6ACiiigAooooAKKKKACiiigDN1j/AI9H/wB9f5GsKt3WP+PR/wDfX+RrCoAdHG0siogyzHArqo4xFAsa9FXArH0SENM8rLnYMA+9bZ6GgBsf+qT/AHRTqbH/AKpP90U6gApj/fj/AN7+hp9Mf78f+9/Q0APooooAKYv+sf6j+VPpi/6x/qP5UAPooooARvuN9KE+4v0ob7jfShPuL9KAFooooAY/34/r/Q0+mP8Afj+v9DT6ACiiigBiffk/3v6Cn0xPvyf739BT6ACmyf6tvoadTZP9W30NACr90fSlpF+6PpS0AFMb/WJ9T/Kn0xv9Yn1P8qAH0gAGcADJyfelooAKKKKACsfWNJury7jubCaKKTyJLeTzVJBR8HIx3BWtiigCCytVsbCC1jJKwxqgJ74GKnooo3AZEAUUkDIzg+lPpkX+rH4/zp9ABRRRQAyX/Vn6j+dPpkv+rP1H86fQAUUUUAFMP+uX/dP9KfTD/rl/3T/SgB9FFFABRRRQAxPvSf739BT6Yn3pP97+gp9ABRRRQAyX/VN9KfTJf9U30p9ABRRRQAUxv9Yn40+mN/rE/GgB9VL3T47wAn5XHRgKt0UAcrcW8ltKY5Rg9j61FXU3VrHdxbJBz/Cw6iucurWS0l2SD6N2NAEC/eb60tIv3m+tLQAV1Np/x4wf9c1/lXLV1Np/x4wf9c1/lQBNRRRQAVzmtazfWl5emzaNYdOt455UdMmbcW4BzxgL15610dZmoaBaaldi4naZSyCOVEfCzKDkKw7gEnpjqaANFX3RhwCQRkCjef7jfpTqKAOd1AeZquwqw3ED6VvhiABsb9KzNm/xD1xtG79K1qAG7z/cb9KN5/uN+lOooAiZz5ifI3f0p+8/3G/Skb/WJ+NPoAbvP9xv0o3n+436U6igCN3Plt8jdPaqWp2b6jp4gQshyG5GQ3sefx/AVff/AFbfQ0q/dH0qoycWpICtYQtZ2MUDb5Cgxu/p16DpVjef7jfpTqKTbk7sDO1LSrXVfLN3DITGTtKtjg9RVtMRsFSNgqoAB6CpqZ/y2P8Auim5ycVFvRAI7vsbYjbscZx1rO0ltTDS/wBpKxXjbnb174x2rVopqVouNtwG7z/cb9KZK26Mho2wSM5x61LTJfufiP51AHLXMZguZIirfKeOnTtUe7/Zat3WbXzIhOg+ZOG+lYdACbv9lqN3+y1LRQBntplu0hljWSBzkEwttz/nFH9mr/z8Xv8A3+NX06H6mlrf6xVtbmFZGc2lRONsst1ImeUeXIP1q3BBDax7LeHyx3wOtTUVMq1SatJ6BZDGb5l+U9f6U7d/stQ33l+v9DS1kMTd/stRu/2WpaKAE3f7LV1cTkQp8jH5R6VytdZD/qU/3R/KgBytn+Ej60tFFABXDaYYT4ltxDs/tkahc/2hj/W/Z/n2b++zHlbc8dMV3NFHW4dLCEEjg4P0pu1/74/75p9FADNr/wB8f980bX/vj/vmn0UARIr5b5/4vSnbX/vj/vmiPq/+9T6AGbX/AL4/75o2v/fH/fNPooAZtf8Avj/vmmqr73+fv6e1S0xPvv8AUfyoANr/AN8f980bX/vj/vmn0UAM2v8A3x/3zRtf++P++afRQBEVfzh8/wDCe30qiuiouqfbRM27cXC7eMkYrQP+uH+6f6U+qjKUb2KjOUb26jNr/wB8f980bX/vj/vmn0VJIza/98f9801lfzF+fse1S0xv9an0NABtf++P++aNr/3x/wB80+igBm1/74/75o2v/fH/AHzT6KAInV9yfP8Axensadtf++P++aH+9H/vf0NPoAZtf++P++aNr/3x/wB80+igClfaZHqCoJ3YFCdrLweeo/QVN5Xk2wjQgIihVGOgFT0yX/Vmq5m1boU5Nq3QwNVtWgutyn5ZOR8vGao4b+9+ldFq1v51kzAfNH8w+neueqSR0EQluYkkCurOoKsuQefSupWMoiohVVUYChcAD0rmrT/j8h/66L/OupoARQR945/CloooAKKKKACmyf6tvoadTZP9W30NAHIr9xfpS0i/cX6U+NDJIqKMljgUAbOi2+yFpjnL8D6Voxf6lfpRDEsEKxp0UYoi/wBSv0oAfRRRQAyL/V/if50+mRf6v8T/ADp9ABTI+jf7xp9Mj6N/vGgB9FFFADE+9J/vf0FPpifek/3v6Cn0AFMX/WP+H8qfTF/1j/h/KgB9FFFADB/rm/3R/M0+mD/XN/uj+Zp9ABTP+W3/AAGn0z/lt/wGgB9FFFADD/rl/wB0/wBKfTD/AK5f90/0p9ABTG/1ifU/yp9Mb/WJ9T/KgB9FFFADH+8n+9/Q0+mP95P97+hp9ABRRRQAUUUUAFFFFABTT5meNuPpTqKAMvV9/wBkbO3769vasP5vat7WP+PR/wDfX+RrHtYvOuo4+fmYZwO1AG7psEkFkn3QW+Y8VaPmYPK/lTwMDA4FB6GgCOPzPLXG3oO1L+89V/Klj/1Sf7op1ADP3nqv5U1/M3J9373p7GpaY/34/wDe/oaAD956r+VH7z1X8qfRQAz956r+VNXzN7/d6jt7VLTF/wBY/wBR/KgA/eeq/lR+89V/Kn0UARt5m08r09KF8zYOV6elPb7jfShPuL9KAG/vPVfyo/eeq/lT6KAIm8zen3evp7GnfvPVfyof78f1/oafQAz956r+VH7z1X8qfRQBEnmb3+719PYU7956r+VCffk/3v6Cn0AM/eeq/lSP5nltkr0PapKbJ/q2+hoARfM2jlenpR+89V/KnL90fSloAZ+89V/Kmt5nmJ93qe3tUtMb/WJ9T/KgA/eeq/lR+89V/Kn0UANHmZ524+lOoooAKKKKACiiigBkX+rH4/zp9Mi/1Y/H+dPoAKKKKAGS/wCrP1H86fTJf9WfqP50+gAooooAKYf9cv8Aun+lPph/1y/7p/pQA+iiigAooooAYn3pP97+gp9MT70n+9/QU+gAooooAZL/AKpvpT6ZL/qm+lPoAKKKKACmN/rE/Gn0xv8AWJ+NAD6KKKACori3juYjHKMjsfSpaKAOUnt3trh45Bgg8H1FR10d3ZJeLICMSD7rfh/KuekjaKQpIpVlOCDQA2uptP8Ajxg/65r/ACrlq6m0/wCPGD/rmv8AKgCaiiigAooooAKKKKAKlvH/AMTC5kz6LirdMj/j/wB6n0AFFFFADG/1ifjT6Y3+sT8afQAUUUUANf8A1bfQ0q/dH0pH/wBW30NKv3R9KAFooooAKZ/y2P8Auin0z/lsf90UAPooooAKZL9z8R/On0yX7n4j+dACyIJI2RhkMMGuWmiaCZo36qcV1dZWsWZZftKclRhhntQBi0UUUAInQ/U0tInQ/U0tABRRRQAjfeX6/wBDS0jfeX6/0NLQAUUUUAFdZD/qU/3R/KuTrrIf9Sn+6P5UAPooooAKKKKACiiigAooooAZH1f/AHqfTI+r/wC9T6ACiiigApifff6j+VPpifff6j+VAD6KKKACiiigBh/1w/3T/Sn0w/64f7p/pT6ACiiigApjf61PoafTG/1qfQ0APooooAKKKKAGP96P/e/oafTH+9H/AL39DT6ACiiigApkv+rNPpkv+rNADyAykMMg8EHvXLXUP2e6ki7KePp2rqaytatg0a3C9V4PuKAMu0/4/If+ui/zrqa5a0/4/If+ui/zrqaACiiigAooooARt38OPxpknmeW3K9D2qSmyf6tvoaAOQXdtHTpWho8Dy3fmfLtjGeR37VQX7i/Sul0yEQ2KY5L/OfxoAsfvPVfypsfmeUuNvT0qWmRf6lfpQAfvPVfyo/eeq/lT6KAIo/M2cbep7e9O/eeq/lRF/q/xP8AOn0AM/eeq/lTY/Mw2Nv3j2qWmR9G/wB40AH7z1X8qP3nqv5U+igCJPM3Pjb9709hTv3nqv5UJ96T/e/oKfQAz956r+VNXzPMf7vbtUtMX/WP+H8qAD956r+VH7z1X8qfRQBEPM85vu52jt9ad+89V/Kgf65v90fzNPoAZ+89V/Km/vPO/hzt9Klpn/Lb/gNAB+89V/Kj956r+VPooAiPmecv3c7T2+lO/eeq/lQf9cv+6f6U+gBn7z1X8qa3meYn3ep7e1S0xv8AWJ9T/KgA/eeq/lR+89V/Kn0UARP5m5M7fvensad+89V/Kh/vJ/vf0NPoABnHPX2ooooAKKKKACiiigAooooAzdY/49H/AN9f5GquiQ77lpT0jGB9T/k1a1j/AI9H/wB9f5GrOn2/2azRD94/M31NAFmg9DRQehoAbH/qk/3RTqbH/qk/3RTqACmP9+P/AHv6Gn0x/vx/739DQA+iiigApi/6x/qP5U+mL/rH+o/lQA+iiigBG+430oT7i/ShvuN9KE+4v0oAWiiigBj/AH4/r/Q0+mP9+P6/0NPoAKKKKAGJ9+T/AHv6Cn0xPvyf739BT6ACmyf6tvoadTZP9W30NACr90fSlpF+6PpS0AFMb/WJ9T/Kn0xv9Yn1P8qAH0UUUAFFFFABRRRQAU3zF9G/74NOooAijkAjHDd/4TT/ADF9G/74NJF/qx+P86fQA3zF9G/74NHmL6N/3wadRQBFJIDGeG6j+E+tP8xfRv8Avg0kv+rP1H86fQA3zF9G/wC+DR5i+jf98GnUUAN8xfRv++DTDIPOXhuh/hPtUtMP+uX/AHT/AEoAXzF9G/74NHmL6N/3wadRQA3zF9G/74NHmL6N/wB8GnUUARJINz8N97+6fQU/zF9G/wC+DSJ96T/e/oKfQA3zF9G/74NHmL6N/wB8GnUUARSyAxNw3T+6af5i+jf98Gkl/wBU30p9ADfMX0b/AL4NHmL6N/3wadRQA3zF9G/74NMaQeYnDd/4TUtMb/WJ+NAC+Yvo3/fBo8xfRv8Avg06igBvmL6N/wB8GjzF9G/74NOooAiWQb34br/dPpWfq1r5yiaFGLr94BDyPyrST77/AFH8qfQBx+4ejf8AfJrqLSQfYoOG/wBWv8J9KxtUtfs90WUfu35Ht7Vt2n/HjB/1zX+VAEgcMcDd+KkU6iigAooooAKKCcDgZ9hTN7f882/Mf40AEf8AH/vU+okc/N+7b73qP8advb/nm35j/GgB9FM3t/zzb8x/jRvb/nm35j/GgAb/AFifjT6iZz5ifu279x/jTt7f882/Mf40APopm9v+ebfmP8aN7f8APNvzH+NACv8A6tvoaVfuj6Ux3by2/dt09R/jQrttH7tunqP8aAJKKZvb/nm35j/Gje3/ADzb8x/jQA+mf8tj/uije3/PNvzH+NN3nzj+7b7o7j/GgCWimb2/55t+Y/xo3t/zzb8x/jQA+mS/c/Efzo3t/wA82/Mf402Rzs/1bDkdx6/WgCWgjIweRTN7f882/Mf40b2/55t+Y/xoA57ULQ2lxgco3Kn+lVK6a5gW6i2SRN7HjI/WueureW1l2SRtjs3GD+tAEKdD9TS0xWOD8p6n0p24/wBxv0oAWik3H+436Ubj/cb9KABvvL9f6GlpjMdy/Kevt6U7cf7jfpQAtFICx6Rsfpipha3TKCLWYg8g7aAIq6yH/Up/uj+Vcx9ku/8An1m/75rpYnIhT92x+Udx/jQBLRSKxPVSv1xS0AFFFFACHOPlwD7ikxJ6r+X/ANenUUANxJ6r+X/16MSeq/l/9enUUARIHy+Cv3vSn4k9V/L/AOvSR9X/AN6n0ANxJ6r+X/16MSeq/l/9enUUANxJ6r+X/wBemKH3vyvX09qlpifff6j+VAC4k9V/L/69GJPVfy/+vTqKAG4k9V/L/wCvRiT1X8v/AK9OooAiIfzhyudp7fSn4k9V/L/69If9cP8AdP8ASn0ANxJ6r+X/ANejEnqv5f8A16dRQA3Enqv5f/XpjB/NTleh7VLTG/1qfQ0ALiT1X8v/AK9GJPVfy/8Ar06igBuJPVfy/wDr0Yk9V/L/AOvTqKAInD7k5X73p7Gn4k9V/L/69I/3o/8Ae/oafQA3Enqv5f8A16MSeq/l/wDXp1FADcSeq/l/9emSB/LOSv5VLTJf9WaAFxJ6r+X/ANeo5onmgeMlcMMdDU1FAHK26ut9EpK5EgHT3rqMSeq/l/8AXrGvIfK1qJh0kdW/WtugBF3fxEH6CloooAKKKKACmyf6tvoadTZP9W30NAHLWcXnzxR/3iM/SurAwMVh6FBukMpHCKAPrW5QAUyL/Ur9KfTIv9Sv0oAfRRRQAyL/AFf4n+dPpkX+r/E/zp9ABTI+jf7xp9Mj6N/vGgB9FFFADE+9J/vf0FPpifek/wB7+gp9ABTF/wBY/wCH8qfTF/1j/h/KgB9FFFADB/rm/wB0fzNPpg/1zf7o/mafQAUz/lt/wGn0z/lt/wABoAfRRRQAw/65f90/0p9MP+uX/dP9KfQAUxv9Yn1P8qfTG/1ifU/yoAfRRRQAx/vJ/vf0NPpj/eT/AHv6Gn0AFFFFABRRRQBBe3kOn2cl1dMVijGWKqWPXHAHJOaptr9lHZi5lW6jVpPLWN7WRZHOM8IV3HjuB2NQ6zpUl5a3AlafUYJCp+wF0iXhgeGCg546FsHpxWXHpd/ayQ31np0ixQ3RePTjMm9EMWxiDuK53Hdjd09zigDqLW5hvLWO4tnDxSDKsO9S1naBYy6dosNvcY80bmYA5CkknH4Zq+Y0JyVpvcCreRedtTAIMq5z6Yq50qJY08x/l9Kd5Sf3RSAfQehpnlJ/dFBiTB+UUALH/qk/3RTqjjjQxr8vYUvlJ/dFAD6Y/wB+P/e/oaPKT+6Ka8abk+X+L+hoAlopnlJ/dFHlJ/dFAD6Yv+sf6j+VHlJ/dFNWNN7/AC9x/KgCWimeUn90UeUn90UAOb7jfShPuL9KY0SbT8o6ULEmwfKOlAElFM8pP7oo8pP7ooAH+/H9f6Gn1E0ab0+Xv/Q07yk/uigB9FM8pP7oo8pP7ooAE+/J/vf0FPqJI03v8vf+gp3lJ/dFAD6bJ/q2+hpPKT+6KR4kEbfKOhoAev3R9KWmLEm0fKOlHlJ/dFAD6Y3+sT6n+VHlJ/dFNaNPMT5e5/lQBLRTPKT+6KPKT+6KAH0U0RoDkLTqACiiigAooooAZF/qx+P86fTIv9WPx/nT6ACiiigBkv8Aqz9R/On0yX/Vn6j+dPoAKKKKACmH/XL/ALp/pT6Yf9cv+6f6UAPooooAKKKKAGJ96T/e/oKfTE+9J/vf0FPoAKKKKAGS/wCqb6U+mS/6pvpT6ACiiigApjf6xPxp9Mb/AFifjQA+iiigAooooAYn33+o/lT6Yn33+o/lT6AILy3F1atGevVT6GnWqlbSFWGCI1BB7cVLRQAUUUUAFFFFABRRRQAyP+P/AHqfTI/4/wDep9ABRRRQAxv9Yn40+mN/rE/Gn0AFFFFADX/1bfQ0q/dH0pH/ANW30NKv3R9KAFooooAKZ/y2P+6KfTP+Wx/3RQA+iiigApkv3PxH86fTJfufiP50APooooAKjnt47mIxyjI7H0qSigDnpNIuI9xixKuT04P5VVaGVGKtGwI6jFdRH90/7x/nT6AOS8t/7jflU8VhczDKRNj1PH866aigDn00a4d080rGN2OuT0NaEWjWyD590h9zirr/AHo/97+hp9ADI4IoR+6jVfoKfRRQAUyH/Up/uj+VPpkP+pT/AHR/KgB9FFFABRRRQAUUUUAFFFFADI+r/wC9T6ZH1f8A3qfQAUUUUAFMT77/AFH8qfTE++/1H8qAH0UUUAFFFFADD/rh/un+lPph/wBcP90/0p9ABRRRQAUxv9an0NPpjf61PoaAH0UUUAFFFFADH+9H/vf0NPpj/ej/AN7+hp9ABRRRQAUyX/Vmn0yX/VmgB9FFFAFe7t/P8pl+9HIrD6Z5qxRRQAUUUUAFFFFABTZP9W30NOpD90/SgCppcHkafGCMMw3GrlNj/wBWv0FOoAKZF/qV+lPpkX+pX6UAPooooAZF/q/xP86fTIv9X+J/nT6ACmR9G/3jT6ZH0b/eNAD6KKKAGJ96T/e/oKfTE+9J/vf0FPoAKYv+sf8AD+VPpi/6x/w/lQA+iiigBg/1zf7o/mafTB/rm/3R/M0+gApn/Lb/AIDT6Z/y2/4DQA+iiigBh/1y/wC6f6U+mH/XL/un+lPoAKY3+sT6n+VPpjf6xPqf5UAPooooAY/3k/3v6Gn0x/vJ/vf0NPoAKKKKACiiigAooooAKKKKAGL/AKx/wp9FFABQehoooAbH/qk/3RTqKKACmP8Afj/3v6Gn0UAFFFFABTF/1j/Ufyp9FABRRRQAjfcb6UJ9xfpS0UAFFFFADH+/H9f6Gn0UUAFFFFADE+/J/vf0FPoooAKbJ/q2+hp1FACL90fSloooAKY3+sT6n+VPooAKKKKACiiigAooooAKKKKAGRf6sfj/ADp9FFABRRRQAyX/AFZ+o/nT6KKACiiigAph/wBcv+6f6U+igAooooAKKKKAGJ96T/e/oKfRRQAUUUUAMl/1TfSn0UUAFFFFABTG/wBYn40+igAooooAKKKKAGJ99/qP5U+iigAooooAKKKKACiiigAooooAZH/H/vU+iigAooooAY3+sT8afRRQAUUUUANf/Vt9DSr90fSlooAKKKKACmf8tj/uin0UAFFFFABTJfufiP50+igAooooAKKKKAGR/dP+8f50+iigAooooAY/3o/97+hp9FFABRRRQAUyH/Up/uj+VPooAKiubmGzt2nuH2Rr1bBOPyqWigDlrvVL46wbkPqEWkJ5W2WBIPLfJ53bwXxkgfLRZavfvqNpcS3Je3vb64tBa+WoWJYy4Vgcbs/u+ckj5jgCtqfRLK4vftUqyl8gsoncRuR0LIDtOPcUkGh6fb6k19DCyzMzP/rGKKzfeYJnapPcgZOT60IGXySBwM/Sk3t/zzb8xTqKAG72/wCebfmKN7f882/MU6igCJGbL/Ifveop+9v+ebfmKdRQA3e3/PNvzFG9v+ebfmKdRQA3e3/PNvzFMVm3v8h6+o9KlooAbvb/AJ5t+Yo3t/zzb8xTqKAG72/55t+Yo3t/zzb8xTqKAIizecPkP3T3HtT97f8APNvzFOooAbvb/nm35ije3/PNvzFOooAbvb/nm35imMzeanyHoe4qWigBu9v+ebfmKN7f882/MU6igBu9v+ebfmKN7f8APNvzFOooAidm3J8h+96j0NP3t/zzb8xTqKAG72/55t+Yo3t/zzb8xTqKAG72/wCebfmKZIzeWfkP5ipaKAG72/55t+Yo3t/zzb8xTqKAG72/55t+Yo3t/wA82/MU6igBFJPVSPrS0UUAFFFFABSH7p+lLRQA2P8A1a/QU6iigApkX+pX6U+igAooooAZF/q/xP8AOn0UUAFMj6N/vGn0UAFFFFADE+9J/vf0FPoooAKYv+sf8P5U+igAooooAYP9c3+6P5mn0UUAFM/5bf8AAafRQAUUUUAMP+uX/dP9KfRRQAUxv9Yn1P8AKn0UAFFFFADH+8n+9/Q0+iigAooooAKKKKACiiigAooooAKKKKAMzXrm7t9PxYwTySStsLwpuaJT1bHr6e9cVYT202h6Kms70shZ3O03RwGnDJsPPVtu/HfrivSKaY0ZQrIpUcgEdKVhnK3dwZPC+kJq0ilcwf2gJG6KV/j9ATjOa0vCjE6K20kwLcTC2P8A0yDnZj2xjHtitkorAhlBz1yOtAAUAKAAOgFVfVi6IWiiikAU2RikbMFLFQTtHU+1OooA89t9S3aprE3iFr6xiktI3lDDYIV3H5Aee3Ge5zW54XlsUhuZ7KW1gguJB5NpDMrCPC+gJAY4JIFdIyI2dyqc9cjrSLDGn3I1XnPCgUdLB1OQ8HxR2l1FDHLpd9LJAWmurKEo6tkcSEsSSSe4Xp0rsqasaISURVJ64GM06gAooooAK4zxRf3g13T0NveJawXke0xJlZmIOcnPb0+tdnQQD1GaOqYdGjitNWG18SvcNNpV5cT3k28RwkXNunzYLOW6AAD7oHPX1brU0L6xcyeYpvxJbHTyGyxQkbtnqCM5xXa+VGGLBF3Hqccmjy03A7FyvQ46ULS3kHccOgz1ooooAKKKKAMjxJdXcGmiOxguHadtjy26bmhTBJYD17D3Oe1cvb2dpq3hDQreayV7q6VYRNcRgyIg5Ygnnp3967+k2qMYUcdOOlAHN+J7e2l0+ys1vdPtYILlRKL1TJGQEYhGAYc8qeSOlaPhx1fRYxHDBEiO6J9nTbG4DH51GTgHr1P1NaTRowIZFIJyQR1pQAoAUAAdAKO4dhaKKKACiiigAooooAKKKKACuT8XiwyXD241ONVaMyykSIuScwr0LE+mM8Z7V1lNaNGYMyKxHQkdKAOMWbSb3xSi2VzEL2K4Dz3M0yiXp/qVHBI9ugrtaZ5MW/f5SbuudozT6Olg6hRRRQAUUUUAFFFFAFXU/sn9nS/2g222IxISxUY9yOcVyFndz22n6hbaRCXhlutqyabiWK3jKAkoeMnj6Bj6Cu5IBGCMg9jSKiou1FCj0AxSAwvBEpm8F6aSsqkQhf3vU47+9b1IAFGFAAHYUtU9WAUUUUgCiiigAooooA4u7a0j8SRS6K0BuGMyzmKUtcM5VuJFPIQEDBzx8oAAqTwcypeMg+yzSSWyyTzWoZdsmeVkyxBf3wD7V1wjQOXCKGPVgOTQqImdiqueTgYzQtAeo6iiigAooooAKKKKACsbxIunSWSpqf2Uk58lbyUpEWx/Een5/hWzTXRJBh1Vh6EZpPUa0PMdSud2mp9oYNNFpqmB7lysiuGb5rcfxScDjjovPOK9PQ5jU88gdetIYo227kU7emR0p1VckKKKKQwooooAKKKKACiiigAooooAK5HXzYJrdvNavB/aEd1F5x80/aQuQNsan+EgnOMDG44JzXXU0xoX3lFLD+LHNHW4dDjdKn0efxEZtNvIF+ztJ9ouJJ1825OeQRkfKvqR24pNQWFPFM1802lXkvnQCG0khLXAHyjKNuGOpbhSOOvp2IghByIkB9Qop3lJvD7F3DoccihdA7jqKKKACiiigAooooA4u6axj8RrJpMtusjiZLh45GeYsQ3+tU8hAQMfgBgVL4UNtp8zQrLpU4aFDJeWUXl/OTgI5LNlifoeeldaI0Dlgihj1OOTVC91Ox0u+sLS4Qo+ozGKErH8pcKWwT24U4+lC0B6nM6Y6nxDbNGwOqNf3S3wB+fyQX2bu+0Dy9vbpiu3qkmoWja5Lp0YzdxwLPIQvCqxIXJ9TtPHsaNQ1a10yayjuiwa9uBbw7Vzlypbn0GFNC2SB7v+vMu0UUUAFFFFAFfUDbjT5/trFbfYfMIYrhe/I5FcdbjTY7HWc2ljd2cRWS3hhIktwxGAAcfeJxmu5IBGCMimrEirtVFC+gHFAznRp0OkeC5dNguIbad7aRy7cAMfvPtHO0Fh06cUeE1hgNxbWo06WJFQm50+Ly0c46H5myR65/CujKqTkgE4x0pERI1wiqo9AMU+txdLDqKKKQBRRRQAVna5dXVrprGxglmlchMxLuMYPVsd8Vo0UmB5zps1rNpWkx64ZF08LchmvDgNKCNpOeM43Y/HFa8lzJJ4H0ldWl+fZbHUBI3zBDjJcdgcc59660xoy7WRSvXBFKUU5yoORg5HWmBi+FTnTrgQnNotzILUg5Hl54x7elbdIFCqAoAA6ACloAKKKKACiiigAooooAKKKKACiiigDlLm2kt/Fl6326eRptNkYGdsrF8wACqoGAPoT7msaMRWWjz28D6bcQH7M15eadEYx5ZmAkVzubPy7iTxwTxXoe0ZzgZxjOKRYo1UqqKA3UAdaFoBieFinlagtoVNgt2RabDlNm1c7e23du6e9btIqhFCqAoHQAUtABRRRQAUUUUAFFFFAHOeK7Z2k025F3cIsd9AvkIwEbEyD5mwMk44wTj2zzWWkkkfi55Zfss12bto0iwwnSPZw24N9zjoVI5612xAPUA/Wk2Jv37V3dN2OaP6/IDjPCzxHVNONk+6aSwkbVMHJ87cmDJ/t58zrzjNdrSKiqSVUAtySB1paYBRRRSAKKKKACiiigClq9o17pc0K3VxagqSz27BWYDquSDgH1GD6EVybWFpqPg/w9bzWsM13d28MKzSoGaNdgLEE98V3NJtUYwo+Xpx0o/4AHD6gkNtrEkUWF1GC7tEsE3fP5OUDhf9nG/d+Oa7mkKKXDFQWHQ45FLR0AKKKKACiiigAooooA4kSJ/wkysrD+1P7SZZBn5vs2w9f9jp7ZpPE08Euo3kjzK0wsIn0llfOZS77jH6t/q847Yrtdi79+1d2MZxzR5aHblF+X7vHT6Udh9TnLq0dfGmmTT3M8vnQTKYHYeWnyrnCgD8zk0mgaTY/wDCQahqdnZw20cDGzgWFAudp/eOcdSW+X2Ce5rpcAkEgZHQ0oAHQY78UCCiiigDivELoNauzIwF+gt/7PGfm5b59n9cdqueIprCbUbJdWliNh9nuOWf5PtA2YHpuA3479a6gorMGZQWHQkdKQxoy4ZFIznBHel0sPrc46eC8k03wzeX13dCcSQLJAWAUsRyzDGS31OPaq1lOp8aQMPL89r6dJGDH7QybGwsi9ohgYPPIXgZruyAcZAOOlII0Dlwi7j1bHNVfW5PSw6iiikM5TxW1r/aKLqbKsAs5Wt97YHn5G3H+1jOO/WnajOkujaOmrSIYPOjGoCRuBmNiBJ6Att698V1DIr43qGxyMjOKQojAhlUhuoI60dAOGuoJbjwA8ovLqKCC4lNukbhRLEJiI8nGSoXGMEAjGc0eIMp4iPliOW+eW2NtJ52JIV3Dcqr1II3ZxxgnNd1tXbt2jb6YpDGhcMVUsOhxyKOoDqKKKAMDxQbfdpq6kUGnNcEXHmHCH9223d2xux174rONzL/AMICFklbIZSw3fP9n83GfXGzv6V17KrrtdQw9CM0bF/ujpjp2oA4J7rRra0u1unSTSv7QC6fbCRRDOfJXK5PGwOWPXAI9qhu0t4LAR3d1DKFsZHsDHLuVZ9xIWM92HAGOa9BMMRUKY0KjoNowKPKjwB5a4U5A2jij+vwAbaGQ2cJn/1hQb/rjmpaKKBLRGP4qbboLFyRAZ4RcHOMQmVd+fbbnPtmszTp/L0PWI9NkUQiSUaeI26qEBPl46gNnGK6sgMCGGQeoNNCKoAVVAHTA6UujK7HAxXOjW1vfM1z5ejfZrZp/Jf5ZJy7bkPuwChh3HWrQso7nwZqj2V79lgbfKttp86ssQCfcLDOM4yQuOv59n5MW0r5abSckbRg0qxoilURVB6gDGafcS0ZX0s50i0zz+5T+Qq1QOOlFN6sSVlYzvELXKeGdSax3i4W1kMRjzuDbTjGO/pWR4dmsYdSvl0iWEaYYofK2MPLMx3ZA9yNue9dRTVjRVwqKBnOAO9IfQ4C0mtI5BI941szWtydWmjfDx4YbWY9mHOP0pYbnw+un3d800FppchiVbGCZSZSCcGQA4G7IGPQcn077yo/m+Rfm+9x1+tN+zwgEeTHg9RtFAGR4VjiTS3a3lgMUkrOkNvKJEgB/gBBx+XFFbKIsa4RVUegGKKAHUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWH4xspbzwxcvaY+2WeLy2JOP3kR3gZ7A4Kn2Y0UVE24xbXQqCTkkzhLvVre7+Hd94rvbeOW3169jYLcM2yO2DCOPeqcsuAXKdy5BrnPD89vPriQaZJbtZ/25A0ItbT7LDzbSZKxZO3J+n0oorXlXPKPbT8iItumpeTf5lzT9fS90TwZoWk3D/wBtab5kNwpUgQyrbSrgseG+YdRkcVe+G32GTxBY/ZNUi/tKO2cajBb6aYmlbv50pc+YQ2SGGe/SiiiL5nd9bsqoradrL8T2CiiipEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/2Q==)

#### Response

Scatterplots with LOESS and linear estimates are fit to our 10 most important predictors from the SVM model to gain an understanding of their relationships with Yield as it is observed. We notice that ManufacturingProcess32 has the clearest linear relationship with yield and the process predictors each seem to have a single optimal value for maximizing yield (beyond which there are diminishing returns). Biological predictors remain less predictable to our model. Thus, we can say part of our intuition is confirmed based on our exploration of the data. However, our radial SVM model transformed the data such that we are not able to visualize its relationship clearly in two-dimensional space. Thus, the initial observations before modeling provide the best visualization to gain well-rounded understanding.

## KJ 8.1

8.1. Recreate the simulated data from Exercise 7.2:

>library(mlbench)  
>set.seed(200)  
>simulated <- mlbench.friedman1(200, sd = 1)  
>simulated <- cbind(simulated$x, simulated$y)  
>simulated <- as.data.frame(simulated)  
>colnames(simulated)[ncol(simulated)] <- "y"

### Part A

#### Question

Fit a random forest model to all of the predictors, then estimate the variable importance scores. Did the random forest model significantly use the uninformative predictors (V6 – V10)?

#### Code

# Some packages used in later parts  
library(mlbench)  
library(randomForest)  
library(caret)  
library(partykit)  
library(dplyr)  
library(gbm)  
library(Cubist)  
library(flextable)  
set.seed(200)  
simulated <- mlbench.friedman1(200, sd = 1)  
simulated <- cbind(simulated$x, simulated$y)  
simulated <- as.data.frame(simulated)  
colnames(simulated)[ncol(simulated)] <- "y"  
model1 <- randomForest(y ~ .,   
 data = simulated,  
 importance = TRUE,  
 ntree = 1000)  
rfImp1 <- varImp(model1, scale = FALSE)  
rfImp1.tbl <- rfImp1 %>%  
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
flextable(rfImp1.tbl) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | V1 | 8.732 |
| 2 | V4 | 7.615 |
| 3 | V2 | 6.415 |
| 4 | V5 | 2.024 |
| 5 | V3 | 0.764 |
| 6 | V6 | 0.165 |
| 7 | V7 | -0.006 |
| 8 | V10 | -0.075 |
| 9 | V9 | -0.095 |
| 10 | V8 | -0.166 |

#### Response

Given our ranked table of importance by predictor, V6 – V10 are near zero or negative indicating their insignificance in the random forest model.

### Part B

#### Question

Now add an additional predictor that is highly correlated with one of the informative predictors. Fit another random forest model to these data. Did the importance score for V1 change? What happens when you add another predictor that is also highly correlated with V1?

#### Code

model2 <- randomForest(y ~ .,   
 data = simulated,  
 importance = TRUE,  
 ntree = 1000)  
rfImp2 <- varImp(model2, scale = FALSE)  
rfImp2.tbl <- rfImp2 %>%  
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
flextable(rfImp2.tbl) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | V1 | 8.690 |
| 2 | V4 | 7.687 |
| 3 | V2 | 6.430 |
| 4 | V5 | 2.369 |
| 5 | V3 | 0.747 |
| 6 | V6 | 0.110 |
| 7 | V10 | 0.049 |
| 8 | V7 | 0.031 |
| 9 | V8 | -0.108 |
| 10 | V9 | -0.128 |

#### Response

A new table of ranked predictors by importance shows that when adding a predictor that is highly correlated with one of the informative predictors the importance of the predictor is split across the correlated variables. For example, adding a predictor highly correlated with V1 dropped its importance from about 9 to roughly 5 and the remaining importance was reassigned to the highly correlated ‘duplicate1’ variable. Predictors V4 and V2 held their importance the same. By maintaining the same level while V1’s importance dropped, both V4 and V2 became the two most importance predictors.

### Part C

#### Question

Use the cforest function in the party package to fit a random forest model using conditional inference trees. The party package function varimp can calculate predictor importance. The conditional argument of that function toggles between the traditional importance measure and the modified version described in Strobl et al. (2007). Do these importances show the same pattern as the traditional random forest model?

#### Code

library(partykit)  
library(dplyr)  
cforest\_model <- cforest(y ~ ., data=simulated)  
# Unconditional importance measure  
varimp(cforest\_model) %>% sort(decreasing = T)

## V1 V4 V2 V5 V3 V7   
## 7.91634213 7.53062366 6.16317586 1.99099762 0.27681088 0.16245729   
## V6 V10 V8 V9   
## 0.06420066 -0.03584637 -0.06861244 -0.11560311

varimp.tbl <- varimp(cforest\_model, conditional=T) %>% sort(decreasing = T)  
varimp.tbl <- varimp.tbl %>%  
 as.data.frame() %>%  
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(.)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(.,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
flextable(varimp.tbl) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | V4 | 6.250 |
| 2 | V1 | 6.234 |
| 3 | V2 | 5.391 |
| 4 | V5 | 1.407 |
| 5 | V3 | 0.141 |
| 6 | V7 | -0.035 |
| 7 | V6 | -0.187 |
| 8 | V10 | -0.306 |
| 9 | V8 | -0.352 |
| 10 | V9 | -0.368 |

#### Response

The uninformative predictors V6 - V10 are still rated with low importance. Predictor ‘duplicate1’ (that is highly correlated with V1) was reduced in importance from the varimp() function. All other importance values are also reduced. From this, we can conclude the patterns between traditional and modified measures of importance are very similar in order and arrangement, but the modified measure reduces predictor importance to a smaller scale. When importance is already small, this may reorder the insignificant predictors as V6-V10 have been.

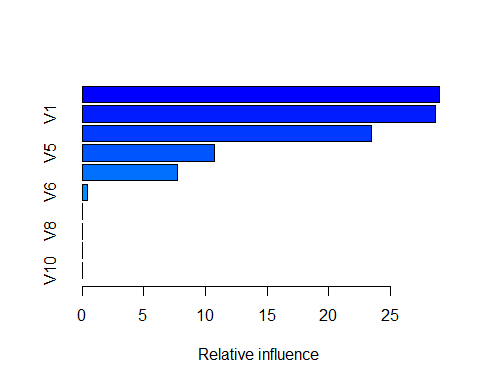
### Part D

#### Question

Repeat this process with different tree models, such as boosted trees and Cubist. Does the same pattern occur?

#### Code

library(gbm)  
library(Cubist)  
gbm\_Model <- gbm(y ~ ., data=simulated, distribution='gaussian')  
gbm.summary <- summary(gbm\_Model)  
gbm.tbl <- gbm.summary %>%   
 as.data.frame() %>%   
 arrange(desc(rel.inf)) %>%   
 mutate(Rank = row\_number(),   
 Predictor = var,  
 Importance = round(rel.inf,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
summary(gbm\_Model)



## var rel.inf  
## V4 V4 29.0111902  
## V1 V1 28.6900508  
## V2 V2 23.4378987  
## V5 V5 10.7687292  
## V3 V3 7.6935092  
## V6 V6 0.3986219  
## V7 V7 0.0000000  
## V8 V8 0.0000000  
## V9 V9 0.0000000  
## V10 V10 0.0000000

cubistModel <- cubist(x=simulated[,-(ncol(simulated)-1)], y=simulated$y, committees=100)  
cube.varimp.tbl <- varImp(cubistModel) %>%  
 as.data.frame() %>%  
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)

#### Response

The top-rated predictor is V4 in a GBM model and V1 in a Cubist model. Predictors V6 - V10 remain very low in importance. The predictor ‘duplicate1’ scored a 0 for importance in the Cubist model but higher in GBM. We review the patterns through two tables with the predictors from GBM first.

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | V4 | 29.011 |
| 2 | V1 | 28.690 |
| 3 | V2 | 23.438 |
| 4 | V5 | 10.769 |
| 5 | V3 | 7.694 |
| 6 | V6 | 0.399 |
| 7 | V7 | 0.000 |
| 8 | V8 | 0.000 |
| 9 | V9 | 0.000 |
| 10 | V10 | 0.000 |

For GBM compared to random forest, the scale of importance to the model has changed. In GBM no value is negative. The lowest bound is 0. GBM is also a measure of relative influence, not strictly importance which seems to follow a more exponential scale from most to least important predictors. We also review the Cubist model’s predictors.

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | y | 50 |
| 2 | V1 | 0 |
| 3 | V2 | 0 |
| 4 | V3 | 0 |
| 5 | V4 | 0 |
| 6 | V5 | 0 |
| 7 | V6 | 0 |
| 8 | V7 | 0 |
| 9 | V8 | 0 |
| 10 | V9 | 0 |

For Cubist model the change in vector magnitude from least to most important is even greater than GBM (and far from any random forest). It is also bounded by 0 at its lowest like GBM but the orders are slightly different. Predictor ‘duplicate1’ is ranked 5th in both models but V1 ranks higher in Cubist.

Based on the observations above, the pattern is different across the models.

## KJ 8.2

Use a simulation to show tree bias with different granularities.

### Part A

#### Question

Fit a random forest model to all of the predictors, then estimate the variable importance scores:

#### Code

library(caret)  
library(rpart)  
set.seed(755)  
X1 <- rep(1:2, each=100)  
Y <- X1 + rnorm(600, mean=2, sd=4)  
X2 <- rnorm(600, mean=2, sd=4)  
simData <- data.frame(Y=Y, X1=X1, X2=X2)  
fit <- rpart(Y ~ ., data = simData)  
v1 <- round(var(X1), 3)  
v2 <- round(var(X2), 3)  
sim.tbl1 <- varImp(fit) %>%   
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Simulation") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 RepQuantity = 600,  
 Variance = c(v1, v2),  
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Simulation, RepQuantity, Variance, Importance)  
flextable(sim.tbl1) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Rank** | **Simulation** | **RepQuantity** | **Variance** | **Importance** |
| --- | --- | --- | --- | --- |
| 1 | X1 | 600 | 0.251 | 0.022 |
| 2 | X2 | 600 | 14.212 | 0.005 |

#### Response

The simulation was created with two variables. Each was assigned a mean of 2 and standard deviation of 4. The two variables differ in variance.

\* X1 -> Lesser variance (Sequence of values)   
\* X2 -> Higher Variance (Gaussian Random value)  
\* Target Variable Y -> X1 + X2

A regression tree is fitted using recursive partitioning and importance calculated with the caret package’s varImp() method. We can see simulation ‘X1’ has greater importance than ‘X2.’ The variance also differs with ‘X2’ being over 56 times greater than ‘X1.’ The difference between two variables is significant and it shows the tree bias between two variables.

## KJ 8.3

In stochastic gradient boosting the bagging fraction and learning rate will govern the construction of the trees as they are guided by the gradient. Although the optimal values of these parameters should be obtained through the tuning process, it is helpful to understand how the magnitudes of these parameters affect magnitudes of variable importance. Figure 8.24 provides the variable importance plots for boosting using two extreme values for the bagging fraction (0.1 and 0.9) and the learning rate (0.1 and 0.9) for the solubility data. The left-hand plot has both parameters set to 0.1, and the right-hand plot has both set to 0.9:

[insert figure 8.24]

### Part A

#### Question

Why does the model on the right focus its importance on just the first few of predictors, whereas the model on the left spreads importance across more predictors?

#### Response

There could be two reasons the model on the right focuses its importance on the first few predictors while the model on the left spreads its importance out. These are outlined below:

**Bragging Fraction** – it represent the data usage in each interation of trees. The plot on the left has a bragging fraction of 0.1 which is low and only 105 of the data is used for random sampling. Whereas, the plot on the right has a bragging fraction of 0.9 which is quite large comparatively. It indicates 90% of the data is used on each iteration which is alsmot the full data set. Since almost the full data set is used (by the model on the right), a handful of predictors are able to pick up more importance. This concentrates the importance as shown in the plot on the right. The opposite occurs in the plot on the left with where only 10% of the data set is used.

**Learning Rate** – it means a higher number of predictions are added to the model output. Since the plot on the right has more predictions, the correlation is greater. Thus, only the first few predictors were considered significant.

### Part B

#### Question

Which model do you think would be more predictive of other samples?

#### Response

Since the bragging fraction and learning rate can control overfitting of the model, they are crucial in selecting the more predictive model. If we are trying to cover more predictions for unseen samples, then a smaller bragging fraction and lower learning rate should be more predictive than one with a larger fraction and higher rate. This is because it includes a higher proportion of possible sample predictions. Thus, the left plot would probably be more predictive of other samples. However, there is a point that one must make a bias-variance compromise to remain usefully predictive.

### Part C

#### Question

How would increasing interaction depth affect the slope of predictor importance for either model in Fig. 8.24?

#### Code

library(gbm)  
library(AppliedPredictiveModeling)  
data(solubility)  
grid1 <- expand.grid(n.trees=100, interaction.depth=1, shrinkage=0.1, n.minobsinnode=10)  
gbm1 <- train(x = solTrainXtrans, y = solTrainY, method = 'gbm', tuneGrid = grid1, verbose = FALSE)  
grid2 <- expand.grid(n.trees=100, interaction.depth=10, shrinkage=0.1, n.minobsinnode=10)  
gbm2 <- train(x = solTrainXtrans, y = solTrainY, method = 'gbm', tuneGrid = grid2, verbose = FALSE)  
gbm1.df <- varImp(gbm1)  
gbm2.df <- varImp(gbm2)  
gbm1.tbl <- gbm1.df$importance %>%   
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)  
gbm2.tbl <- gbm2.df$importance %>%   
 as.data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Rank = row\_number(),   
 Importance = round(Overall,3)) %>%   
 dplyr::select(Rank, Predictor, Importance)

#### Response

Increasing interaction depth improves predictor importance significantly. Two tables were created from two GBM models measuring importance of each predictor. They show the first 10 predictors and their rank by importance in descending order. The only difference between the models is interaction depth. The first contains an interaction depth of 1 and is shown:

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | NumCarbon | 100.000 |
| 2 | MolWeight | 63.707 |
| 3 | SurfaceArea2 | 36.382 |
| 4 | NumAromaticBonds | 24.449 |
| 5 | NumChlorine | 19.016 |
| 6 | SurfaceArea1 | 16.448 |
| 7 | HydrophilicFactor | 11.640 |
| 8 | NumHalogen | 6.092 |
| 9 | NumMultBonds | 6.049 |
| 10 | FP112 | 4.867 |

The second contains an interaction depth of 10. Notice the difference in importance scores and ranked order of importance compared to the first table.

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | NumCarbon | 100.000 |
| 2 | MolWeight | 50.699 |
| 3 | SurfaceArea1 | 32.876 |
| 4 | SurfaceArea2 | 24.533 |
| 5 | HydrophilicFactor | 16.340 |
| 6 | NumNonHAtoms | 10.719 |
| 7 | NumChlorine | 6.765 |
| 8 | NumMultBonds | 5.529 |
| 9 | NumAromaticBonds | 5.165 |
| 10 | NumHydrogen | 4.443 |

The order of predictors changed (see ranks 3 – 10) and the importance decreased quicker with greater interaction depth. With the interaction depth at 10, the importance spread across more predictors shrinking the importance values for the first 10 predictors in the second table.

## KJ 8.7

Refer to Exercises 6.3 and 7.5 which describe a chemical manufacturing process. Use the same data imputation, data splitting, and pre-processing steps as before and train several tree-based models:

### Part A

#### Question

Which tree-based regression model gives the optimal resampling and test set performance?

#### Code

# Code from exercise 6.3 and 7.5  
library(AppliedPredictiveModeling)  
library(Metrics)  
library(reshape2)  
library(dplyr)  
library(caret)  
set.seed(0130)  
#Load the data  
data(ChemicalManufacturingProcess)  
df = data.frame(ChemicalManufacturingProcess)  
for(i in 1:ncol(df)){  
 df[is.na(df[,i]), i] <- median(df[,i], na.rm = TRUE)}  
#Create Train and Test data sets  
bound <- floor((nrow(df)/4)\*3) #define % of training and test set  
df <- df[sample(nrow(df)), ]   
train <- df[1:bound, ]   
test <- df[(bound+1):nrow(df), ]   
sum(is.na(train))

## [1] 0

sum(is.na(test))

## [1] 0

# Create the Random Forest Tree  
rf\_model = randomForest(Yield~.,   
 data=train)

# Apply 6.3 and 7.5   
# Predict with the test data  
set.seed(0130)  
rf\_test = predict(rf\_model, newdata = test)  
rf\_test\_df = data.frame(rf\_test)  
rf\_test\_df$actual = test$Yield  
rf\_test\_rmse = rmse(rf\_test\_df$actual, rf\_test\_df$rf\_test)  
# Random forest model  
rfMod <- train(x = trainx,  
 y = trainy,  
 method = 'rf',  
 tuneLength = 10)  
#Create the ctree   
ctree\_model = cforest(Yield~.,   
 data=train)  
#Predict with the test data  
ctree\_test = predict(ctree\_model, newdata = test)  
ctree\_test\_df = data.frame(ctree\_test)  
ctree\_test\_df$actual = test$Yield  
# Uses lmyield from 6.3   
# Recreate lmyield and RMSE from 6.3   
# Part A load the data  
#Load the data  
data(ChemicalManufacturingProcess)  
df = data.frame(ChemicalManufacturingProcess)  
# Part B Fill in missing values with the median of each feature  
for(i in 1:ncol(df)){  
 df[is.na(df[,i]), i] <- median(df[,i], na.rm = TRUE)}  
# Part C Correlations and Modeling  
cormat <- round(cor(df),2)  
melted\_cormat = melt(cormat)  
melted\_cormat\_df = data.frame(melted\_cormat)  
#Filter to only Yield and sort in descending order  
yield\_corr <- melted\_cormat\_df %>%   
 filter(Var2 == "Yield")  
yield\_corr$absvalue = abs(yield\_corr$value)  
yield\_corr2 = yield\_corr[order(-yield\_corr[,4]),]  
#Create Train and Test data sets  
bound <- floor((nrow(df)/4)\*3) #define % of training and test set  
df <- df[sample(nrow(df)), ]   
train <- df[1:bound, ]   
test <- df[(bound+1):nrow(df), ]   
#Create the regression model  
lmyield = lm(Yield~.,   
 data=train)  
# Part D Predictions  
# Predict with the test data  
lmyield\_test = predict(lmyield, newdata = test, interval ='prediction')  
lmyield\_test\_df = data.frame(lmyield\_test)  
lmyield\_test\_df$actual = test$Yield  
lmyield\_test\_rmse = rmse(lmyield\_test\_df$actual, lmyield\_test\_df$fit)  
# Create ctree include lmyield  
ctree\_test\_rmse = rmse(lmyield\_test\_df$actual, lmyield\_test\_df$fit)  
ctreeMod <- train(x = trainx,  
 y = trainy,  
 method = 'ctree2',  
 tuneLength = 10)  
# cForest Model  
cforestMod <- train(x = trainx,  
 y = trainy,  
 method = 'cforest',  
 tuneLength = 10)  
# Single tree   
singtree <- train(x = trainx,  
 y = trainy,  
 method = "rpart",  
 tuneLength = 10,  
 control = rpart.control(maxdepth=2))  
# Cubist model  
cubeMod <- train(x = trainx,  
 y = trainy,  
 method = 'cubist')  
# Tabulate performance statistics  
ct.res <- postResample(lmyield\_test\_df$actual, lmyield\_test\_df$fit)  
rf.res <- postResample(rf\_test\_df$actual, rf\_test\_df$rf\_test)  
res <- resamples(list(SingleTree = singtree,   
 RandomForest = rfMod,  
 CTree = ctreeMod,   
 Cubist = cubeMod,   
 CForest = cforestMod))  
x <- list(singtree,   
 rfMod,   
 ctreeMod,   
 cubeMod,   
 cforestMod)  
ModTest.Results <- ModTest(x, testx, testy)  
ModTest.Results <- ModTest.Results %>%   
 mutate(Model = c("SingleTree", "RandomForest", "CTree", "Cubist", "CForest")) %>%   
 dplyr::select(Model, RMSE, Rsquared, MAE)  
flextable(ModTest.Results) %>%   
 theme\_vanilla() %>%   
 set\_table\_properties(layout = "autofit")

| **Model** | **RMSE** | **Rsquared** | **MAE** |
| --- | --- | --- | --- |
| SingleTree | 1.298081 | 0.4587047 | 1.0360354 |
| RandomForest | 1.039834 | 0.6517535 | 0.8036644 |
| CTree | 1.411750 | 0.3460955 | 1.1460436 |
| Cubist | 1.022040 | 0.6708036 | 0.8231436 |
| CForest | 1.151959 | 0.5643823 | 0.8909904 |

#### Response

Comparing SingleTree, RandomForest, CTree, Cubist, and CForest models, we found that the cubist model performed best due to lower root mean squared error RMSE, higher coefficient of determination (Rsquared), and lowest mean absolute error MAE. Although this was a single evaluation. Future tests could switch these results as we would expect with prediction of unknown data sources.

Additionally, determining the optimal model often depends on its application and which source of error you attempt to reduce the most. For prediction in general, a lower RMSE would probably fare better than Rsquared and take priority over MAE but it all depends on the problem and circumstances.

### Part B

#### Question

Which predictors are most important in the optimal tree-based regression model? Do either the biological or process variables dominate the list? How do the top 10 important predictors compare to the top 10 predictors from the optimal linear and nonlinear models?

#### Code

rf <- varImp(rf\_model)  
ct <- varimp(ctree\_model)  
rf <- rf %>%   
 data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(Overall)) %>%   
 mutate(Importance = round(Overall, 3),   
 Rank = row\_number()) %>%  
 dplyr::select(Rank, Predictor, Importance)   
ct <- ct %>%   
 data.frame() %>%   
 tibble::rownames\_to\_column("Predictor") %>%   
 arrange(desc(.)) %>%   
 mutate(Importance = round(., 3),   
 Rank = row\_number()) %>%  
 dplyr::select(Rank, Predictor, Importance)   
rpart

## function (formula, data, weights, subset, na.action = na.rpart,   
## method, model = FALSE, x = FALSE, y = TRUE, parms, control,   
## cost, ...)   
## {  
## Call <- match.call()  
## if (is.data.frame(model)) {  
## m <- model  
## model <- FALSE  
## }  
## else {  
## indx <- match(c("formula", "data", "weights", "subset"),   
## names(Call), nomatch = 0L)  
## if (indx[1] == 0L)   
## stop("a 'formula' argument is required")  
## temp <- Call[c(1L, indx)]  
## temp$na.action <- na.action  
## temp[[1L]] <- quote(stats::model.frame)  
## m <- eval.parent(temp)  
## }  
## Terms <- attr(m, "terms")  
## if (any(attr(Terms, "order") > 1L))   
## stop("Trees cannot handle interaction terms")  
## Y <- model.response(m)  
## wt <- model.weights(m)  
## if (any(wt < 0))   
## stop("negative weights not allowed")  
## if (!length(wt))   
## wt <- rep(1, nrow(m))  
## offset <- model.offset(m)  
## X <- rpart.matrix(m)  
## nobs <- nrow(X)  
## nvar <- ncol(X)  
## if (missing(method)) {  
## method <- if (is.factor(Y) || is.character(Y))   
## "class"  
## else if (inherits(Y, "Surv"))   
## "exp"  
## else if (is.matrix(Y))   
## "poisson"  
## else "anova"  
## }  
## if (is.list(method)) {  
## mlist <- method  
## method <- "user"  
## init <- if (missing(parms))   
## mlist$init(Y, offset, wt = wt)  
## else mlist$init(Y, offset, parms, wt)  
## keep <- rpartcallback(mlist, nobs, init)  
## method.int <- 4L  
## parms <- init$parms  
## }  
## else {  
## method.int <- pmatch(method, c("anova", "poisson", "class",   
## "exp"))  
## if (is.na(method.int))   
## stop("Invalid method")  
## method <- c("anova", "poisson", "class", "exp")[method.int]  
## if (method.int == 4L)   
## method.int <- 2L  
## init <- if (missing(parms))   
## get(paste("rpart", method, sep = "."), envir = environment())(Y,   
## offset, , wt)  
## else get(paste("rpart", method, sep = "."), envir = environment())(Y,   
## offset, parms, wt)  
## ns <- asNamespace("rpart")  
## if (!is.null(init$print))   
## environment(init$print) <- ns  
## if (!is.null(init$summary))   
## environment(init$summary) <- ns  
## if (!is.null(init$text))   
## environment(init$text) <- ns  
## }  
## Y <- init$y  
## xlevels <- .getXlevels(Terms, m)  
## cats <- rep(0L, ncol(X))  
## if (!is.null(xlevels))   
## cats[match(names(xlevels), colnames(X))] <- unlist(lapply(xlevels,   
## length))  
## extraArgs <- list(...)  
## if (length(extraArgs)) {  
## controlargs <- names(formals(rpart.control))  
## indx <- match(names(extraArgs), controlargs, nomatch = 0L)  
## if (any(indx == 0L))   
## stop(gettextf("Argument %s not matched", names(extraArgs)[indx ==   
## 0L]), domain = NA)  
## }  
## controls <- rpart.control(...)  
## if (!missing(control))   
## controls[names(control)] <- control  
## xval <- controls$xval  
## if (is.null(xval) || (length(xval) == 1L && xval == 0L) ||   
## method == "user") {  
## xgroups <- 0L  
## xval <- 0L  
## }  
## else if (length(xval) == 1L) {  
## xgroups <- sample(rep(1L:xval, length = nobs), nobs,   
## replace = FALSE)  
## }  
## else if (length(xval) == nobs) {  
## xgroups <- xval  
## xval <- length(unique(xgroups))  
## }  
## else {  
## if (!is.null(attr(m, "na.action"))) {  
## temp <- as.integer(attr(m, "na.action"))  
## xval <- xval[-temp]  
## if (length(xval) == nobs) {  
## xgroups <- xval  
## xval <- length(unique(xgroups))  
## }  
## else stop("Wrong length for 'xval'")  
## }  
## else stop("Wrong length for 'xval'")  
## }  
## if (missing(cost))   
## cost <- rep(1, nvar)  
## else {  
## if (length(cost) != nvar)   
## stop("Cost vector is the wrong length")  
## if (any(cost <= 0))   
## stop("Cost vector must be positive")  
## }  
## tfun <- function(x) if (is.matrix(x))   
## rep(is.ordered(x), ncol(x))  
## else is.ordered(x)  
## labs <- sub("^`(.\*)`$", "\\1", attr(Terms, "term.labels"))  
## isord <- unlist(lapply(m[labs], tfun))  
## storage.mode(X) <- "double"  
## storage.mode(wt) <- "double"  
## temp <- as.double(unlist(init$parms))  
## if (!length(temp))   
## temp <- 0  
## rpfit <- .Call(C\_rpart, ncat = as.integer(cats \* !isord),   
## method = as.integer(method.int), as.double(unlist(controls)),   
## temp, as.integer(xval), as.integer(xgroups), as.double(t(init$y)),   
## X, wt, as.integer(init$numy), as.double(cost))  
## nsplit <- nrow(rpfit$isplit)  
## ncat <- if (!is.null(rpfit$csplit))   
## nrow(rpfit$csplit)  
## else 0L  
## if (nsplit == 0L)   
## xval <- 0L  
## numcp <- ncol(rpfit$cptable)  
## temp <- if (nrow(rpfit$cptable) == 3L)   
## c("CP", "nsplit", "rel error")  
## else c("CP", "nsplit", "rel error", "xerror", "xstd")  
## dimnames(rpfit$cptable) <- list(temp, 1L:numcp)  
## tname <- c("<leaf>", colnames(X))  
## splits <- matrix(c(rpfit$isplit[, 2:3], rpfit$dsplit), ncol = 5L,   
## dimnames = list(tname[rpfit$isplit[, 1L] + 1L], c("count",   
## "ncat", "improve", "index", "adj")))  
## index <- rpfit$inode[, 2L]  
## nadd <- sum(isord[rpfit$isplit[, 1L]])  
## if (nadd > 0L) {  
## newc <- matrix(0L, nadd, max(cats))  
## cvar <- rpfit$isplit[, 1L]  
## indx <- isord[cvar]  
## cdir <- splits[indx, 2L]  
## ccut <- floor(splits[indx, 4L])  
## splits[indx, 2L] <- cats[cvar[indx]]  
## splits[indx, 4L] <- ncat + 1L:nadd  
## for (i in 1L:nadd) {  
## newc[i, 1L:(cats[(cvar[indx])[i]])] <- -as.integer(cdir[i])  
## newc[i, 1L:ccut[i]] <- as.integer(cdir[i])  
## }  
## catmat <- if (ncat == 0L)   
## newc  
## else {  
## cs <- rpfit$csplit  
## ncs <- ncol(cs)  
## ncc <- ncol(newc)  
## if (ncs < ncc)   
## cs <- cbind(cs, matrix(0L, nrow(cs), ncc - ncs))  
## rbind(cs, newc)  
## }  
## ncat <- ncat + nadd  
## }  
## else catmat <- rpfit$csplit  
## if (nsplit == 0L) {  
## frame <- data.frame(row.names = 1L, var = "<leaf>", n = rpfit$inode[,   
## 5L], wt = rpfit$dnode[, 3L], dev = rpfit$dnode[,   
## 1L], yval = rpfit$dnode[, 4L], complexity = rpfit$dnode[,   
## 2L], ncompete = 0L, nsurrogate = 0L)  
## }  
## else {  
## temp <- ifelse(index == 0L, 1L, index)  
## svar <- ifelse(index == 0L, 0L, rpfit$isplit[temp, 1L])  
## frame <- data.frame(row.names = rpfit$inode[, 1L], var = tname[svar +   
## 1L], n = rpfit$inode[, 5L], wt = rpfit$dnode[, 3L],   
## dev = rpfit$dnode[, 1L], yval = rpfit$dnode[, 4L],   
## complexity = rpfit$dnode[, 2L], ncompete = pmax(0L,   
## rpfit$inode[, 3L] - 1L), nsurrogate = rpfit$inode[,   
## 4L])  
## }  
## if (method.int == 3L) {  
## numclass <- init$numresp - 2L  
## nodeprob <- rpfit$dnode[, numclass + 5L]/sum(wt)  
## temp <- pmax(1L, init$counts)  
## temp <- rpfit$dnode[, 4L + (1L:numclass)] %\*% diag(init$parms$prior/temp)  
## yprob <- temp/rowSums(temp)  
## yval2 <- matrix(rpfit$dnode[, 4L + (0L:numclass)], ncol = numclass +   
## 1L)  
## frame$yval2 <- cbind(yval2, yprob, nodeprob)  
## }  
## else if (init$numresp > 1L)   
## frame$yval2 <- rpfit$dnode[, -(1L:3L), drop = FALSE]  
## if (is.null(init$summary))   
## stop("Initialization routine is missing the 'summary' function")  
## functions <- if (is.null(init$print))   
## list(summary = init$summary)  
## else list(summary = init$summary, print = init$print)  
## if (!is.null(init$text))   
## functions <- c(functions, list(text = init$text))  
## if (method == "user")   
## functions <- c(functions, mlist)  
## where <- rpfit$which  
## names(where) <- row.names(m)  
## ans <- list(frame = frame, where = where, call = Call, terms = Terms,   
## cptable = t(rpfit$cptable), method = method, parms = init$parms,   
## control = controls, functions = functions, numresp = init$numresp)  
## if (nsplit)   
## ans$splits = splits  
## if (ncat > 0L)   
## ans$csplit <- catmat + 2L  
## if (nsplit)   
## ans$variable.importance <- importance(ans)  
## if (model) {  
## ans$model <- m  
## if (missing(y))   
## y <- FALSE  
## }  
## if (y)   
## ans$y <- Y  
## if (x) {  
## ans$x <- X  
## ans$wt <- wt  
## }  
## ans$ordered <- isord  
## if (!is.null(attr(m, "na.action")))   
## ans$na.action <- attr(m, "na.action")  
## if (!is.null(xlevels))   
## attr(ans, "xlevels") <- xlevels  
## if (method == "class")   
## attr(ans, "ylevels") <- init$ylevels  
## class(ans) <- "rpart"  
## ans  
## }  
## <bytecode: 0x0000000029e5b9f8>  
## <environment: namespace:rpart>

#### Response

The most important predictors in every model run thus far, including these two tree-based models, have been process predictors. The process variables held the majority of spots in the top 10 most important predictors in almost every model run thus far as well. However, some biological predictors creeped into the top 10 with our ctree and random forest models. Take a look at the ranked 2, 3, 5, and 9 spots in the table of importance from the random forest model:

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | ManufacturingProcess32 | 1.202 |
| 2 | BiologicalMaterial03 | 0.911 |
| 3 | BiologicalMaterial06 | 0.775 |
| 4 | BiologicalMaterial12 | 0.679 |
| 5 | ManufacturingProcess13 | 0.649 |
| 6 | ManufacturingProcess09 | 0.593 |
| 7 | ManufacturingProcess36 | 0.587 |
| 8 | BiologicalMaterial02 | 0.557 |
| 9 | ManufacturingProcess12 | 0.513 |
| 10 | BiologicalMaterial04 | 0.457 |

Now, look at ranked spots 2, 3, 5, 9, and 10 in our ctree model. Importance values have also changed scale, maxing out near 100, while our ctree maximum importance value was just over 1.

| **Rank** | **Predictor** | **Importance** |
| --- | --- | --- |
| 1 | ManufacturingProcess32 | 1.202 |
| 2 | BiologicalMaterial03 | 0.911 |
| 3 | BiologicalMaterial06 | 0.775 |
| 4 | BiologicalMaterial12 | 0.679 |
| 5 | ManufacturingProcess13 | 0.649 |
| 6 | ManufacturingProcess09 | 0.593 |
| 7 | ManufacturingProcess36 | 0.587 |
| 8 | BiologicalMaterial02 | 0.557 |
| 9 | ManufacturingProcess12 | 0.513 |
| 10 | BiologicalMaterial04 | 0.457 |

In any case, the top 10 predictors in linear and nonlinear models imply the same general rule, that manufacturing processes (especially ManufacturingProcess32, ManufacturingProcess13, and ManufacturingProcess09) are the most important predictors of Yield. If one desires to maximize Yield, it would be best advised to improve these processes.

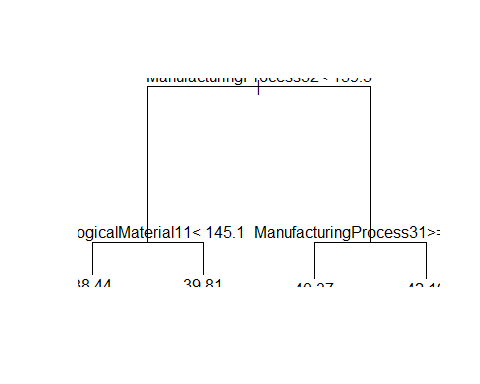
### Part C

#### Question

Plot the optimal single tree with the distribution of yield in the terminal nodes. Does this view of the data provide additional knowledge about the biological or process predictors and their relationship with yield?

#### Code

plot(singtree$finalModel)  
text(singtree$finalModel)



#### Response

Through the hierarchical structure shown in this plot of a single tree model, we can easily determine the most important predictor (ManufacturingProcess32) and its relationship with Yield through nodes (or limbs since we are using tree references). It also shows us how importance it gets distributed to the next two most important predictors in this data set. We could continue this through all the branches of a single model to see where all predictors are ranked.

For example, the single split in this model uses data from ManufacturingProcess32, which we suspected was the most significant influencer of Yield from our previous models. From this view we also notice that Yield and ManufacturingProcess32 are linearly related. An increase in one should result in an increase in the other. Since this is single tree model, we know that values are assigned by computing the mean of the group and splitting it by our single most important predictor, which is almost certainly, ManufacturingProcess32.

## Market Basket Analysis

#### Question

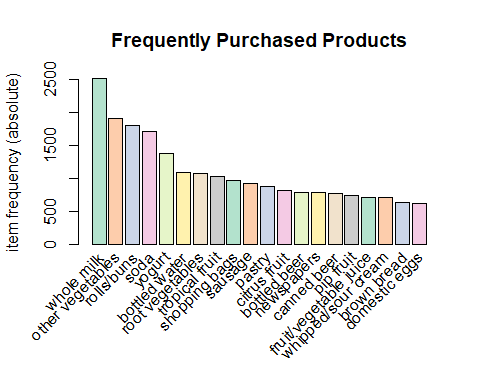
I am assigning one simple problem on market basket analysis / recommender systems. Imagine 10000 receipts sitting on your table. Each receipt represents a transaction with items that were purchased. The receipt is a representation of stuff that went into a customer’s basket – and therefore ‘Market Basket Analysis’. That is exactly what the Groceries Data Set contains: a collection of receipts with each line representing 1 receipt and the items purchased. Each line is called a transaction and each column in a row represents an item. Here is the dataset = GroceryDataSet.csv (comma separated file) Your assignment is to use R to mine the data for association rules. You should report support, confidence and lift and your top 10 rules by lift.

#### Code

library(arules)  
library(arulesViz)  
library(RColorBrewer)  
library(visNetwork)  
library(igraph)  
df <- read.csv(  
"https://raw.githubusercontent.com/palmorezm/msds/main/624/Data/hw\_2\_data/GroceryDataSet.csv")  
df\_sparse <- read.transactions(  
"https://raw.githubusercontent.com/palmorezm/msds/main/624/Data/hw\_2\_data/GroceryDataSet.csv",  
 format="basket",sep=",")  
summary(df\_sparse)

## transactions as itemMatrix in sparse format with  
## 9835 rows (elements/itemsets/transactions) and  
## 169 columns (items) and a density of 0.02609146   
##   
## most frequent items:  
## whole milk other vegetables rolls/buns soda   
## 2513 1903 1809 1715   
## yogurt (Other)   
## 1372 34055   
##   
## element (itemset/transaction) length distribution:  
## sizes  
## 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16   
## 2159 1643 1299 1005 855 645 545 438 350 246 182 117 78 77 55 46   
## 17 18 19 20 21 22 23 24 26 27 28 29 32   
## 29 14 14 9 11 4 6 1 1 1 1 3 1   
##   
## Min. 1st Qu. Median Mean 3rd Qu. Max.   
## 1.000 2.000 3.000 4.409 6.000 32.000   
##   
## includes extended item information - examples:  
## labels  
## 1 abrasive cleaner  
## 2 artif. sweetener  
## 3 baby cosmetics

itemFrequencyPlot(df\_sparse,topN=20,type="absolute",col=brewer.pal(8,'Pastel2'), main="Frequently Purchased Products")



association.rules <- apriori(df\_sparse, parameter = list(supp=0.004, conf=0.3))

## Apriori  
##   
## Parameter specification:  
## confidence minval smax arem aval originalSupport maxtime support minlen  
## 0.3 0.1 1 none FALSE TRUE 5 0.004 1  
## maxlen target ext  
## 10 rules TRUE  
##   
## Algorithmic control:  
## filter tree heap memopt load sort verbose  
## 0.1 TRUE TRUE FALSE TRUE 2 TRUE  
##   
## Absolute minimum support count: 39   
##   
## set item appearances ...[0 item(s)] done [0.00s].  
## set transactions ...[169 item(s), 9835 transaction(s)] done [0.01s].  
## sorting and recoding items ... [126 item(s)] done [0.00s].  
## creating transaction tree ... done [0.00s].  
## checking subsets of size 1 2 3 4 5 done [0.00s].  
## writing ... [735 rule(s)] done [0.00s].  
## creating S4 object ... done [0.00s].

length(association.rules)

## [1] 735

inspect(sort(association.rules, by = 'lift')[1:10])

## lhs rhs support confidence coverage lift count  
## [1] {liquor} => {bottled beer} 0.004677173 0.4220183 0.011082867 5.240594 46  
## [2] {berries,   
## whole milk} => {whipped/sour cream} 0.004270463 0.3620690 0.011794611 5.050990 42  
## [3] {herbs,   
## whole milk} => {root vegetables} 0.004168785 0.5394737 0.007727504 4.949369 41  
## [4] {citrus fruit,   
## other vegetables,   
## tropical fruit} => {root vegetables} 0.004473818 0.4943820 0.009049314 4.535678 44  
## [5] {other vegetables,   
## root vegetables,   
## tropical fruit} => {citrus fruit} 0.004473818 0.3636364 0.012302999 4.393567 44  
## [6] {citrus fruit,   
## other vegetables,   
## root vegetables} => {tropical fruit} 0.004473818 0.4313725 0.010371124 4.110997 44  
## [7] {citrus fruit,   
## other vegetables,   
## whole milk} => {root vegetables} 0.005795628 0.4453125 0.013014743 4.085493 57  
## [8] {citrus fruit,   
## root vegetables,   
## tropical fruit} => {other vegetables} 0.004473818 0.7857143 0.005693950 4.060694 44  
## [9] {herbs} => {root vegetables} 0.007015760 0.4312500 0.016268429 3.956477 69  
## [10] {tropical fruit,   
## whipped/sour cream,   
## whole milk} => {yogurt} 0.004372140 0.5512821 0.007930859 3.951792 43

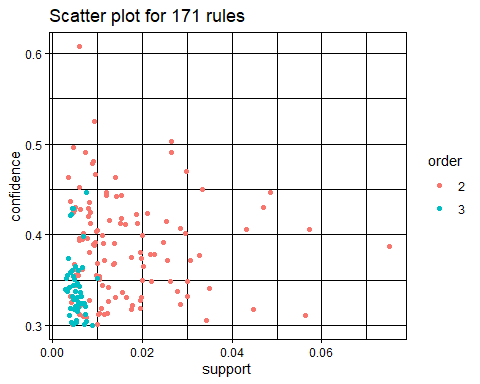
subset.rules <- which(colSums(is.subset(association.rules, association.rules)) > 1) # get subset rules in vector  
length(subset.rules)

## [1] 564

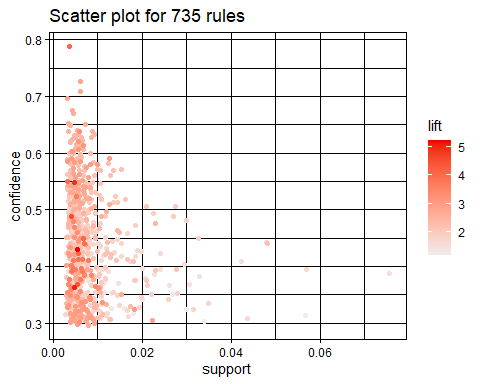
subset.association.rules. <- association.rules[-subset.rules] # remove subset rules.  
inspect(sort(subset.association.rules., by = 'lift')[1:10])

## lhs rhs support confidence coverage lift count  
## [1] {liquor} => {bottled beer} 0.004677173 0.4220183 0.011082867 5.240594 46  
## [2] {herbs} => {root vegetables} 0.007015760 0.4312500 0.016268429 3.956477 69  
## [3] {citrus fruit,   
## pip fruit} => {tropical fruit} 0.005592272 0.4044118 0.013828165 3.854060 55  
## [4] {pip fruit,   
## root vegetables} => {tropical fruit} 0.005287239 0.3398693 0.015556685 3.238967 52  
## [5] {tropical fruit,   
## whipped/sour cream} => {yogurt} 0.006202339 0.4485294 0.013828165 3.215224 61  
## [6] {margarine,   
## tropical fruit} => {yogurt} 0.004067107 0.4347826 0.009354347 3.116681 40  
## [7] {citrus fruit,   
## root vegetables} => {tropical fruit} 0.005693950 0.3218391 0.017691917 3.067139 56  
## [8] {pip fruit,   
## rolls/buns} => {tropical fruit} 0.004473818 0.3211679 0.013929842 3.060742 44  
## [9] {beef} => {root vegetables} 0.017386884 0.3313953 0.052465684 3.040367 171  
## [10] {tropical fruit,   
## whipped/sour cream} => {root vegetables} 0.004575496 0.3308824 0.013828165 3.035660 45

plot(subset.association.rules.,method="two-key plot")

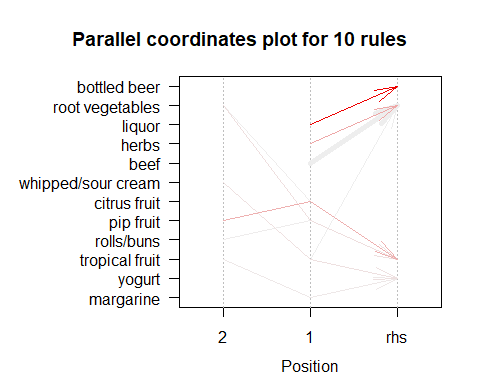


plot(association.rules)



top10subRules <- head(subset.association.rules., n = 10, by = "lift")  
plot(top10subRules, method = "graph", engine = "htmlwidget")

subRules2<-head(subset.association.rules., n=10, by="lift")  
plot(subRules2, method="paracoord")



#### Response

Our association rules mining was achieved using apriori algorithm functions available in the arules package, which we use throughout this analysis. Association rules mining is a two-step process:

1. Frequent Itemset Generation   
2. Rules Generation

Once the rules are generated, the top 10 rules were classified based on the output. To get there we loaded and summarized the data set as a sparce matrix. We then found the most frequently purchased products. The top 20 are shown in our code. We created our choice of minimum support to help classify the data. This formula is:

(Products purchased at least 5 times a day)/total number of transactions Supp = (6\*7)/nrow(df) = 0.004

Through trial and error on different combinations of items, we found that the confidence of 0.3 generated a decent number of rules for our combination. This produced a total of 735 rules and the top 10 rules are displayed as our “Parallel coordinates plot for 10 rules.” It appears the highest association is created for liquor and bottled beer with the life value of 5.24.

Going further, we cleaned up the redundant rules by subseting and down selecting our combination. The resultant highest association did not change but the other rules did. The results are shown in the “Parallel coordinates plot for 10 rules.” The most dependent purchases remained liquor and bottled beer with the life value of 5.24.