! "##\$! "% "&'(\$)*+' ! "#\$\&'''())")\$*\+,-.-\

",-./01-23'45'64728'9:40-;<' !4::/=/'45'>/8<.-40<:'<,;'!4??7,-23'6@-/,@/1' A/B<02?/,2'45'!8-:;'<,;'9<?-:3'627;-/1' 9:40-;<'!/,2/0'540'\$,@:71-./'!4??7,-2-/1C'<'",-./01-23'!/,2/0'540'+D@/::/,@/'-,' A/./:4B?/,2<:'A-1<E-:-2-/1'+;7@<2-4,C'#/1/<0@8C'<,;'6/0.-@/' FGGHF'>07@/'>I'A4J,1'>:.;IC'&K!'LFFG*')<?B<C'9%'GGMFL' +?<-:N'-4.<,,4,/O7151/;7' P84,/N'OFGRSTURFMSMV'9<DN'OFGRSTURMFFW'

%

+!&/0!1%!2320!45%&672!2373%

\$,;-.-;7<:-X/;'E/8<.-40'17BB4021R1B/@-5-@<::3'57,@2-4,<:'E/8<.-40'<11/11?/,2'<,;'57,@2-4,R :-,Y/;'E/8<.-40'17BB402'B:<,1'

& /<170/?/,2R1B/@-5-@<::3'5/<1-E:/'?/284;1'45'?/<170/?/,2'24'E/'71/;'E3'12<2/';/B<02?/,2' 45'/;7@<2-4,1C'1@844:';-120-@21C'<,;'/;7@<2-4,<:'B045/11-4,<:1'540'B04=0/11'?4,-240-,='2-/0'G' E/8<.-40'-,2/0./,2-4,1'<,;'?/<170-,='1312/?-@'-?B04./?/,21'

+.-;/,@/RE<1/;'B0<@2-@/1'540'127;/,21'J-28'<72-1?'1B/@207?';-140;/0'

,

6312/?1'@8<,=/Z1B/@-5-@<::3'0/:<2/;'24'-?B:/?/,2-,='/55/@2-./C'0/17:21R;0-./,'2-/0'G' E/8<.-40<:'17BB4021'-,'1@844:';-120-@21'

%

. 28! 223 5 29. \

P8IAI-, '+;7@<2-4, <: 'P13@84:4=30'[7, /'FSSM'

! ''#\$%& '#()*+,* - + . '(+ ''/* - + . '(+ ''/*O1**

&<12/0'45'+;7@<2-4,'-,'6B/@-<:'+;7@<2-4,C'[7,/'FSQQ' ' //#\$%&'#()*+,*2+.#'\$#33%/*2+.#'\$#33%/*45*** *

><@8/:40'45'6@-/,@/'-,'6B/@-<:'+;7@<2-4,C'[7,/'FSTM' ' 63%\$%37''8*9(7(%*!''#\$%&'#()/*63%\$%37''8/*: - ** *

%

9&426323%06.%42!7&:&407&;63'

- ' >4<0; '! /02-5-/; '>/8<..40'*, <:312'\'A4@240<2/C'LHHQR@700/, 2' ! /02-5-@<2/']7?E/0N'FRHORUTOS'
- ' * 72-1 ? 'A-<=,412-@'^E1/0.<2-4,'6@8/;7:/'_*A^6`C'LHHLR@700/,2' ' !:-,-@<:'!/02-5-@<2-4,''

5; **6**; **! 3**%**0 6**. %**0** < **0 !**. **3**%

+!; :233&; 609% / 2 / =2!35&+3%

* ?/0-@<, 'P13@84:4=-@<:'*114@-<2-4, '_*P*`'	FSSM'R'B0/1/,2'%	
*114@-<2-4,'540'*BB:-/;'>/8<40'*,<:31-1'\$,2/0,<2-4,<:'_*>*\$`'	LHFF'R'B0/1/,2''	%
! 47, @-:'45'+D@/B2-4, <:' ! 8-:;0/, '_ ! + ! `'	FSQW'R'B0/1/,2''	
9:40-;<'*BB:-/;'>/8<40'*,<:31-1'_9*>*`'	LHFU'R'B0/1/,2''	
]<2-4,<:'*114@-<2-4,'540'6@844:'P13@84:4=-121'_] *6P`'	FSSQ'R'B0/1/,2''	
*114@-<2-4, '540'P41-2/'>/8<40'67BB402'_*P>6`'	LHHU'R'B0/1/,2'	

5&852!&2.>407&;6&2?+2!&2642&

%

,

>)@'\$A#@BC%''D%3''EB,%:F''A@G(%

.

- A/B<02?/,2'45'!8-:;'<,;'9<?-:3'627;-/1' #/1/<0@8'*114@-<2/'P045/11400'LHLHRB0/1/,2' #/1/<0@8'*11-12<,2'P045/11400'LHHH\LHFS'
- !/,2/0'540' * 72-1 ? '<,; '#/:<2/; 'A-1<E-:-2-/1' *11-12<,2'A-0/@240C'LHHHRLHHW'

A/./:4B?/,2'<,;'P-:42')/12-,='45'28/'627;/,21'J-28'' *72-1?'*@@/11-,='a/,/0<:'+;7@<2-4,'_6**a+`'&4;/:' !4RP0-,@-B<:'\$,./12=<240C'[7:3'LHFW'R'B0/1/,2'

9:40-;<'A-<=,412-@'%/<0,-,='#/1470@/'!/,2/0'_9A%#6`'' &7:2-RA-1@-B:-,<03'!:-,-@'' A-0/@240C'LHFF'R'B0/1/,2'

)/@8,-@<:'*11-12<,@/'6B/@-<:-120'' 9:40-;<'P41-2-./'>/8<.-40'67BB402'P04c/@2'

A/./:4B?/,2'45'<,'\$,2/0./,2-4,'&4;/:'24'\$?B04./'+;7@<2-4,<:'^72@4?/1'45'b4728'-,' 9412/0'!<0/'E3'A/@0/<1-,='#7,<J<3'>/8<.-40C'[7:3'LHFF'\'[7,/'LHFUI' 9:40-;<'!/,2/0'540'\$,@:71-./'!4??7,-2-/1C'",-./01-23'45'64728'9:40-;<C')<?B<C'9%' a0<,2'!4,17:2<,2C'LHHS'R'LHFL'

%

+.-;/,@/R><1/;'\$,2/0./,2-4,'540'6/./0/'>/8<.-40'P04E:/?1N')8/'P0/./,2R)/<@8R#/-,540@/' &4;/:'_#<,;4?-X/;'!4,204::/;')0-<:`R!9A*'dQUIGLUPC'' A-.-1-4,'45'*BB:-/;'#/1/<0@8'<,;'+;7@<2-4,<:'67BB402C'",-./01-23'45'64728'9:40-;<C')<?B<C' 9%'

.

A-0/@240C'

FSSM'24'LHHH'

,

*72-1?'+,;401/?/,2'P04c/@2''
A-.-1-4,'45'*BB:-/;'#/1/<0@8'<,;'+;7@<2-4,<:'67BB402C'",-./01-23'45'64728'9:40-;<C')<?B<C'
9%'
P0-,@-B<:'\$,./12=<240C'[7:3'LHHG'\'[7,/'LHHU'
'*72-1?'6312/?'45'!<0/'
A-.-1-4,'45'*BB:-/;'#/1/<0@8'<,;'+;7@<2-4,<:'67BB402C'",-./01-23'45'64728'9:40-;<C')<?B<C'
9%'
P0-,@-B<:'\$,./12=<240C'[7:3'LHHL'\'[7:3'LHHW''
*
>)@'\$A##0ECW'DV3B-W7,''H(#'_K47124,C') e`'
FSSM'24'LHHH'
'*;c7,@2'9<@7:23''
'P0-?<03'2/<@8-,='<11-=,?/,2N'*11/11?/,2'@4701/1'
'
+ IJKL\+!;:233;609\2.>407&;6\2?+2!&2642\

! \$M@'') \&N\\2GE0(B@'') \\3\$A'@0\$\\4\$) B\$A'_K47124,C') e`'

+;7@<2-4,'6B/@-<:-12

! I'_LHLG`I'' ! 4, ;7@2-,='0<, ;4?-X/;'@4,204::/;'20-<:1'24'/.<:7<2/'1@844:RE<1/;'-,2/0./,2-4,1' 540'127;/,21'4,'28/'<72-1?'1B/@207?N' ! 4??4,'@8<::/,=/1'<,;'?-2=<2-4,'120<2/=-/1I''A+.&"73* +,*B%\$%3+CD%"(73*7"8*E>) '#<73*B#'7F#3#(#%'@**;.<,@/'4,:-,/'B7E:-@<2-4,I'' 822B1Nii;4-I40=iFHIFHHTi1FHQQLRHLGRHSSFQRUI''

%

'

^{\$}&'''())'')\$*%!-*'h'*,;/014,C'!I'_LHLG

822B1Nii; 4-I40=iFHIFFTTiFHTULSWMFTTLSTSWI''

- '\$g'627<02C'!IC'&'''())'')\$*%!-*%!041:<,;C'fIC'+.<,4.-@8C'%IC'h'f-,@<-;C'AI'_LHFM`I'*,'/.<:7<2-4,'
 45'!8/@YR-,i!8/@YR472'J-28'1@844:R<=/;'@8-:;0/,'0/1-;-,='-,'<'?/,2<:'8/<:28'20/<2?/,2'
 5<@-:-23@*P''(%&''7(#+''73*A+.&''73*+,*E+'#(#\$%*?%>7\$#+.&73*9.CC+&('/*T_L`/*GSRWHI'
- '%g'6:<22/03C'%IC' ! 041:<, ;C' f IC' h '&''' ())'') \$*% ! -'_LHFM`I'*, '/.<:7<2-4, '45'<'1/:5R ?<, <=/?/, 2' -, 2/0./, 2-4, '24'-, @0/<1/'4, R2<1Y'E/8<.-40' J -28'-, ;-.-; 7<:1'; -<=, 41/; 'J -28'<22/, 2-4, R; /5-@-2' 83B/0<@2-.-23'; -140; /0I'A+. & ''73*+, *E+ '#(#\$%*?%>7\$#+&*P ''(%&\$%''(#+ '' '/*0J/*FMQRFTSI' 822B1Nii; 4-I40=iFHIFFTTiFHSQGHHTFWWQQLQL'I'

- &'''())'') \$*\! -I'h '>0-/1@8C'*I'_LHFM`I''' 1/1'45'A>#'-, '-, ;-.-;7<:'-,2/0./,2-4,1I'\$,'6I'!8<547:/<1C')I'!I'#-:/3R)-::?<,C'h')I'!80-12'_+;1I`C'B#&%<(*?%>7\$#+&*X7(#''N*ZB?X[R*2#''\#''N* 7''%''D%''(/*<+DD.''#<7''8*#''(%&\$%''(#+'''I'BBI'FMWRFQQI']/J'b40YC']bN'a7-:540;I'
- &''' ())'')\$*\!-*'_LHFL`I')/<@8-,='127;/,21'J-28'<72-1?'<,;'4,'28/'<72-1?'1B/@207?I'\$,'>I'aI' !44Y'h'&I')<,Y/01:/3'_+;1I`C'X%'%7&<>=F7'%8*C&7<(#<%'*#''*'C%<#73*%8.<7(#+"I'6<;;:/'#-./0C'][N'P/<014,I''
- A7,:<BC'aIC'&'''())'')\$*% !-*'h'f-,@<-;C'AI'_LHHQ`I'+11/,2-<:'@4?B4,/,21'540'/55/@2-./' /;7@<2-4,<:'B04=0<?1I'\$,'[I'fI'%7-1/::C'/2'<:IC'_+;1I`C'

%

&''' ())'') *** !-' h '&@ ! 70; 3C'>I'_LHFS`I''P0/1-; /, 201'&/11<=/I''H''+<#7(#+''*,+&*E+'#(#\$%*?%>7\$#+&* 9. CC+&(*_%] '3%((%&/*OT*ZU[/*FRUI' 822BNii J J J I<BE1I40=i, / J 1:/22/0i5-:/1i*P>6n] / J 1:/22/0n (4:RFMn] 7 ? UIB;5''

%

- &'''())'') \$*\! -' h '&@ ! 70; 3C'>I'_LHFQ`I''P0/1-; /, 201'&/11<=/I''H''+<#7(#+ ''*, +&*E+ '#(#\$%*?%>7\$#+&* 9. CC+&(*_%] '3%((%&/*OT*ZI[/*FRUI' 822BNii J J J I<BE1140=i, / J 1:/22/0i5-:/1i * P>6n] / J 1:/22/0n (4:RFMn] 7 ? GIB; 5''
- &''' ())'') \$*\! -' h '&@ ! 70; 3C'>I'_LHFQ`I''P0/1-; /, 201'&/11<=/I''H''+<#7(#+''*, +&*E+'#(#\$%*?%>7\$#+&* 9. CC+&(*_%] '3%((%&/*OT*ZQ[/*FRUI' 822BNii J J J I<BE1140=i, / J 1:/22/0i5-:/1i*P>6n] / J 1:/22/0n (4:RFMn] 7 ? LIB;5''

%

- &"'())")\$*\! -*\h'f-,@<-;C'AI'_LHFT`I'!4??4,'2-/0'G'?3281I'H''+<#7(#+''*,+&*E+'#(#\$%*?%>7\$#+&* 9. CC+&(*_%]'3%((%&/*OL*ZI[/*GRUI' 822BNii J J JI<BE1I40=i,/J1:/22/0i5-:/1i*P>6n]/J1:/22/0n(4:RFWn]7?FIB;5'
- a 44; ?<, C'6I'h '&'' ' ()) '') \$*\! -'_LHFT`I'' * P>6'>4<0; ' "B; <2/N'H' '+<#7(#+ ''*, +&*E+ '#(#\$%*?%>7\$#+&* 9. CC+&(*_%] '3%((%&/*OT*ZO[/*FRUI' 822BNii J J J I<BE1I40=i, / J 1:/22/0i5-:/1i * P>6n] / J 1:/22/0n (4:RFMn] 7 ? FIB; 5''
- a 44; ?<, C'6I'h '&'''())'') \$*\! -'_LHFT`I''* P>6'>4<0; ' "B;<2/N'H''+<#7(#+ ''*, +&*E+ '#(#\$%*?%>7\$#+&* 9. CC+&(*_%] '3%((%&/*0L*ZU[/*FRUI' 822BNii J J J I<BE1140=i, / J 1:/22/0i5-:/1i*P>6n] / J 1:/22/0n (4:RFWn] 7 ? UIB;5''
- a 44; ?<, C'6I'h'&'''())'')\$*% !-'_LHFT`I''* P>6'>4<0; '"B;<2/N'H''+<#7(#+''*,+&*E+'#(#\$%*?%>7\$#+&* 9. CC+&(*_%]'3%((%&/*0L*ZI[/*FRUI' 822BNii J J J I<BE1I40=i,/J1:/22/0i5-:/1i*P>6n]/J1:/22/0n(4:RFWn]7?GIB;5'

859)("%:5.5:\$"#"\$""%&

&"''())") \$*\! -C'h'A7,:<BC'aI'_LHHF`I'*11/11?/,2RE<1/;'@700-@7:<0'-,2/0./,2-4,1'540'@8<::/,=-,='

&''' ()) '') \$*% ! -*%6/, -7YC'KIC' a - , ,1C'AIC' h ' ! :<0Y/C'6I'_LHLL`I''*O*&%''8 '*#''*(#%&%8*,+<. '*C. F3#<7(#+ ''* *J*#(>#''*(>%*A+.&''73*+,*E+'#(#\$%*?%>7\$#+&*P''(%&\$%''(#+'''/*OVVV=QMOJI''&<,71@0-B2'-,' B0/B<0<2-4,I'

&''' ()) '') **\$*****\!** -C' j -::-<? 1C'[IC'6<, @8/XC'6IC'h'f<7YC'] IC'_LHLG`I'*H&*%* *]* %*'(#33*+,,=<+. & '%d*G?H*7''8* ?PE*C&7<(#<%'*#''*'<>++3'@*_&<,71@0-B2'17E?-22/;'540'B7E:-@<2-4,`I'A/B<02?/,2'45'!8-:;'<,;' 9<?-:3'627;-/1C''',-./01-23'45'64728'9:40-;<I'

' %

,

8 ! 0 6 7 3 \ 0 6 . \ 4 ; 6 7 ! 0 4 7 3 \

*

:E)G\$G%2WB\$A)(F%8A()B#%()G%4'')BA(OB#%V+&%''A%4''J+&U%

۲

G. "8#"N*HN%"<)R*\$,12-272/45'+;7@<2-4,'6@-/,@/1'

- *E*. &*C*+ '%*R**+.<:7<2/' J 8/28/0'& * P6'-?B04./1'2/<@8/0'<,;'127;/,2'472@4?/1'<1'-?B:/?/,2/;' -,'0472-,/'@4,;-2-4,1'-,'<728/,2-@'/;7@<2-4,'1/22-,=1'E3'/,;'71/01'
- *HD*+. "(*+,**G*. "8#"*N***X*%*K*.%'(%8*R*'pGCGHHCHHH'_U'3/<01V'TiFiLHRMiGHiLU`''
- *E*&#''<#*C*73**P*''\$%'(#*N*7(+&*R**f-?'!041:<,;'

- 6+=E&#''<#C73*P''\$%'(#N7(+&R*!''#\$\&'''())'')\$*\A-<,<'64@-/'
- *O*#(3%R'&4;7:<0RE<1/;'!4,17:2<2-4,'71-,='+.-;/,@/R><1/;'P0<@2-@/1'540')/<@8/01'45'627;/,21' J-28'+?42-4,<:'A-1270E<,@/'_&^)\$(*)+A`'
- G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1'
- *E*. &*C*+ '%*R*'A/./:4B'<'?4;7:<0'50<?/J40Y'45'@:<11RJ-;/'E/8<.-40<:'-,2/0./,2-4,1'24'E/' -?B:/?/,2/;'-,'1/:5R@4,2<-,/;'@:<11044?1'17BB402-,='127;/,21'J-28'/?42-4,<:' ;-1270E<,@/I'
- QQ.2!(')TjETQQ.24000.248.5039593.6561689.9689!4,17:LH

E&#'' < #C73*P'' \$%'' (#N7(+&R*!''#\$&'''())'') \$

*

'

'

/:/?/,2<03'127;/,21'J-28'<72-1?'<,;'-,2/::/@27<:i;/./:4B?/,2<:';-1<E-:-23

$$\begin{split} & E \& \#'' < \#C73^*P'' \& (\#N7(+\&R^*!''\#\$)\&'''())'') \& \\ & O \#(3\%R^*9:40^-; <'A^-<=, 412^-@'<, ;'\%/<0, -, =' \#/1470@/'6312/?1'_9A\% \#6`'\&7:2^-; -1@^-B:-, <03' \\ & +; 7@<2^-4, <:'6/0.-@/'!/, 2/010' \\ & G. ''8\#''N^*HN\%''<)R'9:40^-; <'A/B<02?/, 2'45'+; 7@<2^-4, ' \\ & E. \&C+'\%'P04.-; /'0<, =/'45'1/0.-@/1'^-, @:7; -, ='; -<=, 412^-@'/.<:7<2^-4, '<, ;'@4, 17:2<2^-4, '1/0.-@/1' \\ & 540'@8-:; 0/, '<, ;'34728'-; /, 2^-5-/; '<1'8<.-, ='@4?B:/D'?/; -@<:C'/; 7@<2^-4, <:C'/?42^-4, <:C'<, ;i40' \\ & E/8<.-40<:'B04E:/?1' \\ & HD+. ''(*+,*G. ''8\#''NR^*pGSMCWLW' \\ & E\& + e\%<(*B7(\%'R^*TiFiFF')'MiGHiFL') \end{split}$$

$$\begin{split} & E \& \#'' < \# C73^{3}P'' \$ \%'(\# N7(+ \& R^* ! '' \# \$ \& W'' ()) '') \$ \\ & O \# (3\% R^* * 72 - 1 ? '6312/ ? '45' ! < 0/ Z b / < 0'L^* \\ & G. ''8 \#'' N^* HN\%'' <) R^*9 : 40 - ; <'A / . / : 4B ? / , 2 <: 'A - 1 < E - : -2 - /1' ! 47 , @ - :' \\ & E. \& C + '\% R' A / . / : 4B'20 <- , - , = '@700 - @7:7 ? '24'5 < @ - : -2 < 2/' < ; 4B2 - 4 , '45'1@0// , - , = 'B04@/ ; 70/1'E3' \\ & 8 / <: 28'@ < 0/'B04 . - ; /01' - , '12 < 2/V'LI'A / . / : 4B'20 <- , - , = '@700 - @7:7 ? '24'E7 -: ; ' ? / , 2 <: '8 / <: 28' \\ & B04 . - ; /010' < J < 0/ , /11'45' , // ; 1'45' < ; 7:21' J - 28' ; 7 <: ' ; -< = , 41 - 1'_; / . / : 4B ? / , 2 <: ' ; -1 < E -: -23' < , ; ' \\ & ? / , 2 <: '8 / <: 28' ; -140 ; /0' \\ & HD + . ''(*+, *G. ''8 \# ''N R^* pQHCHHH' \\ & E \& + e \% < (*B7(\% 'R^*UiFiHU'R'UiFiHW')' \\ & Y \end{split}$$

$$\begin{split} & E \& \# " < \# C73^{*P} " \& " (\# N7(+\&R*!"\# \& ": ())") \& \\ & O \# (3\% R^**72-1?'6312/?'45'!<0/Z'b/<0'F^* \\ & G. "8 \# "N*HN\%" <) R*9:40-; <'A/../:4B?/,2<:'A-1<E-:-2-/1'!47,@-:' \\ & E. \& C+ '\% R' \& ; /,2-53', <2-4, <:'/55/@2-../'B0<@2-@/1'540'17BB402-,='-,;--:;7<:1'J-28'<72-1?V' \\ & .<:7<2/'9:40-; <01'-?B:/?/,2<2-4, '45'/55/@2-../'B0<@2-@/1'<,;'-;/,2-53'=<B1V';/../:4B'120<2/=-@' \\ & <@2-4, 'B:<, '24'<;;0/11'=<B1' \\ & HD+. "(*+,*G. "8 \# "NR*pTWCHHH'' \\ & E \& + e \ll (*B7(\% 'R'TiFiHL' \'TiFiHG') \end{split}$$

E&#''<#C73*P''\$%'(#N7(+&R***!''#**\$%&'''())'')\$% *O*#(3%R**72-1?'+,;401/?/,2'P04c/@2* *G*. ''8#''N*HN%''<)R*9:40-;<'A/B<02?/,2'45'+;7@<2-4,' *E*. &C+'%R*A/./:4B'<'B04@/11'540'28/'/;7@<2401'-,'9:40-;<'24'4E2<-,'<,'<72-1?'/,;401/?/,2' *HD*+. ''(*+,**G*. ''8#''NR*pFMFCWHH' *E*&+*e*%<(**B*7(%'R*SIFIHG'R'MIFIHU''

8A()B#%3EQH@BB\$GJ&)%!\$'@\$S'

*

E&#''<#*C*73**P*''\$%'(#*N*7(+&*R****!''#**\$%&'''())'')\$'

- *6*+=*E*&#"<#*C*73**P*"\$%'(#*N*7(+&'*R***:-14,'6<:::47?C'68<,,4,'67:;4C'f-?'!041:<,;'
- 6 + P'' (#N7(+&'R*[/550/3' j ::- < ?1'
- *O*#(3%R*62/BB/;'!<0/'*BB04<@8'540'*;;0/11-,='b4728R&42-.<2/;'6@844:'#/571<:'>/8<.-401N' 6)*bI'
- *G*. "8#"N*HN%"<)R*\$,12-272/'45'+;7@<2-4,'6@-/,@/1'
- *E*. &*C*+ '%*R**A/./:4B'<' ?<,7<:-X/;'-,2/0./,2-4,'-,2/=0<2-,='@4=,-2-./'E/8<.-40'28/0<B3'<,;' 57, @2-4,<:'E/8<.-40'<11/11?/,2'24'<?/:-40<2/'34728R?42-.<2/;'1@844:'0/571<:'E/8<.-401'

HD+. "(*+,**G*. "8#"*N***X*%*K*.%'(%8*R*'pLCWHHCHH'_U'3/<01`' 9. *FD*#''#+ "**B*7(%*R*'#/17E?-11-4, 'SiLHiLG

<u>8A()</u>B#%3EQH@BB\$GJ6''B%:E)G\$G'

E&#'' < #C73*P'' \$%'(#N7(+&R*!''#\$&'''())'')6+=E&#"<#C73*P"\$%'(#N7(+&R*A4, 'f-,@<-;C'!3,28-<'*,;/014, ' *O*#(3%R*+55-@<@3')0-<:'45'P0/./,2R)/<@8R#/-,540@/R6/@4,;<03'P)#R6+!`' G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1' $E.\&C+'\%R^*+.<:7<2/'28/'/55/@2-./,/11'45'P)$ #R6+!'-,'?-;;:/'<,;'8-=8'1@844:1'540'0/;7@-,=' @8<::/,=-,='E/8<.-401'<,;'-?B04.-,='127;/,2'<@<;/?-@'<,;'14@-<:iE/8<.-40<:'472@4?/11' *HD*+. "(*+, **G*. "8#"*N***X*%*K*. %'(%8*R*'pGCGHHCHHH'_U'3/<01`' X%'.3('R*P<,/:/:'<.:'1@40/:'LIWW' 0<,=/'-1'FIH'\'WIH'J-28'F'E/-,='/D@/::/,2'' *E*&#''<#C73*P''\$%'(#N7(+&R*!3,28-<'*,;/014,'&<3'\$,12-272/`' 6+=E&#"<#C73*P"\$%'(#N7(+&R*!"#\$\&"'())")\$C'67X<...<8'\$<:<04:<' *O#(3%R**+55-@<@3') 0-<:'45'28/'&4:7:<0'*BB04<@8'540'*72-1?'P04=0<?1'-.'6@844:1' & **P6'' G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1' *E*. &*C*+ '%*R**+. <:7<2/' J 8/28/0'& * * P6'-? B04./1'2/<@8/0'<, ; '127; /,2'472@4?/1'<1'-?B:/?/,2'; ' -, '0472-, /'@4, ;-2-4, 1'-, '<728/, 2-@'/; 7@<2-4, '1/22-, =1'E3'/, ; '71/01' HD+. "(*+,*G. "8#"N*X%K.%'(%8R'pGCGHHCHHH' U'3/<01`' *X*%'.3('*R*'P<,/:/;'<,;'1@40/;'LIFG' 0<,=/'-1'FIH'\'WIH' J-28'F'E/-,='/D@/::/,2`' E&#'' < #C73*P'' \$%'(#N7(+&R*f-?'!041:<,;')6+=E&#"<#C73*P"\$%'(#N7(+&R*!"#\$\&"'())")\$*\A-<,<'64@-/' O#(3%R'&4;7:<0RE<1/; '!4,17:2<2-4, '71-,='+.-; /, @/R><1/; 'P0<@2-@/1'540') /<@8/01'45'627; /, 21' $J - 28' + ? 42 - 4, <: A - 1270E <, @/' & ^) (*) + A''$ G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1' *E*. &*C*+ '%R'A/./:4B'<'?4;7:<0'50<?/J40Y'45'@:<11RJ-;/'E/8<.-40<:'-,2/0./,2-4,1'24'E/' -?B:/?/,2/;'-,'1/:5R@4,2<-,/;'@:<11044?1'17BB402-,='127;/,21'J-28'/?42-4,<:' :-1270E<.@/I' *HD*+. "(*+,*,. "8#"N*X%K.%'(%8R'pFCWHHCHHH'_G'3/<01`' X%'.3('R*P<,/:/;'<,;'1@40/;'LIWW'_0<,=/'-1'FIH'\'WIH'J-28'F'E/-,='/D@/::/,2`' *E*&#''<#*C*73*P''\$%'(#*N*7(+&R* **! ''#\$**%&'''())'')\$' 6 + = Ed#'' < #C73*P'' %'(#N7(+dR*A4, 'f-, @<-;C'!3, 28-<'*, ;/014, ')*O*#(3%R*+55-@<@3')0-<:'45'P0/./,2R)/<@8R#/-,540@/R6/@4,;<03'P)#R6+!`' G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1' $E_{C} + \frac{1}{2} + \frac{1}{2$ @8<::/,=-,='E/8<.-401'<,;'-?B04.-,='127;/,2'<@<;/?-@'<,;'14@-<:iE/8<.-40<:'472@4?/11' *HD*+. "(*+,*G. "8#"N*X%K.%'(%8R'pGCGHHCHHH' 9(7(. 'R*] 42'57, ; / ; V'0/17E ? -22/; ' * 7=712'LHFQ' $E\&\#'' < \#C73*P'' \$\%'(\#N7(+\&R^*)) - 120 < ?'6? - 28'$ 6+=E&#"<#C73*P"\$%'(#N7(+&R*!"#\$\&"'())")\$C'!3,28-<'*,;/014,'

O#(3%R+55-@<@3') 0-<: '45'28/'&4;7:<0' * BB04<@8'540' * 72-1? 'P04=0<?1'-, '6@844:1' & * * P6`'*

G. "8#"N*HN%"<)R*\$, 12-272/'45'+; 7@<2-4, '6@-/, @/1'

\$,2/0,<2-4,<:'!4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB4020'[<@Y14,.-::/0'9%I'

&'''())'')\$*% !-*% h ' f /, ;<::C'] I'_LHLLC'^@24E/0`I''*E*&%\$%''(=0%7<>=X%#'',+&<%*ZEOX[R*PDC&+\$#''N* *G*?*H*^?*PE**+.(<+*D*%'*,+&*'(.8%''('@''P0/1/,2/;'<2'28/'LHLL']<2-4,<:'P>\$6'%/<;/018-B'9407?C' !8-@<=4C'\$%'

&"''())")\$*%!-%_LHLLC'^@24E/0`I''

'

P>\$6'%/<;/018-B'9407?C'!8-@<=4C'\$%I' &'''())'')\$*%!-%_LHFTC'[7,/`I'*OHOSR*PDC*&+\$#''N*G?H^?PE*C&7<(#<%'0' j 40Y184B'B0/1/,2/;'<2'28/'

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&'''())'')**\$***%**!**-%

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114@-<2-4,'540'P41-2-./'>/8<.-40'67BB4020'>4124,0'&'

- >:<-0C' f I'6IC'&'''())'')\$*% !-C' ! 041:<,;C' f IC' !-.-;-,-R&422<C' ! I' h ' a-,,1C'AI'_LHLFC'&<3`I'' P''(%&8#'<#C3#''7&)*<+337F+&7(#+''*. '#''N*(>%*C&%\$%''(=(%7<>=&%#'',+&<%*ZEOX[*D+8%3*,+&* <>#38&%''*]#(>*8#'7F#3#(#%'%''P0/1/,2/;'<2'28/'UT'-'*,,7<:'!4,./,2-4,'^,:-,/'45'28/' *114@-<2-4, '45'>/8<.-40'*,<:31-1'\$,2/0,<2-4,<:I'
- &'''())'') \$*\\ !-'_LHLFC'&<0@8`I''*E*&%\$%''(=0%7<>=X%#'',+&<%*ZEOX[R*H''*#''8#\$#8.73#Y%8*F%>7\$#+&* #''(%&\$%''(#+''*C&+<%''*,%7'#F3%*,+&*'<>++3*#DC3%D%''(7(#+''0''P0/1/,2/;'<2'28/'FQ'-' \$,2/0,<2-4,<:'(-027<:'!4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB402I'
- >:<-0(' f I'6I' ! IC' h '&'' ' ()) '') \$*\ !-\LHFSC'9/E07<03`I'' ! '#''N*(>%*E&%\$%''(=0%7<>=X%#'',+&<%*ZEOX[* D+8%3*#''*'<>++3=F7'%8*F%>7\$#+&73*<+'' . 3(7(#+''0'P0/1/,2/;'<2'28/'FM·-'\$,2/0,<2-4,<:' ! 4,5/0/,@/'4, 'P41-2-./'>/8<.-40'67BB402(' j <18-,=24,C'A ! I'
- &"'())") \$*% !-C'&@9//C' f IC' h '!<11/::C'+I'_LHFSC'9/E07<03`I'' ! '#"N*7*D+8.37&*7CC&+7<>*(+* '.CC+&(*#"8#\$#8.73*'(.8%"('*]#(>*7.(#'D*#"*'<>++3'@**P0/1/,2/;'<2'28/'FM^{.-}'\$,2/0,<2-4,<:' !4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB402C' j <18-,=24,C'A ! I'
- **&'''())'')**!** -'_LHFSC'9/E07<03`I''*E*&%\$%''(=0%7<>=X%#'',+&<%*ZEOX[R*H*,%7'#F3%*7''8*%,,%<(#\$%*(%7D=F7'%8*G?H^?PE*C&+<%''@*P0/1/,2/;'<2'28/'FM·-'\$,2/0,<2-4,<:'!4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB402C' j<18-,=24,C'A!I'
- **&'''())'')**!**-*****_LHFQC'^@24E/0`I'*H***D*+8.37&*7CC&+7<>*,+&*#DC3%D%''(#''N*%\$#8%''<%=F7''%8*C&7<(#<%'* ,+&*'(.8%''(*]#(>*7.(#'D*'C%<(&.D*8#'+&8%&@'P0/1/,2/;'<2'28/'UF…'*,,7<:')/<@8/0' +;7@<2401'540'!8-:;0/,'J-28'>/8<.-40<:'A-140;/01'!4,5/0/,@/C')/?B/C'*rI'
- &"'())")\$*% !-%_LHFQC'&<0@8`I'9(.8%"('*]#(>*7.(#'D*7<<%''#"N*N%"%&73*%8.<7(#+"*Z9HH c S[R*H"* #"8#\$#8.73#Y%8*D+8.37&*7CC&+7<>@'P0/1/,2/;'<2'28/'FW^{,-}'\$,2/0,<2-4,<:'!4,5/0/,@/'4,' P41-2-./'>/8<.-40'67BB402C'6<,'A-/=4C'!*I'

6/,-7YC'KIC'640<@@4C'[IC'h'&'''())'')\$*\!-C'_LHFQ

- 94,2/@8-<C' f IC' ! <11/::C'+IC'K<3,/1C'#IC' !:<0Y/C'6IC'&'' ()) '') \$*\ ! -'_LHFTC' ^ @24E/0`I'67'%*'(.8)* 8%D+'''(&7(#+'''*+,*(>%*EOX*D+8%3*(+*#DC&+\$%*<>#38*F%>7\$#+&*#''*%3%D%''(7&)*7''8*D#883%* '<>++3'0'6/11-4, 'B0/1/,2/; '<2'28/'GT·-'*,,7<:'9:40-;<'*114@-<2-4, '45'>/8<.-40'*,<:3121C' A<324,<'>/<@8C'9%I'
- &''' ()) '') \$*\! : -*' ! 80-12-<, 1/, C' f IC' h '#4 ? /0C'] I'_LHFTC' &<0@8`I'P '*)+. &*8# '(&#<(*C&+8.<#''N*>#N>* K. 73#(

'

- &"'())")\$*% !-%_LHFUC'&<0@8`I'*E*&%\$%"(=0%7<>=X%#",+&<%R* a 7\#"N*7"*#"8#\$#8.73#Y%8*F%>7\$#+&* #"(%&\$%"(#+"*C&+<%''*,%7'#F3%*,+&*#DC3%D%"(7(#+"%'P<B/0'B0/1/,2/;'<2'28/'?//2-,='45'28/' *114@-<2-4, '540'P41-2-./'>/8<.-40'67BB402C'! 8-@<=4C'\$%'
- ! 041:<,; C' f IC' (<2:<,; C' ! IC' h '&''' ())'') \$*% ! -%_LHFUC' &<0@8`I'9(7)*C. (*m***S* ''>7''<#''N*'(7F#3#()*,+&*)+.(>*#''*,+'(%&*<7&%*]>+*&. ''*7]7)@'P<B/0'B0/1/,2/;'<2'28/'?//2-,='45'28/'*114@-<2-4,'540' P41-2-./'>/8<.-40'67BB402C' ! 8-@<=4C'\$%'
- &'''())'') \$*\LHFGC'&<0@8`I'*E*&%\$%''(=0%7<>=X%#'',+&<%R* a 7\#''N*7''*#''8#\$#8.73#Y%8*F%>7\$#+&* #''(%&\$%''(#+''*C&+<%''*,%7'#F3%*,+&*#DC3%D%''(7(#+''\P<B/0'B0/1/,2/;'<2'28/'?//2-,='45'28/' * 114@-<2-4, '540'P41-2-./'>/8<.-40'67BB402C'6<, 'A-/=4C'!*I'
- &"'())")\$*\L+\\K4;=/1C'6IC'h'!041:<,;C'fI'_LHFUC'9/E07<03`I'PDC&+\$#"N*\%8.<7(#+"73*'.<<\''*,+&*)+.(>*#"*,+'(%&*<7&%*]>+*&."*7]7)@'P<B/0'B0/1/,2/;'<2'28/'?/2-,='45'28/']<2-4,<:' *114@-<2-4,'45'6@844:'P13@84:4=-121'_]*6P`C' j<18-,=24,C'A!I'

; B, \$A\\+A''D\$##@'') (F\\. \$'\$F''PH\$)B\\+A\$#\$)B(B@'')#J3\$A'@O\$\\()G\\4'')#EFB(B@'')&DLXKZJLXK[E&

- &'''())'') ** !-'_LHFUC'^@24E/0`I'*HB B*^?%>7\$#+&*'(&7(%N#%'@'P0/1/,2<2-4,'<2'28/']4028'A<Y42<' A/B<02?/,2'45'P7E:-@'\$,1207@2-4,'9<:::'!4,5/0/,@/C'>-1?<0@YC']AI'
- **&'''())'')\$*****\!**-'_LHFUC'[7:3`I'*O*#%&**O**C+'#(#\$%*F%>7\$#+&*'.CC+&(R*H88&%''#''N*(>%*F%>7\$#+&'*+,*733*'(.8%''('\!')80//R;<3'20<-,-,='B0/1/,2/;'24'28/'*,@840<=/'6@844:'A-120-@2C'*,@840<=/C'* fI'
- &'''())'') \$*% !-%_LHFUC'* B0-:`I'*H8*\$7''<%8**E0X*^?%>7\$#+&*#''(%&\$%''(#+'''@')0<-,-,='B0/1/,2/;'540'28/' A/:<J<0/'P41-2-./'>/8<.-40'67BB402'P04c/@2C'A4./0C'A+I'
- **&'''())'')\$*\!**-\LHFU'9/E07<03`I'*B*%\$%3+C#''N*%,,%<(#\$%*7''8*,%7'#F3%*,.''<(#+''=F7'%8*#''(%&\$%''(#+''*

<u>]/J'!4701/1'A/./:4B/;</u>'

& K6'MSUW'%/<; /018-B'P0<@2-@7?'-, '*=/, @-/1'6/0.-@-,='' !8-:;0/,'<, ;'*;4:/1@/,21'J-28'A/./:4B?/,2<:'A-1<E-:-2-/1' 9<:::'LHFUI'

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4; / / &77223'

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<u>7,\$#@#</u>'

<u>! 700/, 2</u>.....

1 7007,2	
'''''LHLLRB0/1/,2	2''&<0-11<'A/:'(/@@8-4C'&<12/0o1')8/1-1'@4??-22//'?/?E/0C'*>*'
''''''LHLFRB0/1/,2	2' *:/D-1'%4B/DC'&<12/001')8/1-1'@4??-22//'?/?E/0C'*>*' '
<u>! 4 ? B:/2/ ; '</u>	1
LHFSRLHLH']-@84:<1'6@8//:C'28/1-1'@4??-22//'?/?E/0C'6@844:'P13@84:4=3'
LHFSRLHLH'	K4::<,;'K<3540;C'&<12/001'28/1-1'@4???-22//'@4R@8<-0C'6@844:'P13@84:4=3'
LHFQRLHFS'	645-<'#/3/10'&<12/001'28/1-1'@4??-22//'?/?E/0''
LHFQRLHFS'	A/<,,<'A//,-8<,C'&<12/001'28/1-1'@4??-22//'?/?E/0''
LHFTRLHFQ'	!<1-/'P//2C'&<12/001'28/1-1'@4??-22//'?/?E/0''
LHFWRLHFQ'	#/,//'^0,;755C'+;I6I'28/1-1'@4??2-22//'?/?E/0''
LHFWRLHFM'	+?-:3'><24,C'&<12/001'28/1-1'@4??-22//'?/?E/0''
LHFWRLHFM'	+:-X <e !<11="" '?="" 0''<="" 001'28="" 1-1'@4="" 28'="" ::c'&<12="" ?="" ?-22="" ?e="" td=""></e>
LHFWRLHFM'	f<-2:-,'67::<,C'&<12/001'28/1-1'@4??-22//'?/?E/0''
LHFURLHFW'	6<0<'><0,/1N'&<12/001'28/1-1'5<@7:23'<;140''
LHFFRLHFU'	*,;0/<'P/0;4?4N'&<12/001'28/1-1'5<@7:23'<;140'
LHFLRLHFU''	!0312<:'627<02N'&<12/001'28/1-1'@4??-22//'?/?E/0'
LHFGRLHFU'	&-0- ') 3/N'&<12/001'28/1-1'@4??-22//'?/?E/0'</td

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<u>!4?B:/2/;</u>'

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LHFSRLHLH'	#<@8/:'><-:/30'A4@240<:';-11/02<2-4,'@4???-22//'?/?E/00'6@844:'
	P13@84:4=3'
LHFQRLHFS'	%-,;1/3'6:<22/030'A4@240<:';-11/02<2-4,'@8<-0'<,;'5<@7:23'<;1/0'
LHFQRLHFS'	%/1:-/'6-,=/0C'A4@240<:';-11/02<2-4,'@4??-22//'?/?E/0'
LHFQRLHFS'	[/11-@<'&440/C'A4@240<:';-11/02<2-4,'@4??-22//'?/?E/0'
LHFLRLHFG''	>4,,-/'j44;1N'A4@240<:';-11/02<2-4,'@4??-22//'?/?E/0'
LHHQRLHFF''	[/,-,/'6<,1412-N'A4@240<:';-11/02<2-4,'@4??-22//'?/?E/0'
LHHWRLHHQ''	f <8:-:<'aI'&<@YN'A4@240<:';-11/02<2-4,'@4???-22//'?/?E/0'

040.2/&4%06.%+!;:233&;609%32!N&42'

2F\$OB\$G\; DD@O\$A\+''#@B@'')#\\\+A''D\$##@'')(F\; AM()@](B@'')#\

0##"'0@(B@")%D"A%+"'#@B@'\$%=\$,('@"A%3EPP"AB%V**0**+=3U%

)0/<170/0'_LHLLRB0/1/,2`' 1

- ' P0/1-;/,2'_LHFQRLHLF`'
- ,

[/11-@<'f-,=1:/3'P7E:-18/01'LHFL'\'LHFG'

'',-./01-23'45']4028'!<04:-,<C']<2-4,<:'*72-1?'!/,2/0C'LHFL' \$\$#8%''<%=?7'%8*E&7<(#<%'*!C87(%*h+&\N&+.C*

- 6/0./; '<1'<'0/.-/ J/0'45'127;-/1'<, ; '0<2/; '/.-; /, @/RE<1/; 'B0<@2-@/1'540'-, @:71-4, '-, ' 28/'P8<1/'L'_7(#+"73*9(7"87&8'*E&+e%<(*X%C+&('
- %

>)@'\$A#@BC%4"HH@BB\$\$%+(AB@O@P(B@")'

[7;=/'<2' a0<;7<2/'627;/,2'#/1/<0@8'63?B41-7?' LHFS'

! 4::/=/'45'>/8<.-40<:'<, ;' ! 4 ? ? 7, -23'6@-/, @/10'A/B<02?/,2'45' ! 8-:; '<, ;'9<?-:3' 627;-/1'\$? B<@2'#/B402' j 0-2-,=')/<?'' LHFGRLHFW'

a4./0,<,@/'!4???-22//'

LHFLRLHFU'

LHLG'

» • • •

<u>0 S (AG%4"HH@BB\$\$#</u>'

!47,@-:'45'+D@/B2-4,<:'!8-:;0/,'

A-.-1-4, '45'#/1/<0@8'+<0:3'P7E:-@<2-4, '* J<0; '!4???-22//'

3B(B\$*\\30, '''F*\\''A\\4 ''**HHE**)@BCJ=(#\$G\3\$A'@0\$_4'')#EFB(B@'')\

%

4 "'FF\$B") % **4** "'E) BC%30, ""'F% . 0#BA00B*% < (FB\$AQ''A''*%3**4**' LHLL' * 7=712'

• P<-; '@4, 17:2<, 2'24'B04.-; /'B045/11-4, <:'; /./:4B?/, 2'4, 'P) #'

9\$(A)@)M%**4**\$)B\$A%**30**,''''F*%=''M''B(*%**4**''FEHQ@(%

LHLF'*7=712R]4./?E/0'

• P<-; '@4, 17:2<, 2'24'B04.-; /'B045/11-4, <:'; /./:4B?/, 2'4, 'P) #'

=\$AHEG(\%.\$P(ABH\$)B\"D\\$2GEO(B\")*\\$2GEO(B\")\%;DD\05\\D"A\\=\$,('\"EA\ LHLLC'[<,7<03R9/E07<03'

• P<-; '@4,17:2<,2'24'B04.-; /'B045/11-4,<:'; /./:4B?/,2'4, 'P)#'

! \$M0'') %KX*%`EHQA''%2GEO(B0'') % . 0#BA0OB*%=CA'') *% / 6 %% LHLHRLHLF'

- P<-; '@4, 17:2<, 2'24'B04.-; /'B045/11-4, <:'; /./:4B?/, 2'4, 'P) #'
- %

+\$))#CF'()@((7A(0))M%()G%7\$0,)@0(F%0##0#B()0\$%6\$BS''AR*_P-221E70=8C'f-,='45'P0711-<C'h'K<00-1E70=C'P*`''

LHFL'A/@/?E/0RB0/1/,2*

• P<-; '@4, 17:2<, 2'24'B04.-; / '2/@8, -@<:'<11-12<, @/C'B045/11-4, <:'; /./:4B?/,2C'<, ; '@4, 17:2<2-4, ' 4, '-?B:/?/,2-,='-, ;-.-; 7<:-X/; 'E/8<.-40'17BB4021I'

. \$F(S(A\$%+''#@B@'\$%=\$,('@''A%3EPP''AB%+A''a\$OB%

LHFF'^@24E/0RB0/1/,2'

,

'

P<-; '@4, 17:2<, 2'24'B04.-; /'2/@8, -@<:'<11-12<, @/C'B045/11-4, <:'; /./:4B?/, 2C'<, ; '@4, 17:2<2-4, ' 4, '-?B:/?/, 2-, ='-, ;-.-; 7<:-X/; 'E/8<.-40'17BB4021I'*'c4-, 2'B04c/@2'45'28/'", -./01-23'45' A/:<J<0/' ! /, 2/0'540'A-1<E-:-2-/1'627; -/1'<, ; '28/'A/:<J<0/'A/B<02?/, 2'45'+; 7@<2-4, I'</p>

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