



+ ! ; : 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/'P045/1140C'LHLHRB0/1/,2'  
 #/1/<0@8' \* 11-12<, 2'P045/1140C'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/@-<:-12C''  
 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'

\*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#@BC%'D%3B-%7, "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 ; 6 0 9%2 . > 4 0 7& ; 6%2 ? + 2 ! & 2 6 4 2%

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

FSSM'24'LHHH'

' +; 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'  
[822B1Ni; 4-I40=iFHIFHHTi1FHQQLRHLGRHSSFFQRUI'](#)

%  
\$&'')\$%!-\*'h'\* ,;/014,C'!I\_LHLG'I'!0-2-@<:'-117/1'<,;'20/,;1'-,'28/'-?B:/?/,2<2-4,'45'  
/.-;/,@/RE<1/;'B0<@2-@/1'-,'/;7@<2-4,<:'1/22-,='1'540'127;/,21'J-28'<72-1?'N'\*'LHR3/<0'7B;<2/N'  
\$,204;7@2-4,'24'28/'1B/@<:'1/0-/'1I'G+<.'\*+''H.(#'D\*7"8\*:(>%&\*B%\$%3+CD%''(73\*B#'7F#3#(##%'\*  
IJ\_F`C'GRUI'[822B1Ni; 4-I40=iFHIFFTTiFHQQGWTMLLFFUUTGGI'](#)

%  
g A//,-8<,C'AC'>:<-0C' fI' j IC'h'&'')\$%!-LHLG'I'+.<:7<2-,='28/'P0/./,2R)/<@8R#/-,540@/  
?4;/:540'8-=8'1@844:'127;/,21'J-28'<72-1?'1B/@207?'-140;/0I'G+<.'\*+''H.(#'D\*7"8\*:(>%&\*  
B%\$%3+CD%''(73\*B#'7F#3#(##%'IJ\_F`C'WQRMQ'[822B1Ni; 4-I40=iFHIFFTTiFHQQGWTMLLFFGTLUI''](#)

&  
a47;:C' f IC'&'')\$%!IC'\* ,;/014,C'!IC'K455Y-,1C'!IC'[40;<,C'\*IC'h'!<.<,<7=8C'>I'\_LHLL'I'  
"1/'45'2:/@4,17:2<2-4,-,'1@844:1@'6+DD.'"#K.%I'LM/\*LMRLTI'

'  
&<02-,C'#I'[IC'!<.<,<7=8C'>I'&'')\$%!IC'&@9//C' f IC'K4@88/-?/0C'6IC'\$<:<04:<C'6IC'&'')\$%  
!IC'6?-28C')IC'h'\* ,;/014,C'!I\_LHLF'I'&4;7:<0'<BB04<@8'24'<72-1?'B04=0<?1-',1@844:1'  
\_&\* \*P6`N'\*5/<1-E-:-23'127;3I'6+''(DC+&7&)\*9<+>+3\*E')<+>+3+N)/FRFFI'  
[822B1Ni; 4-I40=iFHIFHHTi1UHMQRHLFRHHGSTR3I''](#)

(\* ,;/014,C'!I'\*IC'&'')\$%!-C'6?-28C')I'6IC'%/.<24C'IC'&<02-,C'#IC'!<.<,<7=8C'>IC'  
K4@88/-?/0C'6IC' j <,'=C'KIC'h'\$<:<04:<C'6I'\_LHLH'I')8-,Y-,='6?<::'24')8-,Y'>=-N'&4;7:<0'  
\*BB04<@8'540'\*72-1?'P04=0<? ?-,='-,'6@844:1'\_&\* \*P6`I\*\*A+.&'73\*+,\*H.(#'D\*7"8\*  
B%\$%3+CD%''(73\*B#'7F#3#(##%'LO\_F`C'FSGRLFF@'[822B1Ni; 4-I40=iFHIFHHTi1FHQHGRHLRHRHUWGLRFI''](#)

)  
g67;:-.<,C' f IC'!041:<,;C' f IC'&'')\$%!IC'>:<-0C' f I'6IC'h'6-,='0C'%I'\_LHLH'I'+.<:7<2-,='28/'  
/55/@2-./,11'45'B0/./,2R2/<@8R0/-,540@/'\_P)#`540'8-=8R1@844:'127;/,21'J-28'/?42-4,<:  
<,;'E/8<.-40<:'-140;/01I'A+.&'73\*+,\*E+'#(#\$%\*?%>7\$#+&P''(%&\$%''(#+''/\*QI\_F`C'GRFMI'  
[822B1Ni; 4-I40=iFHIFFTTiFHSQGHHTLHSFFFTI''](#)

\*  
g><0, /1C'6IC'&'')\$%!-C'>:<-0C' f I'6IC'!041:<,;C' f IC'h'P/18<YRa/40=/C'KI'\_LHLH'I'\* ,'  
/.<:7<2-4,'45'28/'P0/./,2R)/<@8R#/-,540@/'\_&4;/:J-28-, '<'?7:2-R2-/0/;'-,2/0./,2-4,'  
1312/?I'E&%\$%''(##'N\*9<+>+3\*G7#3.&%R\*H3(%&'7(#\$%\*S8.<7(#+''\*+&\*6>#38&%'7"8\*5+.(>)\*TU\_L`C'

[822B1Ni;4-I40=iFHIFFTTiFHTULSWMFTTLSTSWI'](#)

!\$g'627<02C' !IC'&''' ( ) ) ) \$% ! - % ! 041:< , ; C' f IC' + . < , 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''(%&\$%''(#+ ''/\*OJ/\*FMQRFTSI'  
[822B1Ni;4-I40=iFHIFFTTiFHSQGHHTFWWQQLQL'I'](#)

!&g' f 7:-Y4 J 1Y-C'%IC'>:<-0C' f I'6IC'&''' ( ) ) ) \$% ! - % h' ! 041:< , ; C' f 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'\_+; 1ΓC'B#&%<(\*?%>7\$#+&\*X7(#''N\*ZB?X[R\*2#''\#''N\*  
7' '% 'D%'(/%<+DD. ''#<7(#+ ''/7''8\*#''(%&\$%'(#+ '' 'I'BBI'FMWRFQOI' ] / J 'b40YC' ] bN' a 7-: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'\_+; 1ΓC'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'\_+; 1ΓC'

%  
&'(')''\$#!-'h'&@!70;3C>I'\_LHFS`I''P0/1-;/,2o1'&/11<=/I''H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OT\*ZU[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/22/0n \( 4:RFMn \] 7 ? UIB;5''](#)

%  
&'(')''\$#!-'h'&@!70;3C>I'\_LHFQ`I''P0/1-;/,2o1'&/11<=/I''H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OT\*ZI[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/22/0n \( 4:RFMn \] 7 ? GIB;5''](#)

,  
&'(')''\$#!-'h'&@!70;3C>I'\_LHFQ`I''P0/1-;/,2o1'&/11<=/I''H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OT\*ZQ[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*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+&(\*\_ % J '3%((%&/\*OL\*ZI[/\*GRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/22/0n \( 4:RFWn \] 7 ? FIB;5''](#)

,  
a44; ?<,C'6I'h'&'(')''\$#!-'\_LHFT`I''\*P>6'>4<0;' " B;<2/N'H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OT\*ZQ[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/22/0n \( 4:RFMn \] 7 ? FIB;5''](#)

,  
a44; ?<,C'6I'h'&'(')''\$#!-'\_LHFT`I''\*P>6'>4<0;' " B;<2/N'H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OL\*ZU[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/22/0n \( 4:RFWn \] 7 ? UIB;5''](#)

,  
a44; ?<,C'6I'h'&'(')''\$#!-'\_LHFT`I''\*P>6'>4<0;' " B;<2/N'H'''+<#7(#+''\*,+&\*E+'#(#\$%\*?%>7\$#+&\*  
9. CC+&(\*\_ % J '3%((%&/\*OL\*ZI[/\*FRUI'  
[822BNii J J J I<BEI140=i, / J 1:/22/0i5-:/li \\*P>6n \] / J 1:/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 / , - 7 Y C ' K I C ' a - , , 1 C ' A I C ' h ' ! : < 0 Y / C ' 6 I ' \_ L H L L ` I ' O & % " 8 ' \* # ' ' \* ( # % & % 8 \* , + < . ' \* C . F 3 # < 7 ( # + ' ' \*  
J # ( > # ' ' \* ( > % \* A + . & " 7 3 \* + , \* E + ' # ( # \$ % \* ? % > 7 \$ # + & \* P " ( % & \$ % " ( # + ' ' / \* O V V V = Q M O J I " & < , 7 1 @ 0 - B 2 ' - , '  
B 0 / B < 0 < 2 - 4 , I'

&' ' ( ) ) '\$% ! - C ' j - : : - < ? 1 C ' [ I C ' 6 < , @ 8 / X C ' 6 I C ' h ' f < 7 Y C ' ] I C ' \_ L H L G ` I ' H & % \* J % \* ' ( # 3 3 \* + , , = < + . & ' % d \* G ? H \* 7 " 8 \*  
? P E \* C & 7 < ( # < % ' \* # ' ' \* ' < > + + 3 ' @ \* \_ & < , 7 1 @ 0 - B 2 ' 1 7 E ? - 2 2 / ; ' 5 4 0 ' B 7 E : - @ < 2 - 4 , ` I ' A / B < 0 2 ? / , 2 ' 4 5 ' ! 8 - : ; ' < , ; '  
9 < ? - : 3 ' 6 2 7 ; - / 1 C ' " , - . / 0 1 - 2 3 ' 4 5 ' 6 4 7 2 8 ' 9 : 4 0 - ; < I'

,  
%

**8 ! 0 6 7 3 % 0 6 . % 4 ; 6 7 ! 0 4 7 3'**

,

\*  
: E ) G \$ G % 2 W B \$ A ) ( F % 8 A ( ) B # % ( ) G % 4 " ) B A ( O B # % V + & % " A % 4 " J + & U %



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/<01v'TiFiLHRMiGHILU`"  
 ,  
 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< ? / J 40Y'45'@:<11R J -; /'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

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.-@/'!/,2/01@'  
 G. "8#"N\*HN% "<)R'9:40-;<'A/B<02?/,2'45'+;7@<2-4,'  
 E.&C+'%R'A/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'?/;-@<:'/'7@<2-4,<:'/'?42-4,<:'<,<;i40'  
 E/8<.-40<:'B04E:/?1'  
 HD+. "(+,\*G. "8#"NR\*pGSMCWLW'  
 E&+e%<(\*B7(%'R\*TiFiFF'\ 'MiGHIFL'

\*

E&# "<#C73\*P"\$% '(#N7(+&R\*!"#\$%&'()\*')"\$%\$  
 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/'L'A/./:4B'20<,-,='@700-@7:7?'24'E7-:;'?/,2<:'8/<:28'  
 B04.-;/01o'<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#"NR\*pQHCHHH'  
 E&+e%<(\*B7(%'R\*UiFiHU'R'UiFiHW'

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%<(\*B7(%'R'TiFiHL'\ 'TiFiHG'

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%<(\*B7(%'R'SiFiHG'R'MiFiHU'

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

E&# "<#C73\*P"\$% '(#N7(+&R\*!"#\$%&'()\*')"\$%\$  
 6+=E&# "<#C73\*P"\$% '(#N7(+&'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=0<-,='@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'



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



\$,2/0,<2-4,<:'!4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB402C'[@Y14,.-:/'C'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<(#<% ' @' j 40Y184B'B0/1/ ,2/ ;' <2'28/'

\* 114@-<2-4, '540'P41-2-./'>/8<.-40'67BB402C'>4124,C'& \*'  
&' '( )''\$\*! -%

>:;<0c' fI'6Ic'&'')''\$%#!-c'!041:<,;c' fIc'!-.-;-,-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&%''\*J#(>\*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(#+''@''P0/1/,2/;'<2'28/'FQ-'  
\$,2/0,<2-4,<:'(-027<:'!4,5/0/,@/'4,'P41-2-./'>/8<.-40'67BB402I'

>:;<0c' fI'6I' !Ic'h '&'')''\$%#!-LHFC'9/E07<03'I' ! '#''N\*(>%E&%\$%''(=0%7<>=X%#'''+&<%\*ZEOX[\*  
D+8%3\*#''\* '<>+3=F7'%8\*F%>7\$#+&73\*<+'''.3(7(#+''@''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'

&'')''\$%#!-c'&@9/'c' fIc'h' !<11/::c'+I'\_LHFC'9/E07<03'I' ! '#''N\*7\*D+8.37&\*7CC&+7<>\*(+\*  
'CC+&(\*#''8#8.73\*'( .8%''(' \*J#(>\*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'

&'')''\$%#!-'\_LHFC'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%''(\*J#(>\*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%''(' \*J#(>\*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-<' 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'@'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&%\* J > + \* & . \*\*7J7) @'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'

&' ' ( ) ) '\$% ! -%K4 ; =/1C'6IC' h ' !041:< , ; C' f I' \_LHFUC' 9/E07<03`I'PDC&+\$#"N%8. <7(#+ "73\*' . <<% ' '\* , +&\*  
) + . (>#"\*\* , + '( %&\* <7&%\* J > + \* & . \*\*7J7) @'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' @0\$( ) 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'\* f I'

&''( ))"\$%#!-'\_LHFUC'\*B0-:'I'H8\$7''<%8\*EOX^?%>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\*#''(%&\$%''(#+' '\*

1/J'!4701/1'A/./:4B/;'

&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'

%

4 ; / / &77223'

7, \$#@#'

!700/,2''''''''''

''''''''''LHLLRB0/1/,2''&<0-11<'A/:'(/@@8-4C'&<12/0o1')8/1-1'@4??-22//'?/?E/0C'\*>\*'

''''''''''LHLFRB0/1/,2'\*/:D-1'%4B/DC'&<12/0o1')8/1-1'@4??-22//'?/?E/0C'\*>\*''

!4?B:/2/;'

- LHFSRLHLH' ]-@84:<1'6@8//:'C'28/1-1'@4??-22//'?/?E/0C'6@844:'P13@84:4=3'
- LHFSRLHLH' K4::<,;'K<3540;C'&<12/0o1'28/1-1'@4??-22// '@4R@8<0C'6@844:'P13@84:4=3'
- LHFQRLHFS' 645-<#/#/3/1C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFQRLHFS' A/<,,<'A//,-8<,C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFTRLHFQ' !<1-/'P//2C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFWRLHFQ' #/,//'^0,;755C'+;I6I'28/1-1'@4??-22//'?/?E/0''
- LHFWRLHFM' +?-'3'><24,C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFWRLHFM' +:-X<E/28'!<11/:::C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFWRLHFM' f<-2:-,'67::-.<,C'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFURLHFW' 6<0<'><0,/1N'&<12/0o1'28/1-1'5<@7:23'<;.-140''
- LHFFRLHFU' \*,;0/<'P/0;4?4N'&<12/0o1'28/1-1'5<@7:23'<;.-140''
- LHFLRLHFU'' !0312: '627<02N'&<12/0o1'28/1-1'@4??-22//'?/?E/0''
- LHFGRLHFU' &-0-<?' )3/N'&<12/0o1'28/1-1'@4??-22//'?/?E/0''



!4?B:/2/;'

LHFSRLHLH' #<@8/:'><:/3C'A4@240<:':-11/02<2-4,'@4? ? -22//'? / ? E/0C'6@844:'  
P13@84:4=3'  
LHFQRLHFS' %- , ; 1/3'6:<22/03C'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 , , -/' j 44;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%V0 +=3U%  
' )0/<170/0'\_LHLLRB0/1/ ,2`'  
' P0/1- ; / ,2'\_LHFQRLHLF`'  
'





. \$F(S(A\$+'#@B'\$=\$, ('@'A\3EPP"AB%+A'a\$OB%  
LHFF'^@24E/ORB0/1/,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'

