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=-9*!)#.&-*>5''-'(#, (!?*#, !!
@7\$0!ABCB!

DEFGH?+1FDHE!

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F4*!<7/<&' *!&3!(4-' !27-%*8&&9!-'!(&!8*((/!7, %*/' (#, %!(4*!3#1(&' !3&!/!33*1(-. *!<*/!&8' */. #(-&, !#, %!(&!</&. -%*!#!<*/!*. #7#(-&, !J &%*!3&/(4*!1&\$\$*2*!&3!(4*!5/(' !5!/*# ' &, ! (4#(!(*#14-, 2!-' !2*, */#\$0!7, %*/. #7*%!, !4-24*/*!%71#(-&, !-' !!(4*!\$#19!&3!-, 3&/J #(-&, !#, %! *.-%*, !*!-, !(*#14-, 2!<*/3&/J #, !*!L1*, (/#>ABBBM!5' !#!&J <&, *, (!-, !#'' *'' -, 2!3#17\$(0! <*/3&/J #, !*!>(4*!<*/!*. #7#(-&, !-' !&3(*, !&. */&&9*%#!# ' !#, !-J <&/(#, (!<#/(!&3!(4*!*. #7#(-&, ! </&! *'' !F4-' !27-%*8&&9!N-\$\$!</&. -%*! 722*'(*%<*/!*. #7#(-&, !-, '(/7J *, (' !#, %! </&! *%7/*' !8#' *%!, !(4*!\$-(*/#(7/*!&, !*33*1(-. *!(*#14-, 2!<*/!&8' */. #(-&, >#, %!/*3\$*1(-. *! </#1(-! *!&: **/!*. #7#(-&, !&3!(*#14-, 2!-' !!&, '-%*/%#!#, !-J <&/(#, (!<#/(!&3!(4*!(* , 7/*!#, %! </&J &(-&, !</&! *'' !#('! #\$\$&' (#!)#(+, -. */' -(0!#, %!-' !&, *!&3!(4*!!/(-*/-#1# ' !*. -%*, !*!&3! *33*1(-. *!(*#14-, 2!-, !' 7J J #(-. *!*. #7#(-&, !&!

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051FHG)!OHG! : ; G! ; " 5P+5FDHE!

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D, !-, . *' (-2#(-, 2!(4*!3#1(&' !3&/' 7!1 *'' 37\$!<*/!*. #7#(-&, >&, */*Q7-/*J *, (!-' !#! 3#17\$(0!J *J 8* /R' !N-\$\$-, 2, *'' !(&!<#/(-!<#(*!-, !4*!</&! *'' !#, %!(&!#%//*'' !4*! /*!&J J *, %#(-&, ' !&3!(4*!3-, %-, 2' !D(!-' !J &/' *7' *37\$!# ' !#3&/J #(-. *!(&&\$!87(!-(!#\$' &!</&. -%*! ' <*!-3-!-, 3&/J #(-&, !3&/!-J </&. *J *, (!2*, */#\$0!80!(4*!! &\$\$*#27*! !N4!N-\$\$!-, *. -(#8\$0! ' */. *! &, !<*/' &, *\$!&J J -(*'' !5' !/*3*/*, !*%!, !1*, (/#R' !/*' *#/!4!&, !(4*!/&\$*!&3! !&\$\$*#27*! >4*! '(*'' !4#(!<*/' !<\$#0!#!/&\$*!-, !' 7J J #(-. *!*. #7#(-&, !L(*, 7/*!%*!-' -&, ' M!87(!' 4&7\$%!#\$\$' &! 4#.*!#!/&\$*!-, !3&/J #(-. *!*. #7#(-&, !S *\$\$T-, 3&/J *%!!&\$\$*#27*! !#/*!-, !(4*!8*! (<&' -(-&, !(&! #' *'' !Q7#\$(0!&3!-, '(/71(-&, #!</#1(-! *' !LCUUVM!F4-' !/&\$*! 4&7\$%!8*! *W<#, %*%!(&!-J </&. *! (*#14-, 2!*33*1(-. *, *'' !O7/(4*! /X7' (-3-1#(-&, !3&/!<*/!&8' */. #(-&, !-' !</' * , (*%!, !Y79#'\$ 9-R' ! '\$\$&' (&) *+', '-&. \$/*O+%1%O!LABBBM!Z*!/*3*/*, !*'' !4#(!<*/' !#/*18*((/!' 7-(*%!(4# , ! '(7%*, (' !&!#%//*'' !(*#14-, 2!!&, !*/ , ' !: **/!*. #7#(-&, '!\$-9*\$0!-, !\$7%*!J #, 0!J #(*' -#\$\$' ! -, !\$7%-, 2!' O\$\$#8->#'' -2, J *, (' >4#, %&7(' >#, %!' (#(*J *, (!&3!(*#14-, 2!<4-\$&' &<4O!D(!-' !#\$' &! 7' 7#3&/!3#17\$(0!J *J 8* /' !(&!4#.*!#(!\$*# ' !(N&!J #X&!<*/!/* . -*N' !8*3&/*!&J -, 2!7<!3&/! ' 7J J #(-. *!*. #7#(-&, !F4*'' !(N&!/* . -*N' !7' 7#\$\$O!&- , !-%*!N-(4!</*T(*, 7/*!/* . -*N' !#, %!(4*! ' 7J J #(-. *!(* , 7/*!/* . -*N' !LY79#'\$ 9->ABBBM!

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: ; ; G! ; " 5P+5FDHE!5)! ; " D? ; E1 ; !H0! ; 00 ; 1FD" ; !F ; 51ZDE6!

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D, !#!<*/!*. #7#(-&, !</&! *'' >(4*!<*/!&8' */. #(-&, ' !J 7' (!&33*!</#1(-!#\$\$-, 3&/J #(-&, ! #!' !N*\$!# ' !!/*%8-\$-(0!-, !(4*!*. #7#(-&, !&3!(*#14-, 2!F4*!'' * . *, !27-%*\$-, *'' !' (#8\$-' 4*%!80!(4*! 5J */-!#, !5' ' &!#(-&, !3&/!Z-24*! ; %71#(-&, !L55Z ; M!/*!&J J *, %' !4*!3&\$\$&N-, 2!' * . *, ! </-, !-<\$*' [!]

CK 5. &-#!# ' 7#>7, #, , &7, !*%!&8' */. #(-&, '! \!

AK =#9*!&8' */. #(-&, '!<#/(!&3!#!&, ' 7\$#(-&, !</&! *'' !000. 240, #71. !113. 242! ** (007272\$3%*, 00111

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! F4*!27-%*\$-, *! !3&/!<*!/* . #7#(-&, !#/*!&7(\$-, *%!-, !#!8&%0!&3!\$-(*/#(7/*!<#/(-#\$\$O!
</'* * , (*%!, !(4-'!' (7%OKD, !#%%-(-&, !(&!2*, */#-\$-a*%!' (*<'!3&/!(4*!</&!*' ' >#, !&. */. -*N!&3!(4*!
%-J * , '-&, '!&3!(#14-, 2!J */-'!-, . *' (-2#(-&, !Z#/(R' !N&/9!&, !2%*+3%45&675%4/#08&2%*+3%45&
LCub`M!*' (#8\$-' 4*'!' -W!-, (*//*\$#(*%#!#(*2&/-*' !N4* , !I&, %7I(-, 2!&8'*/. #(-&, '!&3!I&\$\$*#27*' R!
(*#14-, 2!F4*0!-, I\$7%*[!!

CK F4*!1&2, -(-. *!?-J * , '-&, !c!(4*!7' *!&3!Q7*' (-&, '!#, %!#I(-. -(*'!(&!' (-J 7\$#(*!
%**<*/!#, #0' -' !&3!(4*!' 78X*1 (!&/!#!J &/!*!(4&/&724!7, %*'/ (#, %-, 2!&3!(4*!8#'-I' !

AK F4*!)&I-&T: &\$-(-I#\$!?-J * , '-&, !c!(4*!87-\$%- , 2!#, %!J #- , (*, #, I*!&3!/#<<&/(!

VK F4*!1\$#'' /&&J !)(/7I(7/*!#, %!: /&!*%7/*' !c!(4*!-, '(/7I(-&, #J * (4&%!#, %!
</&I*%7/*'K

! 0#17\$(0!#, %!(7%*, (!I&, '* , '7'!'7<<&/!(4*!7' *!&3!<*/!* . #7#(-&, !#!<#/(!&3!#!
I&J </*4*, '-. *!</&2/#J !&3!3#17\$(0!#' '*'' J *, (Rf*-2R' !LABBBM!) (4 1 *'#/ %&<%4&=#/#%>&(??&
2%*+3#08!</'* *, ('!3#17\$(0!#((-7%*'!#8&7(!<#/(-1-<#(-, 2!-, !#!<*/!* . #7#(-&, !</&I *'' !(&!
-J </&. *!(*#14-, 2!/#(4*!(4#, !(&J #9*!<*/' &, , *\$!%*1-'-&, 'Rf4*!3-, %- , 2'

%-#2/#J J #(-I#\$!J &%*\$!3&/!#1(-&, !/*' *#/14!f* J J -' !#, %! = IF#22#/(!%*. *\$&< *%#!J &%*\$!(4#(!
I&, '- (' !&3!3&7!/!J &J *, (' !&!<4#' *'!-, !\$7%-, 2[!CM!<\$#, , -, 2\!AM!#1(-, 2\!VM!&8'*/. -, 2\!#, %!
/*3\$*1(-, 2\!F4-' !!O!\$*!-' !/*<*#(*%!3&/!3**%8#19!3&/!%*. *\$&<J *, (!#, %!*. &\$7(-&, !-, !(4*-!
</#1(-!*'!-, !\$7%-, 2!7, %*'/ (#, %-, 2!#, %!(4*'!-(7#(-&, ' !-, !N4-14!(4*O!</#1(-! *!LABB^MMF4-'!
%-#2/#J J #(-I#\$!J &%*\$!-'! *33*1(-. *!3&/!*, 2#2-, 2!-, !(4*!3**%8#19!</&. -%*%!80!(4*!< **/!
. #7#(-&, !</&!' ' !: #/(-!<#(&/O!#1(-&, !/*' *#/14! 722*' ('!(4#(!/*<*#(-, 2!(4*!O!\$*!&3!
<\$#, , -, 2>#1(-, 2>#8'*/. -, 2!#, %!/ *3\$*1(-, 2!, &(!&, \$O!* , 2#2*'!(4*!<#/(-!<# , (!&!/*3\$*1(!&, !
</#1(-! *!87(!&!# ' ' ' !-J </&. *J *, (KD, !-, . *'(-2#(-, 2!(4*!\$-(*#(7/*!&, !< **/!*. #7#(-&, !
27-%*\$-, *' >(4*!3-, #!' (*<!&3!(4*!</&!*' ' !/*-, 3&/!*'!(4*!, **%!3&/!/*3\$*1(-&, MF4*!#1(-&, !
/*' *#/14!J &%*\$!</&. -%*% !#3/#J *N&/9!3&/!(4-'!#1(-. (OKD, !/*<*#(-, 2!(4*!O!\$*!&, *!' !
I&J <*\$*\$!(&!3&17'!&, !-J </&. *J *, (!J #9-, 2!-(!7' *37\$!-, !</&. -%-, 2!#, !# ' ' ' ' J *, (!&!
&7(I&J *K!5'!(4*!< **/!/*-. *N!</&!*' ' !-'! *I&J J *, **%!3&/!3&/J #(-. *!* . #7#(-&, !L5//*\$&\$#J
ABB]M!-, I&/<#&/#(-, 2!(4-'!# ' ' ' ' J *, (!&3!-J </&. *J *, (!-, (&!<4*!</&!*' ' !J &%*\$!</&. -%*%!
7' *37\$!#(#!3&/! 7J J #(-. *!* . #7#(-&, K!

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1HE1P+)DHE!

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! G*3*/*, I-, 2!: -, 9R' !LABBUM!, *N!<#/#%-2J !&, !J &(-. #(-&, !-, !4-' !8&&9!@4#/%!4*' (#(*' !
(4#(!#, !-, %- . %7#*!-' !-, (/-, '- !#\$\$O!J &(-. #(*%!(&!<*3&/J KD, I *, (-. *!8#' *%!&!/*W(/-, '- !!
J &(-. #(-&, !4#' !8** , !</&. *, !(&!8*!-, *33*1(-. *!-, !-J </&. -, 2!<*3&/J #, !*!&!/#<#1-(OK!H7/!
J &(-. #(-&, !-'!#/- . *, !80!7, -. *'/ #47J #, !, **% !# , %!' !8#' *%!&, !#7(&, &J O!J #' (*O!# , %!
<7/<#&' *K!5, O!</&! *%7/*!3&/!< **/!*. #7#(-&, !J 7' (!8*!8#' *%!&, !(4*' *!</-, !-<\$*'!# , %!J 7' (!
, 2#2!&, *!(870T-, !(&!<4*!</&!*' ' !5' !/*3*/*, !*%!80! = !6&N#, !#, %!6/#4#J >g, &!, ' (/71(&/!
2/&N' !7!<(4-, 9-, 2>D!/*\$\$O!N#, !(&!8*!#!8#%!(*#14*/!#LABBU><K!C_CMM!S *!#/'!-, (/-, '- !#\$\$O!
%/- . *, !(&!<*3&/J #, %!-J </&. *!&7/!</#1(-! *K!5(4&724!' *\$3T/*3\$*1(-. *!* . #7#(-&, !-'!7' *37\$!
1*, (/R' !/*' *#/14!/*3\$*1('!(4#(!3#17\$(O!&. */*' (-J #(*'!(4*-/! *33*1(-. *, *!'!-, !' *\$3T*. #7#(-&, !
LCUUVMK!5!</&!*' ' !*, 2#2*%!-, !3&/J #(-. *!* . #7#(-&, !8#' *%!&, !< **/!&8'*/. #(-&, !#, %!
/*3\$*1(-&, !4#' !<4*!<#(*, (-#\$(!&!*, 4#, !*!<*3&/J #, !*!# ' !N*\$*!# ' !%*. *\$&<!3#17\$(O!&4*' -&, !#, %!
J &/#*\$!L = -\$-\$>!ABB_MKF4-' !</-, !-<\$*'!# \$' &!/*3*/*, !*%!-, !)* , 2*R'!)#?' 3!@#5+#; #O%LABB_M!-, !
4&N! 'O' (*J '!(4-, 9-, 2!(/#, ' 3&/J !&/2#, -a#(-&, ' !-, (&!*\$#/, -, 2!&/2#, -a#(-&, ' KD, !)* , 2*R' !3-/' (!
</-, !-<\$* >2% * 1 &D% *40#O8!-(!-'! (#(*%!(4#(!g(4*!-, (*\$\$-2*, !*!&3!(4*!(*#J !*W! **% !<4*!
-, (*\$\$-2*, !*!&3!(4*!-, %- . %7#*!-, !(4*!(*#J !#LABB_><K!UM!Y# ' *%!&, !&, *R' !-, (/-, '- !!#/- . *!(8!
-J </&. *!#, %!(4*!&\$\$*1(-. *!9, &N\$**%2*!&3!#!(*#J >#!< **/!*. #7#(-&, !</&!*' ' !&33'/'!2/*#(!
<#&(*, (-#\$(, !<4*!3&/J #(-. *!* . #7#(-&, !</&!*' ' !K!

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! ?*. *\$&<J *, (!&3!#!< **/!*. #7#(-&, !27-%*8&&9!3&/!(4*!1&\$\$*2*!&3!(4*!5/(' !J 7' (!8*!
8#' *%!-, !(4*!\$-(*#(7/*!/*\$*. #, !(&!7, %*'/ (#, %-, 2!(*#14-, 2!#, %!\$*#/, -, 2!</&!*' ' ' !-, !(4*!
#/' \!#, !(4&/&724!&. */. - *N!&3!(4*!</#1(-!*'!#, %!%-J *, '-&, ' !&3!3&/J #(-. *!* . #7#(-&, !<4*!
3#1(&' !3&/! 7!1*' ' 37\$!(*#14-, 2!#, %!-J </&. *J *, (\!#, %!7' *37\$!</#1(-!*'!-, !(4*!< **/!
. #7#(-&, !</&!' ' !KH, !(4*!8#' -' !&3!(4*! *!3-, %-, 2' >(4-' !27-%*8&&9!' */. *!'!# !#!
I&J </ *4*, '-. *!27-%!3&/!*, 2#2-, 2!-, !*33*1(-. *!< **/!&8'*/. #(-&, >*. #7#(-&, >#, %!
-J </&. *J *, (!-, !<#14-, 2!<*3&/J #, !*K!

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G; 0; G; E1;)!
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5\$(-14(* /ZKf*J J -')K)=IF#22#/(GKle!i 78*/T)9*//-(HKLABBAMKIF4*!I&, I* <(!&3!! #I(-&, !
/*' *#/14K23%&D%*40#08&648*0F*'#(O!&GLVd]M>CA^TCVCK!
!
5//*&\$#>GK!5KLABB]MK'?*.*\$&<-, 2!#1&J </*4*, '-.*!0#17\$(0!; .#\$7#(-&, !)0' (*J KLAB@. &
H(4153(; A!
!
Y&0*/>; KLCUUBMKC+3(,*453#; &=%+(05#%4%\$A1#/, *2-*!; , '&NJ *, (!3&!(4*!5%. #, I*J *, (!&3!
F*#14-, 2K!EK@(!: /-, I*(&, K!
!
Y79#\$' 9->: K@>e!P0&, '>FK@L LABBBMK! "#\$%&' (&)*+''-d. \$/*0+%1%0'Kk. 00''*, &B/*, ''*'#(O&&
<4(1 ('#(O&&*0\$&2%O''4%A+, -. */' -(O!&3!O-\$J !#, %!"-%*&!5' '&I-#(-&, K!
!
1*, (/#>K!5K!; .#\$7#(-, 2!(4*!F*#14-, 2!: &/(3&\$-&[!5!G&\$*!3&/!1&\$\$*#27*' KLFK!; K!GO#, >; %MM!

f&\$8>?k5kLCUbcMkP*#/, -, 2!)(0\$*!#, %!?'- I-<\$-, #/0!?-33*/*, I*! kD, !5kSk14-19*/-, 2>! 23%&
R(\$%40&. 1%4#+ *O&A(, %8%k&=%5; (0\$#08&' (&'3%&0%>&4%*, #'%5&(??&\$#/%45%&5''\$%0'&*0\$&*&+3*08#08&
5(+#%'-!L<<k!AVATA^ ^Mk!)#, !0/#, I-' I&>15[!@&' '*OTY# ' 'k!
!
P*N-' >fkl6kl<4%; *4#08&. &2%*+3#08&<(4'?(&#(A+, -. */' -(0!&3!F*W#'#(!57' (-, >F4*!?!?- .-' -&, !&3!
D, '(/7I(-&, #&!D, , &. #(-&, !#, %!5''*'' J *, (k!57' (-, [!+, -. */' -(0!&3!F*W#'# k!
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=I6&N#, >Sk!Gk!e!6/#4#J >1k!Gk!LABBUMk!0#I (&/'!1&, (/ -87(-, 2!(&!DJ </&. -, 2!F*#I4-, 2!
: *!3&/J #, I*k!TOO(/*#/%&L#83%4&B\$''+*'#(0!&Nq!Lc_CTC` Ck!
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= */-&, >=k!LABBU>)*<(*J 8*/dHI (&8*/Mk!5!: /&<4*I0!3&!/(4*!5/('!-, !Z-24*!/; %7I#(-&, k!
A3*08%>!<<k!C`TACK!
!
=-\$\$-' >Yk!@!LABB_Mk!: **/!H8' */. #(-&, '!##!#!1#(#\$0' (!3&!0#I 7\$(OKD, !: k!#k!) *\$%- , >B/*, ''*#08&
) *+', '-&<%4?(41 *0+%AY&\$(&, >=5[!5, 9*!/!: 78\$-' 4-, 2!
!
: -, 9>?k!Zk!LABBUMk!@4#/%k&23%&C''4; 4#5#08&24'''3&. 7(''&H3*'&R('*/'%5&95!E*N!j &/9[!
G-. */4*#%!Y&&9' k!
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: /#((>?k!?k!LCUU` Mkg*I&, I* <(7#\$-a-, 2!(4*!* . #&7#(-&, !&3!(#*I4-, 2!-, !4-24*/*!%7I#(-&, k!L#83%4&
B\$''+*'#(0!&Nq!LcM>AVT]]k!
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)*, 2*>: k! =k!LABB_Mk!23%&)#?' 3&@#5+#; ,#0%k&'3%&. 4'&*0\$&<4*+'#+%&(?' 3%&D%*40#08&& 648*0F*'#(0!
?&78\$*%#OK!
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) . -, -I9->=k!P*N-' >fkl, k%kM!

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B: : %')/' 4!AO(+%*)+C!

N< (!1PP-1&612!&43(-0&([!&6!%6(' !)9!Q<1&-6! [< *! [143!3*!' &6Q%66!1!3(1Q<&4; !P-*)2(K! [&3<!14!
&463-%Q3* -!f&-63!3< (IQ<1&-!4 ((' 6!3*!Q- (13(!1!6%PP*-3&O(! (40&- *4K(43!, *-!3< (!&43(-0&([!14' !
) (; &46! [&3<!U%(63&*46!1) *%3!<* [!3<&4; 6!1-(!; *&4; !&4!; (4(-12!N< (IQ<1&-!K19!6<1- (!6* K (!&46&; <36!
, -*K!< (-^<&6!Q2166- **K!*)6(-013&*46!3*!* , , (-!(4Q*%-1; &4; !Q* K K (436!1) *%3!3< (!&463-%Q3*-g6!
P-1Q3&Q(6!N< (4!3< (IQ<1&-!16+6! [< (3< (-!3< (!&463-%Q3*-!&6!<10&4; !149!' &, &Q%23&(6!1, !3< (!&463-%Q3*-!
' * (6!4*3!K(43&*4!' &, &Q%23&(6!3< (IQ<1&-!3< (4!Q14!- (, (-!3*!&4, *-K13&*4!31+(4!, -*K!3< (&-!* [4!
Q2166- **K!*)6(-013&*46!*-!P-*)2(K6!-1&6(' !)9!63%' (436!f&41229!3< (IQ<1&-!16+6!<* [!6< (^<(!* -!
3< (!' (P1-3K(43!Q14!< (2P!3< (!&463-%Q3*-!6*20 (!3< (!P-*)2(K!N< (!1PP-1&612!&43(-0&([!K%63!) (!
<14' 2(' !Q1- (,%229!14' !K* -(!3<14!*4 (!K ((3&4; !K19!) (!- (U%&- (' !3*!) -&4; !1) *%3!3< (!4(Q(661-9!
K* ' &, &Q13&*46!N< (!P-&K1-9!*)_(Q3&O(!* ,!149!39P(!* ,!, *-K13&O(!*)6(-013&*4!P-*Q(66!&6!
&KP-*O(K(43!* ,!3(1Q<&4; W!

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O/f/O/G: /!

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70&4&Q+&W! =W!] ([&6!j] W\$4W W! ! #' \$3#. +7)0%#)\$' '#)%&' #63, .%+X! =)7''.?' <%@!O(3-&(O(' !i%29!EV!>F''FV!
, -*K!3< (!84&O(-6&39!* ,!N(a16!13!#%63&4W! : (43(-!, *-!N(1Q<&4; !/ , , (Q3&O(4(66! [()6&3(X!
<33PX^^ [[[W%3(a16W(' %^1Q1' (K&Q^' &&1^3(1Q<&4; ^&4' (aWP<P!

!

- N<(!6%K K1-9!-(P*-3!P-*0&' (6!*0(-12!&4,*-K13&*4!3<13!Q2(1-29!-(P-(6(436!122!3<(!
*)6(-013&*4!-(6%236W!O(Q*K K(4' 13&*46!6< *%2' !)(!10Q*K P14&('!)9!6P(Q&,&Q!(a1K P2(6!*-!
*)6(-013&*4!P1-3&Q%21-6W!

!

O/f/O/G: /!

70&4&Q+&W!=W!] ([&6V!j W!S4W W!#! #' \$3#. +7)0%#)\$' '#)%&' #63,.%+X!)=7''?' <%%@W!O(3-&(O(' !i%29!EV!>F''FV!
,-* K!3<(!84&O(-6&39!* ,!N(a16!13!#%63&4V!:(43(-!,* -!N(1Q<&4;!/,,(Q3&O(4(66! [()6&3(X!
<33PX^^ [[W%3(a16W(' %^1Q1' (K&Q^' &&1^3(1Q<&4;^&4' (aWP<P!

!

"C

#. ./GHIJ! /!

j (9!166%(6!,*-. ((-!L)6(-013&* 4!)

,-*K!3<(!84&0(-6&39!* ,!N(a16!13!#%63&4V! : (43(-!,* -!N(1Q<&4; !/ , , (Q3&0(4(66!

!#' \$3#. +7)0%#)! ' ' #); <&' #63, .%+(=)> ".?' <%%@)

)

C<13!1-(!6*K(!+(9!&66%(6!3*!- (K(K) (-!1) *%3!, *-K13&0(!* -!6%K K13&0(!P((-!*)6(-013&* 4b!

!

N<(-(!1-(!+(9!&66%(6!3*!- (K(K) (-!16!9*%! (43(-!1!, *-K13&0(!* -!6%K K13&0(!P((-!*)6(-013&* 4!

P-*Q(66X!

!

- #49!*)6(-013&* 4!6963(K!Q<*6(4!)9!1!' (P1-3K(43!K%63!) (! [(22!%4' (-63**' !)9!*)6(-0(-6! 14' !3<*6(!*)6(-0(' W#Q3%12!Q2166- **K!P-1Q3&Q(! [&3<!3<(!*)6(-013&* 4!&463-%K(43!&6! K14' 13*-9!, *-!&36g!(, , (Q3&0(!%6(WN<(!*)6(-0(-!K%63!P-1Q3&Q(! [&3<!3<(IP((-!*)6(-013&* 4! , *-K^6!) (, *-(!Q2166- **K!O&6&36WN<(!*)6(-013&* 4!&6!' (, &4(' !)9!3<(!&463-%K(43!14' !3<(! *)6(-0(-!K%63!) (!1)2(!3*!- (Q*- ' !) (<10&*-!&4!3<(IQ13(; *-&(6!*4!3<(! , *-K!WN-1&4&4; ! , *-! *)6(-0(-6!&6!- (U%&- (' !&4!* -' (-!3*!<(2P!3<(K!6((! [<13!&6!<1PP(4&4; !&4!3<(IQ2166- **K!W 7&K!P2(!* -!(21) *-13(!6963(K6!- (U%&- (!a3(46&0(!3-1&4&4; !3*!P- (P1-(!*)6(-0(-6!WN<(! 3%-4*0(-!* ,!1' K&4&63-13*-6!14' ! ,1Q%239!&4!12!' (P1-3K(436!&4' &Q13(!3<13!1!Q9Q2&Q12!P((-! *)6(-013&* 4!NB-1&4&4; !P-*; -1K!&6!4(((' W

!

- #22!*)6(-013&* 4! 131!Q*22(Q3(' !1-(!- (P-(6(4313&0(!* ,!*0(-12!3(1Q<(-!P(- , *-K14Q(!&4!3<(! Q2166- **K!WL)6(-0(-6!K%63!) (!1 [1-(!3<13!6*K(!Q2166(6!1-(!139P&Q12!6!3<13!3<(9! [&2! ' (0*3(!4*%; <!3&K(!3*!6(Q%- (!39P&Q12!' 131!1) *%3!&463-%Q3*-!1Q3&0&39WL)6(-0(-6!1-(! 1 [1-(!* ,!3<(IQ*43(43!* ,!3<(IQ2166!3&K(!* ,! 19V!2(4; 3<!* ,!Q2166!14' !*3<(-!3(KP*-12! ,1Q3*-6!6%Q<!16!1; (V!; (4' (-V!(3<4&Q&39V!; (4(-12!1PP(1-14Q(!* ,!3<(!&463-%Q3*-V!(3QW!14' !3<(! P*66&)2(! (, , (Q3!* ,!3<(6(! ,1Q3*-6!*4!*)6(-013&* 4!- (6%236W!

!

- L)6(-0(-6!14' !3<(!*)6(-0(' !&463-%Q3*-!1-(!1 [1-(!* ,!3<(!&463&3%3&*412!14' !' (P1-3K(4312! Q*43(a3! , *-!3<(!&K!P*-314Q(!* ,!3(1Q<&4; WH(146!14' !Q<1&6!4((' !3*!K1+(!1!; (4(-12! 144*%4Q(K(43!1) *%3!3<(!-*2(!* ,!P((-!*)6(-013&* 4V!3<(!*)6(-013&* 4!&463-%K(436!3*!) (! %6(' !V!Q*KK&33((!166& ; 4K(436V!14' !3<(!&43-&46&Q!O12%(!* ,! , *-K13&0(!14' !6%K K13&0(!P((-! *)6(-013&* 4!14' !(O12%13&*4W!

!

- /1Q<!&4' &O&' %12! ,1Q%239!*)6(-0(-!K((36! ,1Q(MB*M,1Q(! [&3<!3<(!&4' &O&' %12!&463-%Q3*-6!) (&4; ! *)6(-0(' V!- (K(K) (-&4; !3<13!6*K(! ,1Q%239!<10(!3- (K(4' *%6! , (1-6!1) *%3!) (&4; ! *)6(-0(' V!14' !3<13!3<(!1Q3!* ,!*)6(-013&* 4! [&2! (, , (Q3!3<(!*0(-122!3(1Q<&4; ^2(1-4&4; ! (4O&-*4K(43!3*!6*K(!' (; -((!* -!14*3<(-W!

!

- L)6(-0(-6!14' !&463-%Q3*-6!1-(!1 [1-(!3<13!*)6(-013&* 46!' *!4*3!31+(!P21Q(!&4!&6*213&*4!14' ! 3<(- (, *-(!P-*' %Q(!O&' (4Q(! [&3<!P*66&)2(!2(; 12!&K!P2&Q13&*46W# ' !\ *Q! : *K K&33((! K(K) (-6!4((' !3*!) (!1 [1-(!* ,!3<(16(46&3&O&39!* ,!*)6(-013&* 4!- (P*-36!14' ! -(Q*K K(4' 13&*46!K1' (! , *-!6%K K13&0(!P((-! (O12%13&*46W#6! : (43-1S''EE?V!PW''BFT! 6313(' !mf1Q%239!K(K) (-6!14' !1' K&4&63-13*-6!6<*%2' !<10(!1!; (4(-12!1 [1-(4(66!* ,!3<(&-! 2(; 12!-& ; <36!14' !- (6P*46&) &2&3&(6V!16!6313(' !&4! , (' (-12!* -!6313(!21 [6!14' !&43(-P-(3(' !&4!

!

F=31' ()\$0' 4!14)&' (+!D\$%4+' %O)O6M
#-(!63%' (436!#GH!3(10<(-!&43(- (63(' !14' !(43<%6&163&Qb!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!
H*(6!3<(!&463-%Q3*-!%6(!63%' (43!41K(6b!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!
!6!<%K*-!%6(' !1PP-*P-!13(29b!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!
H*(6!&463-%Q3*-!4*3!(K)1--166!*-!) (2&332(!63%' (436!&4!149![19b!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!
!6!3<(!13K*6P<(-(!*,!3<(!Q2166-**K!P1-3&Q&P13&O(b!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!
H&!3<(!&463-%Q3*-!<10(!9(!Q*431Q3![&3<!63%' (436b!
! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=)
)
!

H* (6!3< (!&463-%Q3*-!&43-*' %Q(!3*P&QV!6313(!; *126V!P-(6(43!K13(-&12!*-1!Q3&O&39!(, (Q3&O(29V!
6%K K1-& (V!14' !; &O(!166&; 4K(43!*-!6%; ; (63!14!& (1!3*!Q*46& (-!) (,*-(!4(a3!Q2166b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=!
: *%2' !3< (!&463-%Q3*-!) (l6((4!14' !<(1-' b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=!
C (-(!+(9!P*&436!(KP<16& (' b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=!
C (-(!aP21413&*46!Q2(1-!3*!63%' (436b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=!
C (-(!a1KP2(6V!K(31P<*-6V!14' !1412* ; &(6!1PP-*P-&13(b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=)
C 16!3< (!2(Q3%-(163&K%213&4; !14' !3< *%; <3!P-*0*+&4; b!
! P%,)Q' 8%+&, #3, '?) P' '?&)*8\$#%6' 8'+,) /3,.&03-, %4) ; ", &, 3+?.+7) PR=)
!

H* (6!3< (!&463-%03*-!P-*0&' (!63%' (436!*PP*-3%4&39!3*!K (43&*4!P-*)2(K6^Q*4Q(-46! [&3<!3< (!Q2166V!
(&3<(-!0(-)1229!*-!&4! [-&3&4; b!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=
)
!

Q+ '%0)O6!=)DD)134()+/M

H* (6!1!63%' (43!4 (' !166&6314Q(!,*-!1!3(KP*-1-9!*-!P(-K14(43!' &61)&2&39b!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!

#-(!*4(!*-!K*-(!63%' (436!4*3!K*3&013('!*-!%41)2(!3*!,*2* [!3<(!Q2166b!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!

H* (6!3< (!&463-%03*-!6<*[!,10*-&3&6Kb!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!

#-(!63%' (436!1)2(!3*!6(!!0&6%12!1&' 6b!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!

H* (6!*4(!;-*%P!' *K&413(!' &60%66&*4!14' !<&4' (-!*3<(-6g!P1-3&Q&P13&*4b!

! P%,)Q' 8%+&,#3,'?) P' '?&)*8\$#%6' 8'+,) /3,.&03-,%#4) ; ",&,3+?.+7) PR=!

013(!*,!' (2&0(-9![16!1PP-*P-&13(! ! "!" >! ?! @! A!
/,,(Q3&0(!)*' 9!K*0(K(43!14' !; (63%-6! "!" >! ?! @! A!
/9(!Q*431Q3![&3<!63%' (436! ! ! "!" >! ?! @! A!
:*4,&' (43!! !(43<%6&163&Q! ! ! "!" >! ?! @! A!

!
!

87/!Lf!=/HI#!

L0(-<(1' 6^0<12+)*1-' !Q*43(43!Q2(1-!! !
! ! ! [(22!*-; 14& (' ! ! ! "!" >! ?! @! A! G#!
5&6%12!1&' 6!Q14!) (! (16&29!-(1' !! ! "!" >! ?!

