

! "#\$"%&'())(&* (#'+&(, "%#(\$ - ' . / 0+) \$ - '#"&/ \$""!
"#\$%&'(!) ##*+, \$!- .!*/#!. / 0+) \$ - '#"&/ \$""!

! ! ! D4!) b9!YV\=!? B#(+7' ,!G('5+*+ , '&!) %<+7!K, <#BJ&#-!Y!<4/4-!(#0# '* J&#!
! ! ! &4! " IG?! \VV=>-5\$, \$!F, 5%<*(+#!<!\!<4/4!
! ! ! B4! " IG?! [^ [=!F<<%#<' , 5!G(#, 5<+!, !G/('#0#%*+7!" #7(#'+- , =!\!<4/4!
! ! ! ,4! 9I?! TT\=!? B#(+7' ,!9+\$,!>' , \$% '\$#!FFF=\!<4/4!
! ! ! -4! 9I?! TT_ =! : # ' .!@%&%*(#=#!\!<4/4!
! ! ! 04! 9I?! \T_!G# '7/+ , \$! : # ' .! , 5!E '(5!- .!E# '(+ , \$!9%*5# , *<!\!<4/4!
! ! ! T4! "#Z%#<*<!. -(!Q#3!) + , -(
! ! ! '4! ? B#(+7' ,!9+\$,!>' , \$% '\$#!
! ! ! J4! KB#(\$#, 78!) ' , '\$#B# , *!c!H0#('+- , '&!W. -(, - , PK) !) 'a-(<X!
! ! ! 74! KB#(\$#, 78!) ' , '\$#B# , *!c!G '7*+7' &!W. -(, - , PK) !) 'a-(<X!
! ! ! 54! KB#(\$#, 78!) ' , '\$#B# , *!c!H0#('+- , '&!W. -(!K) !) 'a-(<X!
! ! ! #4! KB#(\$#, 78!) ' , '\$#B# , *!c!G '7*+7' &!W. -(!K) !) 'a-(<X!
! ! ! .4! d -%*/!># '5#(</+0!
! ! ! \4! "#Z%#<*<!. -(!@/' , \$#!- .!) + , -(
! ! ! '4! KC# , *!I&' , , + , \$! ' , 5!) ' , '\$#B# , *!
! ! ! J4! E-<0+* '&+*8!) ' , '\$#B# , *!
! ! ! 74! G/('#0#%*+7!" #7(#'+- , !
! ! ! [4! "#Z%#<*<!. -(!Q#3!H0*+- , <!
! ! ! '4! ?00&+*5!) #*#-(-&- \$8!
! ! ! J4! H0#('+- , '&!) #*#-(-&- \$8!
! ! ! _4! "#Z%#<*<!. -(!@/' , \$#!- .!H0*+- , <!
! ! ! '4! K' (&8!@/+&5/ --5!K5%7' *+- , !
! ! ! J4!) %<+7!G# '7/#(!K5%7' *+- , !
! ! ! ^4! "#Z%#<*<!. -(!@/' , \$#!- .!) 'a-(
! ! ! '4! KB#(\$#, 78!) ' , '\$#B# , *!
! ! ! J4! : +##*+7<!
! ! ! 74! S#-\$('0/+7!F , .-(B' *+- , !97+# , 7#!
! ! ! 54!) #*#-(-&- \$8!
! ! ! #4! "#7(#'+- , =!I' (D!' , 5!G-%(+<B! ?5B+ , +<*(' *+- , !
! ! ! e4! "#Z%#<*<!. -(! : +<7+0&+ , #P90#7+ , +7!S&-J' &!F<<%#<!: #<+ \$, ' *+- , !
! ! ! '4! ? @G! \ [\ =!F , *(B#5+ '*#!?77-% , * , \$!FFF=\!<4/4!
! ! ! J4! K@HQ![e] =!) +7(- . + , ' , 7#!+ , !?7*+- , =!\!<4/4!
! ! ! U4! "#Z%#<*<!. -(!S# , #(' &!K5%7' *+- , ! : #<+ \$, ' *+- , !
! ! ! '4! > ?9!Y]_ =!F , *(-5%7*+- , !* - !* /#!>+J#(' &! ? (*<' , 5!97+# , 7#<=\!<4/4!
! ! ! J4! f9!YVV =!F , *(-5%7*+- , !* - ! f %##(!9%*5#<=\!<4/4!

;4!! I(-C-<*g<!"#0-(*)

F, *(+B!I(-C-<*!@&- 3!(#0-(#5!*/ '*! " ' , 58!S&# ' , !+<*/#! , #3! : +(#7* -(! . -(!*/#!@# , *(!- .!S&-J' &!9%*5+#<4!!E#!
(#0-(#5!*/ '*!*/#(#!+< , - *!B%7/!\$(- 3*/!7%((# , *!+ , !+ , *(, ' *+- , '&!<%*5# , *<!W5%##!- !+<%#<!3+*/!*/#!.#5#(' &!
\$-C#(, B# , *X=!J%*! ' , %BJ#(- .!+ , *(, ' *+- , '&!<%*5# , *<!'(#!'D+ , \$!L Fb!7-%(<#< - , &+ , #=' , 5!/#!/-0#<!*-!<##!
/ '!\$(- 34!!

'C'+&'J1#, '*-(!@'((!,-*#5!*/'!'!0(#<#, '*+,-, !3 '<!/##5!+,!) '8!3+*/!K`#7%*+C#! : +(7*-(!Q', 78!
>'/'B!-!*/!#!@-%, 7!-!G#'#7/!(K5%7'*-,-!'!bFb@!'!3 /+7/!/!#5+<7%<<#5!*/!#F+, -<!
K5%7'*(!h'7', 78! : '*!'! "#0-(4!9#, '*-(!@'((!-J<#(C#5!*/'!'!@/+'\$-'! (#'!\$#<3+5#!'***, *+,-,!
(#'\$'(5+, \$!#*7/#!(</-(*'\$#<!/ - 3#C#(=!) 7 : -, -%\$!/@-%, *8!*-0<*/!#\$('0/4!

T4! b05' *#5!6'7%!9# , '##!) ###+, \$!@' , 5'(!

@/ '+ (0#(<- , !I8, #<!B#, *+,-, #5!*/'!'B###+, \$<3 +J#!/#&5!- , !*/!#<#7- , 5!G%#<5'8!- !#C#(8!B- , * /4!
E#<' *#5!*/'!'*/!#! : #7#BJ#(!B###+, \$!3 +J#!/#&5!- , !*/!#Y<#-!'<3 '<!/ +<!B###+, \$4!!

@/ '+ (0#(<- , !I8, #<'-!B#, *+,-, #5!*/'!'9#, '*-(! ; (+7#!(7- (5#5!/+<! : +<*, \$%+</#5!6'7%!%#(-!
3 /+7/!9#, '*-(! ; (+7#!<+5!3#, *!3##! , 5!3 -!J#J(- '57'<#5!<- , !- , !'! '00(-0(+ '#!< *+,- , <4!!

FFF4! !' #0-(*<!- .!@- BB+**##<' , 5!@-%, 7<!!

?4!! @-%, 7<- , !?5B+<<<- , =!S('5% '*+,- , !' , 5!?'7'5#B+7!9*' , 5'(5<!W@?S?9X!
W) #S', !H3#, <=!@/ '+ (=!TVTVPTVTVX!!

Y4! ? , , %' ! "#0-(*!W) '(D! ; #(' (5<=!@/ '+ (=!TVY]PTVTVX!

9#, '*-(! ; #(' (5<!#`0(#<<#5!/+<!# , a-8B#, *!+, !<#(C+, \$!3+*/'!/#7- % , 7!E#(!#0-(*#5!*/'!'!/#7'<#<!
/#'(5!+, !0(#C+-%<8#'(<!3#(#!7-B0'('J!*-!*/+<8#'(4!9#, '*-(! ; #(' (5<!' +5!/#!3 '<!'<D#5!J8!
9#, '*-(!>'#%(!& '< *!8#'(!'J-%*! ?7'5#B+7!F, *#\$(*8!#(0-(*<3 /+7/!3#(#!5- 3 , !.(-B!*/!#8#'(!J#.-(#-!
J%*!*/#(#!3 '<!, -!& '\$#!%0*+7D!*/+<8#'(4!!

9#, '*-(! ; #(' (5<!(#0-(*#5!*/'!'!- , #!-!@?S?9g!B'a-(!'7*+C*+!& '< *!8#'(!'3 '<!'!-%05' *#!*/#!
'7'5#B+7!F, *#\$(*8!I -Ǟ!*-!/#&0!.'7%!3 /-!5# '!3+*/!C+' *+,- , <-.!*/!#0-Ǟ!F, *#(+B!
I(#<+5#, *! ? J(' / 'B!' -!(#Z%#<#5!*/'!'!@?S?9!3-(D!- , !*/!#?5B+<<<- , <9* , 5'(5<!I -Ǟ!3 /+7/!
6'7%!9#, '*#!/#'5!& '< *!.' !

9#, '*-(! ; #(' (5<!B#, *+,-, #5!*/'!'<-B#!\$('5+, \$!0-/+!-(!0'<<2.'!3#(#!7/ , \$#5!5%#!*-!@-C+5P
Y]=!'<3!3##!<!(#C+<- , <!*-!*/!#S('5#!@/ , \$#!I -Ǟ!@- , 7#(, <3+*/'!'***, 5' , 7#15%#!*-!< *%5#, *<!, - *!
J#+, \$!#, (-#5!+, !7& '<<3 /+!-77%08+, \$!7& '<<#<#< *!.'-(!- , \$!0#(+<5!-!.'+B#<3#(#! '55(#<<#5!
/(-%\$/'! , #3!0-Ǟ!9#, '-(! ; #(' (5<!'-!#`0' +, #5!*/'!'15%#!*-!@-C+5PY]!0(#C#, *+, \$!< *%5#, *<!
.-B!'D+, \$!*/!#*#< *<=! ? @G29?G!<7-(#<3#(#!5+<7- , *+, %5!.-(!< *%5#, *<!'J-C#!'!0'(*7%!'
*/(#</-!!

@/ , \$#<!*-!3 -!-*/#(10-/#<=!*/#!S('5#!?00# '!I -Ǟ! , 5!*/!#F, 7-B0#S('5#<!I -Ǟ=!'(#!+, !
/!#!3-(D!<' , 5!3 +D0!J#J(-%\$/'!.-('5!')!*/!#H7'-J#!9#, '*#!B###+, \$4!E#!#`0' +, #5!*/!#!
\$- '!<+<-'!B'D#!*/!# , \$% '\$#7- , <+< *# , !J#*3## , !*/!#S('5#!?00# '! , 5!'7'5#B+7!F, *#\$(*+8!
I -/+!(\$\$(5+, \$!*/!#!00# '!0(-7#<<0!F, *#(+B!I(#<+5#, *! ? J(' / 'B!#Z%#<#5!*/!#(C+3!-!*/!#!
F, 7-B0#S('5#<!I -Ǟ!)

9#, '*-(!>'#%(!<D#5!/-3!B', 8!) '7) %(('8!@-\$#< *%5#, *<!# , 5#5!0!*'D+, \$!'5C', *' \$#!- .!
LFbg<!J , D#*!3 '+C#(4!9#, '*-(! ; #(' (5<!(#0- , 5#5!*/'!'! ? <<-7+ *#!I(-C-< *!) -(\$', !3-(D#5!- , !*/#!
0-Ǟ! ? <<-7+ *#!I(-C-< *!) -(\$', !<'+5!*/'!'!/#15+5!, -!/'C#!, %BJ#(<!, -3!J%*!3 +//7#D!3+*/!
'5B+<<<- , <4!iQ- *#!!>' *#(1+, !*/!#B###+, \$!F, *#(+B!I(-C-< *!)@-3!#(0-(*#5!*/'!'!/#(#!3#(#!<+ '4j!

@/ '+ (0#(<- , !I8, #<!#`0(#<<#5!/+<!\$('*+*%5#!.-(!*/!#3 - , 5#(.%!a-J!9#, '*-(! ; #(' (5<!5+5!
7/ '+(+, \$!@?S?9!0'(*7%'(!<+, 7#!@?S?9! , 5!*/!#!#\$+<*('g<!H. +7#!/'5!'!-!.'!7/ , \$#<!*-!
B'D#!'*/!#/#, 5!-!*/!#<0(+, \$!<#B#< *#(!5%#!*-!*/!#0' , 5#B+7!9#, '*-(!6+(+, D!'<D#5!+.!*/#(#!3 '<!
' , 8!#<- , !.-(!*/!#5#7 , #!+, !*/!#(P'5B+<<<- , !-!'!00# '!4!9#, '*-(! ; #(' (5<!(#0- , 5#5!*/'!'15%#!*-!
@-C+5PY]=!< *%5#, *<!3#(#! , - *!B-C#5!.-B!0(-J' *+,- , !*-!5+<B+<< ' !< *%5#, *<!'80+7' 0!3 -%!J#!
0#, 'R#5!.-(!5-+, \$!0--(0!5%(, \$!<0(+, \$!<#B#< *#(=3 /+7/!B'8!'5!*-!0(-J' *+,- , =!<%<0#, <+,- , =!(-!
5+<B+<< '!/-3#C#(=15%#!*-!@-C+5PY]=!< *%5#, *<!3#(#! , - *!0#, 'R#5!.-(!*/!#(S I ?<!+, !<0(+, \$4!

@-%,7+&!-...&'<.,+,\$!'.5!b<'\$#

WG; :=!@/'+(=...YX!

Y4! ?.,,%&!...-B!9'5&#(=!@/'+(=!TVY]PTVTVX!

@/'+(0#(... (#7-\$,+R#5!*/#7-%,7+&!B#B#J#(<4!E.../ '*!&'<!*!. '&...!'55(#<<#5!*/...<<%#!-!... ,*#,'7#!.-(!*/#!b,+C#(<+*84!E#!'55...!%,.-(*%,'*...#!*!-!J%5\$#*!...7- ,7#(, <...+B+*#5!'B-%,*!-!B'+,*#,'7#!3...&#!- ,!7' B0%...D+, \$!- ,!, #3!...B'+,*#...#7*!/'<!J#7-B#15+..+7%&*!)

@/'+(...5&#(!#0-(*#5!*/ '*!#B#(\$#,78!5#...B'+,*#,'7#!B- ,#...#5!%0!J8!*/#!<...B+&&+- ,4!@/'+(0#(<- ,!9'5&#(!<*#...5(-8!" /-'5<!'C#!@...C#(C+3!'J...% ,5<13#(#!J#+, \$!'&&-7'*#54!@/'+(0...5&#(!<*#5!*/ '*!*/#!(-...J'k'7!/E'&&<!' ,5!*/#!>J('8!3#(#!7-...+ ,!90(+, \$!TVTV='! ,5!0-<<+J&...3+&&!.-&&-3=!'&* /-%\$ /!*/ '*!<!, -!*!., '&+R#54!!)

@/'+(0#(<- ,!9'5&#(!<*#5!*/ '*!kT4_!B+&&+- ,!3 '<!'&&-7'*#5!*-!0+0+, \$!+, ; (-3 ,=!) -(\$', '! ,5!9*+0#<!E'&&<4!!@' B0%<!7/+&!3 '*#(!&- -0<!/'5!k[4\!B+&&+- ,!'&&-7'*#50!k\4\!B+&&+- ,!3 '<!'&&-7'*#5!*-!*/#!#*(+7'&!+ ,.'<*<%7*(#=#(' ,<.- (B#(<=-!+&&=<3+*7/#<=' ,5!7' J&+, \$4!

@/'+(0#(<- ,!9'5&#(!#0-(*#5!*/ '*!*/#/#(3 '<!'k[VV!B+&&+- ,!J'7D&- \$!.- (!5#.#((#5!! !B'+,*#,'7#='&*/- %\$/!kTU!-(!kT)!B+&&+- ,!/'<!J##,!'&&-7'*#5!-C#(!*/#!, #*!<+ '*-!#+\$/*!8#'(<4!G/#(#!'#!<#C#('&!+*#B<!- ,!*/#!3+< /!&<*<!. -(!#0'+(<=+ ,7&%5+, \$!B- (#!.- (!#*(+7'&=#'*/#!, \$!<-&' (=)B'+,*#,'7#!=J%+&5+, \$!(#0'+(=! ,5!%0\$('5#!- .!7&'<<(- -B<4!

@@I b!5+<7%<<#5!*/#!.%%*(#!@# ,*#(!.- (!*/#!I#(.-(B+, \$!?'(*<!. -(!3 /+7/!kU4)!B+&&+- ,!3 '<!(#&# '<#5!J8!*/#!<*#*!-!(#P#, \$' \$#!3+*/!*/#!'(7/+*#7*4!@/'+(0#(<- ,!9'5&#(!<+5!*/#(#!3 '<15+<7%<<+ ,!.- (!J+55+, \$!*/+<!0'<*<%BB#(=! /- 3#C#(!/#!+<!, -!*'3'(#!- .!*/#!0(-\$(<<+- ,!- .!0&' ,<4!E#!'55#5!*/ '*!*/#(#!3+&&!J#!, -!, #5!*-!'55!'55*+- , '&!0'(D+, \$!&-*!.- (!*/#!J%+&5+, \$4!

@@I b!'&<- /'5!'!<0(+, \$!5+<7%<<+ ,!- .!B- ,+*-(+ , \$!7' B#(<!'<- ,!7' B0%<=13 /+7/!3 '<!'!7/'(\$#!.- (B!*/#!K`#7%*+C#!@- BB+**##4!F, .-(B' *+- ,!3 '<!(#7#+C#5!.- (B!bG#7/=13 /+7/!@/'+(0#(<- ,!9'5&#(!Z%-*#5!1!?!.#3!8#'(<!' \$-='!\$(-%0!- .!0#-0&#!7(#' *#5!'! ,#3!<#7%(+*8!7' B#('!0-&+78!- ,!7' B0%<4!G/#!0-&+78!3# ,*/(-%\$ /!'&&!*/#!(#Z%+(#B# ,*<!*-\$#!'00(-C#5!J%*!.- (!<-B#!(#'<- ,!, #C#(!\$- *!0-<*#5!*-!*/#!3#J<+*#4m!@/'+(0#(<- ,!9'5&#(!<*#5!*/ '*!@I b!/'5!0&' , #5!*-!7- ,*+, %#!*/+<!5+<7%<<+ ,!+, !90(+, \$!TVTV=!/ - 3#C#(=15%#!*-!@- C+5PY]=!B##*+, \$<13#(#!7' ,7#&

@@IF!B##*+, \$<!/ '5!*-!J#/#&5!C+!R--B!5%#*!-!@-C+5PY]4!E#10-+, *#5!-%*!*/ '*/#/#(13#(1B-(#!
B+, -(<!7- , <+5#(#5!&'<*!8#'(1*/ ' , !+, !*/#10!<*!.#3!8#'(<4!

@/ '+ (0#(<- , !I8, #<!B#, *+ , #5!*/ ' *!9#, ' *#17-% , 7&!7/ '+ (<13-%&5!/ 'C#1*-*!D#1-C#(!'55*+ , ' &!5%*+<!
5%#*!-*!/#!(#*+ (#B#, *!- .!) <4!E' B B4!E#!<*!#5!*/ ' *!+, !-(5#(1*-*!B'D#16'7%&8!9#, ' *#1B##*+, \$<!
B-(#1#..+7# , *!' , 5!*-*!B'D#1<%(#1#C#(8- , #!D, -3<13/# , !*/#+(!7%((+7%&'(!+*#B<13+&!7-B#!J#-(#!
9#, ' *#-!@IF!3+&! , -3!7-B#!- , &8!*-*!/#!&'<*(#%\$&'(&8!<7/#5%!6'7%&8!9#, ' *#1B##*+, \$!+, !6' &!<!
'*!3/+7!' &!&7%((+7%&'(!+*#B<13+&!J#10(#<# , #5!*!-* , 7#-! , 5!*-*!/#10# , %&*+B '*#(1#%\$&'(&8!<7/#5%!
B##*+, \$!+, !*/#190(+, \$4!@/ '+ (0#(<- , !I8, #< < *#5!*/ ' *!'<7/#5%!-(!*/#1B##*+, \$<13+&!J#10(#0'(#5!
J8!@/ '+ (0#(<- , !; # , #**4!

: 4! @-%, 7+&!- , !S#, #('&!K5%7' *+ , !W@SKX!
!! W? , 5(#'! ?&C#</#(#!@/ '+ (=!TVTVPTVTVYX!

Y4! ? , , %' &' " #0- / *!W? , 5(#'! ?&C#</#(#!@/ '+ (=!TVY]PTVTVX!

@/ '+ (0#(<- , !? &C#</#(#!#`0(#<<#5!/#(\$ '*+*#5!*-*!@SK!B#B#J#(<!J#7' %<#</#13' <!7/ -<# , !-(!
7/ '+ (!' *!/#(1C#(8!+<(*!@SK!B##*+, \$!<-!/ '5!*-!&'(, !< < /#13# , *4!@/ '+ (0#(<- , !? &C#</#(#!<' +5!3 / # , !
</#!<* (' *#5!B' , 8!- .!*/#17-% , 7&!B#B#J#(<13#(1# , #3!<-!5-7% B#, *<13#(1#(C#3#5!' , 5!5+..#(# , *!
5+<7%<<+ , <!*--D!O&'7#!- , !+<<%#<!(#&#C' , *!-*!S# , #(' &!K5%7' *+ , 4!9/#!<*#5!*/ ' *!9#, ' *-(!@' ((!
'**# , 5#5!*/ #!H7* -J#(1B##*+, \$!*-!0(-C+5#10#(*+ , # , *!+, .-(B '*+ , !.(-B'*/#F; EK!6'7%&8! ?5C+<- (8!
@-% , 7&!(#\$ '(5+ , \$!S# , !K5!7(#5+!*/ -%(<' (, <.#(1#5!+, 4!@/ '+ (0#(<- , !? &C#</#(#!#`0&' + , #5!*/ ' *!
'7%&8!3#(1#7- , 7#(, #5!' J-%*!*/ #!Z% ' &+*8!- .!*/#17(#5+!*/ -%(<' , 5!3 / ' *!3' <!J# , \$!5+<O&'8#5!'<!. '(!
'<13-(D!B#*!-%<+5#! L F b 4!9/#!<' +5!*/ #(#!3' <!\$--5!+, 0%*!.(-B'*/#!<*#5# , *!(#0(#<# , *+*C#!
(#\$(5+ , \$!*/#!+ , ' , 7+' &'B-*+C' *+ , !.-(!7(#5+!*/ -%(<'D# , !#/#(#4!! ! ! !

@/ '+ (0#(<- , !? &C#</#(#!(#&' *#5!*/ ' *!>- (+! ; 'D#(P90#(8!</ '(#5!+, .-(B '*+ , !(#\$ '(5+ , \$!*/ #!
><<#<<B#, *!- .!9%#5# , *!>#'(, + , \$!@-B B+***#4!@/ '+ (0#(<- , !? &C#</#(#!<' +5!@SK!3' <!1% , 5#(1*/ #!
+B0(#<<+ , !*/#1E+\$/#(!>#'(, + , \$!@-B B+<<+ , !3-%&5!C+<+!.-(!*/#(1#P'77(#5+*+ , !<1#'(&8!'<!
6#J#(' (8!TVTV=J%*!*/ ' *!5' *#!/' <!J## , !0%</#5!J'7D!G/#(#13#(1#7- , 7#(, <1#`0(#<<#5!J8!@SK!
B#B#J#(<1*/ ' *!7/ '+ (<13#(1#7- , 5%7*+, \$!*/ #!'<<#<<B#, *<+ , !<-B#15#0' (*B#, *<13 / +. '7%&8!3#(1#
5-+ , \$!*/ #!'<<#<<B#, *<+ , !-*/#(<=&# '5+ , \$!*-!0(-J&#B<13+*/ #!#.#5J'7D!&- -04!

@/ '+ (0#(<- , !? &C#</#(#!B#, *+ , #5!*/ ' *!*/ #(#13#(1#5+<7%<<+ , <' *!@SK!B##*+, \$<!(#\$ '(5+ , \$!- , &+ , #!
5#&+C#(8!3 / +7/!3#(1#0(-B0*#5!.(-B!5+..#(# , *!<+*% ' *+ , <4!H, #!- .!*/#1'7'5#B+7!5C+<- (<1#`0(#<<#5!
7- , 7#(, !3+*/!0(-J&#B<10(-C+5+ , \$!*/ #!S# , !K5!7-%(<#<!, ##5#5!J8!%&&8!- , &+ , #!<*# , *<4!) -<*!@SK!
B#B#J#(<' \$(#5!*/ ' *!- , &+ , #!5#&+C#(8!3' <!, -*!J#<*!.-(!*/#17-%(<#<1*/#8!3#(1#*#7/+, \$4!

@/ '+ (0#(<- , !? &C#</#(#!(#0-(*#5!*/ ' *!' , !#B' +&13' <1# , *!-*!- .7%&8!+, !A' , %'(8!'<D+ , \$!+, !*/#8!3-%&5!
J#13+&+ , \$!*-*#7/!5% ' &!# , (-&&B#, *!&+C#<*(# 'B!+, !6' &!&!TVTV!*/ +\$/!<7/ -&&1<*# , *<4! f %#<+ , <!
3#(1#(' +<#5! ' J-%*!*/ -3!*/ +<13-%&5!3-(D!HC#(' &=&1*/ #(#13#(1#7- , 7#(, <!(#\$ '(5+ , \$!3 / #*/ #!(1*/ #!\$- ' &<!

5#7&+, #54!9#, '*-(!@'(!<*'5!*/ '*13 /#,!'(*+7%&'*+, \$!7-%(<#<!J8!<5%5#, *<!'(' ,<.#((+, \$!*-!LFb=!/#!
5#0'(*B#, *!7/'+'!'<D<!. '7%&*8!3+*/+, !*/#!5#0'(*B#, *!*-!3#+\$/!+, 4!G/#!. '7%&*8!(#7-BB#, 5!3 /#*/#!
/#!7-%(<#!7', !(', <.#(!+, !'<!', !#*+C#!+, !*/#!(15+<7+0&+, #!', 5!3 /#*/#!(*/#8!*/+, D!+*!7-%, *<!. -(!'!

@-%,7+&!.-(!F,<*(%7*+-.,'&!G#7/, -&-\$8!W@FGX!!

6#(+5%B!G'<5',=!)'*/2I/+&=#0&'7+,\$!M8&#!)'8J-(,!! ! TVT\!! ! ? n9!

!

+&(, "%#(\$ -'0 * +&0()# / &D'0 * < < (\$\$ "" '#3'

;%(#'%!-!@%&*%('&!?.'+<!W ; @ ? X!

S#-(\$!G%(, #(!) %<+7=#0&'7+,\$!' +7/'(5!E%\$/#8!! ! TVTY!! ! ?*P>'(\$#!

A-<#!6#(, ', 5#R=K, \$&+</=#0&'7+,\$!KB+&8!E'(*!! ! ! TVTY!! ! ?*P>'(\$#!

@#, *#(!.-(!F,, -C'*+-.!,+,!G#'7/+, \$!', 5!"#<#'(7//!W@FG " X! ? 5C+<-(8!@-BB+**##!

: -, , '!L+#, 7#D=!) \$B*2) D*\$=#0&'7+,\$!S4!) ', \$'&'('a!! ! 6'&&!TVTY!! ; nG!

>+'!I#*('7-C+7+!) '*/2I/+&=#0&'7+,\$!>4! ; '(5#, PS 'JJ#+!!! TVTT!! ! ? n9!

E-, -(<!@-%, 7+&!

M(+<*!'! ; - 3#(<!9/'(0#-!>+J('8=#0&'7+,\$!>+, 5'!N#&&B#(!!! TVTY!

?4!! K*+-.!-!9#,'*-(<!*-!<#(C#!-;!;%5\$#!G(',<0'(#,78!@-BB+***##!
W*3-<#,'*-(<=-,##'7/!(-B!K`@-!',5! ? n9-!*-<#(C#!*3-P8#'(!*#(B<X!
@/'+(0#(<-,!I8,#<!<*#5*/'*/#9#,'*-(!>'%#(3+&&!<#(C#!'<*/#K`@-!(#0(#<#,*!*-C#!.-(!*/#;!%5\$#!
G(',<0'(#,78!@-BB+***##!G/#(!3'<!'<#&.P,-B+, '*+-.!.-(!9#,'*-(!:+B+*(-C!*-!(#0(#<#,*! ? n9!.-(!'*3-P
8#'(!*#(B4!

;4!! K*+-.!-!@-BB+***##!-;!I(-C-<*'!,5!I(#<+5#,*+&!I#(-B',7#!
W.+C#!<#,'*-(<!*-!+,7&%5#!- ,#K`#7%*+C#!@-BB+***##!B#BJ#(=!*-!<#(C#!- ,#P8#'(!*#(B<X!