

II.

!
!

"!(+-9!\$, +-&"-2!&/' !O"" #1!!

!

"!(+-!

LROC!O"" #13(, O!&/' !I ' %(*!7""!P"(' 9!LRRS!O"" #13(, O!&/' !M, * . !:.) (" -2#!P"(' 9!LGLT!O"" #13(, O!
&/' !M"%(' O, -&<U' %(!3"(' 9!L9GOG!O"" #13(, O!&/' !7, "" . %4!P%(O!P"(' 9!LGGR!O"" #13(, O!&/' !
U' %\$/"" !M(' ' ; !P"(' 9!LGT0!O"" #13(, O!&/' !V*%##!P"(' 9!LTS0!O"" #13(, O!&/' !@+2+#&!M, O)"* 5!

!

Q/' ('?!%!6, , . !%&!&/' !' . 2' !, 3!%!<="" 9!&/' !S*%4(' . !6"&/! , 5". "W' . !"(' , -!

!

Q/' -?!%!/ +O". !%3&' (-, , -!%&!&/' !&%"<' - . !, 3!%!#+OO' (!, 3!2(" 3!

!

@-!, =' (/%-2"-2!8(%-\$/!#\$(%)' #!#; "-9!8*, , . !. ("))"-2!%!* , 6' (\$%# '!! !! . , 6-!O4!\$/ ' ' ; !U' 3, ('!!) +**!
, +&!O4!)/, -' !&, !(' % . !O4!3%\$ ' 9!"F=' !%*(' % . 4!&(%-#*%&' . !&/' !)%-?!

!

! 3, (!

! !!3, (! !

!

!!

!

"!6("&' !%- . !(' 6("&' !%!), ' O?!

B-!LSNG9!%13"3&' -<4' %(<, *. !8, 4!*, 88' . !%!#O, ; ' !8, O8!"-&, !a%2*!M(' ' ; !M%-4, -!. +(" -2!%13"(' !8%-1!
Q"- . #!8** 6!#O, ; ' !%- . !%#/'!6' #&!, -&, !I, (&*%- . !!@3&' (!&/(' ' !O, -&/#9!&/'!3"(' !/%. !\$, -#+O' . !-' %(*4!
CS9SSS!%\$(' #!%*, -2!&/'!M, *+O8"%!` "=' (!V, (2' !!

!
B-!LSNT9!"!8(, ; ' !%13"(' !8%-!6"&/'!O4!3(" - . #!%&!M%- , -!U' %\$/!B&!6%#!&/'!#+OO' (!8' 3, (' !&/'!3"(' #&, (O!
. ' #&(, 4' . !I %(% . "#' 9!&/'!#+OO' (!/'% . ** - ' #!(' % . !X! , (&*%- . !U(' %; #!` ' \$, (. !3, (!H, #&!D%4#!@8, =' !\S!
D' 2(' ' #!Z!!
!

!
!
!

!

!

!
B-!8, &/!. (%3&#!, 3!&/'!), ' O9! !%- . ! !!
!
>/'!-' 6!=' (#, -!' - . #9!/%*3!%\$\$+##& , -9!/%*3!\$, -3' ##, -?!

!
Q/"**! "\$/%-2' !\$, OO%#1%- . !)(, -, +-#9!O4!3(" - . F#13%O**4!\$%8"-!8+(-#!. , 6-!"-!&/'!3, (' #&!%#&! , 3!
: %* O!>/'!3, (' #&!&/%&!+##' . !&, !. (")!6"&/'!, *. <O%-F#18' %(. !-' 5&!&, !&/'!(=" '(16/' ('!, +(13%\$' #!8' %O!"-!%!
) /, &, !3(, O!3=' !4' %(#!%2, 9!O4!/%"(!#&***!#/ , (&9!, +(!\$/ ' ' ; #!&, +\$/"-2!
!
!

!

Q/%&!(' O%"-#E!H4!O' O, (4!, 3!&/'!) (%8**!6/' (' !&/'!O%-!"-!/'**!\$(" ' #!3, (!6%&' (1!]+#&!%13"-2' (&")!
. ")' . !"-!%#&(' %O!&, !\$, , *!/'#!&, -2+'!U+&!"&F#!O), ##"8**9!&/'!\$/%#O!&, , !2(' %&!&, !\$(, ##!
!
J, !, -' !%8**!&, !\$, O'!, (!**%='!A=' (!L9CSS!O*** #!@**!&/'#!#)%\$' !8' &6' ' -!

III.

"!\$*\$;!, -!%/ ' % . ** - ' !3(, O!&/' !

?!Xa%#&' (-!Q%#/'-2&, -!#*%OO' . !84!3"(' #9!. +#&!#&, (O#9!

!
!

!

!

"!6%&\$!/O4#*3!"-!O4!3%&/'(f#!/,+#'!d&/'!/,+#'!\$+&!"-!&6,e!%#16"-.,6#!#/%&&'(9!6"-.!#\$(%)'#!#\$%8#!,3!
#/"-2*'#!3(O!&/'!(,3!>/'!/,+#'!#6%4#!"-!%!. ' #' (&!#)". '(6'88'.!6"&/\$(%\$;#!"',!%)'" '\$'!,3!
#%-.#&,-'!%8,+&!&,#/%&&'(!+-.'(!%!/%%OO'(f#13"#&!)

!

"!. ('%O!&/"#1!

!

"!. ('%O!%!O+&' .!%), \$%*4)#'9!O4!O, &/'(f#!-%O!'!\$**"#'.!"-!O4!O,+&/!"!. ('%O!%!*%- .3***!"-!&/'!2(%='!
,3!%!*%;'bO"\$(\$,6%='#9!'O)&4!V%&,(%. ' !8, &&*#9!&/'!8+*8,+#!/'%.!,3!%!8%84!.,**1!"!. ('%O!%-!
'%(&/K+%;'!"-!'%#&'(-!Q%#/"-2&,-!&/'!'**')/%-&"-!8,-'#!,3!&/'!/,+#'!'5)*,.'!8'/"-.!+#!%#!6'!
'#\$%)'1!

!

"!

I !

!

!

>/'!.%4#!O,*.!%-!.!.\$,O),#1!@!8%-!%)''*!3+#!#16"/!4'##(.%4f#/'%.**-'#9!%-2+%2'!\$,O)**"\$8!
\$,O)*4"-21

M%(. "-%#1%-!.!8*+'c%4#!#\$('\$/!,+&#".'!O4!)%-'!.!6"-.,69!3*##/'#1,3!(.'!%-!.!8*+'!('3+#"-2!O4!2(%)/9!
O4!2("!.!H4!#"2/&!\$%-f&!/,*.!&/'"(!O,='O'-&!>/'!-'6#!.,'#-f&!\$,+-&!&/'!-, -/+O%-!%O, -2!&/'!
.'%.!!

!

!

!

!>/'!\$"\$.%!, -!&/'!*%+-.(4!(, ,O!3*, ,(1!B&#!/+#!;!*'%3<*2/&!, -!&/'!*"-&<("..'-!*"-, *'+O!

!

!>/'!(%\$\$, -!('#/%)' -!'-&,#***4!)+&&4!, -!&/'!\$, +-&(4!(,%.!!

!

!>/'!:6%#-#, -f#!&/(+#/!, -!&/'!#".'6%*;9!&#!\$"-. '<8*%\$;!4'#!8+(#&13(O!&/'"(1#, \$; '	!&'&/'('.!
&!,!&/'!8,.4!84!&/"-!('.!&/'(%.#1!

!

Q/%&!6, (.!\$+**!.!4,+E!B-!6/"\$/!%-2+%2'!#/ ,+*.!"!6'')E!

!

!

!

!

!

!

!

!

A-\$'9!".%&'!.!%O%-!6/,!8'***='.!&/'!'%(&/'!#&/'!\$' -&'(1,3!&/'!+-="=(#'!!

!

B#!O4!***!%-4!. "33' ('-&?!)+***-2!. "#&%-\$'#!-&,!, (8"&!#"3!-%O"-2!"#!%-!%\$&! ,3!2(=%&4E!>/'!3%-&%4!,3!1!
@#"!3!&/'"(1#+33'("-2!"#!O4!#+33'("-2!@#"!3!"!\$,+*.!#)'%;!3,(!&/'!&(' '#1!!

!

] '#+#!&' O)&#!O' 9! 1!V+""&!%-!.!%8#&"-'-\$'!&/'!3"(&!&')#!,3!/'%*-2!1^'&!O!'!O)*,4!&/'!,*!.!
&/' ,2" #9!"-\$-'(%&'!#'*39!#59!8,.4!17,6!'%#4!&,\$%"O!#*=%&,"-9!,8c'\$&="849!'-&(--\$'!1!Q/%&!#6''&!
#'.+\$&,"-9!&/'#!(' '*%#!13(O!O4!,6-!&'***-2!1h-8+(.'-'.!3(O!%-!9!"!3*4!%-!.!3*49!\$(,##!\$,+-&(49!#&,(49!
#)'\$"" #1!dA!D,+2*%#13"(9!A!8"2!"%3!O%)*9!A!Q' #&'(-!/'O*,\$;!.(; '--2!&/'!/'***#".' #13(O!1, (&*%-!.!
&!,!a+2'-'e!!

!

"!+#'!&/'!)(, -,+-! !%-!.!O+*&")*4!@O!3'(-!%-!.!3(,2!%-!.!8*%\$;'-'!.!O,+-&%"-!@!O+(O+(%&,"-!
6/' '*"-2!%8,='!&/'!\$"&!"";'!3*%;'#!,3!%#/'!""3&'.!84!6"-.!1!P,(!6'';#16'!. , -f&#)'%;!1!H4!f!!!!!g!%-!.!1!
H4!f!!!!!g!%-!. b!

!

!

!

@-"O%*!#, +-. #!' \$/, !%&! "2/&!%O!@!. , 2!*"; ' !%#!# '%*!" -!&/' !#&%"(6' **1!| %-!%- . !(%2' !%#!)%6#!#\$(' '\$/!
%\$(, ##!"- , *' +O!a%\$/!8%(!%#!%6!8*%.' !)+** . !%\$(, ##!&/' !O, (-"-2F#!, +&#&(' &\$/' .!"O8#!

!

7, 6!O%-4!O, (-"-2#!8'3, ('!"!*" %(-?!-!J ' 6!H'5"\$, 9!&/, +#%- . #!, 3!. '%. !%- . !. 4"-2!8"(. #!!: 6%**, 6#!
2(+-. ' .!, -!%2, *3!\$, +(#' 9!8*+' 8"(. #9!6%(8** (#9!#)%((, 6#9!8*%\$; 8"(. #!@-! !-+O8' (1!@**!
"-# '\$&"=, (' #9!8, &/'O"2(%&, (4!%- . !4' %(<(+-. 8"(. #!>/' !%("&\$** !#&%&' #!

!

!

!

!

Q/%&!"#!%!8, +-. %(4!8+&!%!&/(' #/, * .!, 3!(' #), -#"8***&49!, 3!(' &+(-E!!

!

B-!&/' !8%\$; !, 3!&/' !8%-4, -9!%!8+#!/

Q/%&! . , ' #! \$, O)%##" , -! O' %-! %\$(, ##! . "#&%-\$' E! M, O)%##" , -! 3(, O! &/' ! ^%&" -! =' (8!

Q/'-!04!0, &/'(!%#; #!/ , 6!"!0%; '!#'-#! , 3!6/4!6'!(!/'('9!"! , -F&!%-#6'(!: /' !; ' ')#!%#; "-2!0'!
K+' #& , -#9!/,)" -2!#/' F**!' % . !0' !& , !\$, -3' ##!&/' !V, . !#/' !#%4#!!"-' ' . 1"!; ' ')!6("&-2!) , ' O#!& , !(' %\$/!/' (!
a%\$/! , 3!+#!&(4"-2!& , !#%=' !&/' ! , &/' (!"-! , +(, 6-!%-2+%2'1!
!

!

Q, O' -!; -' '*!"-!#; "(&#! , -!&/' !\$%)' &' . !#&')#!%&!&/' !3(, -&! , 3!&/' !\$+(\$/1!>/' "(!3%\$' #!3(%\$&*"!-!&/' !(' . !
2* , 6!\$%#&! . , 6-!3(, O!#&%"- ' . !2*%##!@!)%(! , 3!#*%\$; #!#&(% . . ** #!&/' !) , . "+O!@!)%(! , 3!/%- . #!*3&' . ! , =' (!
&/' O!a%\$/!6 , O%-!/, * . #!%\$/' " . 1!@!8+(-&! , (!#"-! , 33' (" -21!
!

!
!

!!

!

: &"**9!"! '%&!8+&!\$%- , &!6 ' ')1!B-!O4!(' ="# , -! , 3!&/' !. (' %O9!"!#&&- . !8' /" - . !&/' !) , . " +O!%- . !)%(&!O4!"*)#!
H4!8 , . 4! ,)' -#1!@-!A!&/ (, +2/!6/"\$/\$, * , (#!"*%)b (%"-9!6"- . 9!&/+ - . ' (9!3" (' 9! . %+2/&' (b / , 6**"-2!"-!%!
3" * . !#+((, +- . ' . !84!3*%O' #!\$%- . **"-2!&/' !&(' ' #1!!

"!&(4!Q"; ")' . "%!d3(' '9!8+&!&/' 4f(' !%#; "-2!3, (!. , -%&" , -#e!%- . !3"- . !%! . '#\$("&" , -!&/%&!O%&\$/' #!O4!
%*(' % . 4!/%W4!O' O , (4! , 3!&/' !8"(. 1!"!\$%-!-' =' (!" . ' -&"34!%!#) '\$" #!%&!&/' !O , O' -&! , 3! , +(!' -\$, +-&' (!
Q%#-F&!"&!@+2+#&"-' !6/ , !#%" . !6' !\$%-!-' =' (!-%O' !&/' !)' (' #' -&E!P , (!%#!# , , -!%#!6' !#%4!X- , 69Z!"&!/%#!
%*(' % . 4!)%##' . 9!&/' !6 , (. #!3% . "-2!"-& , !&/' !#)%\$' !6/' (' !# , O' &/" -2!/%#! . "#%))' %(' . ! , (!\$/%-2' . !!

!
!

!

!

@#!\$**O%&' !\$/%-2' !%- . ! , =' (!%!' \$' -&+(4! , 3!3"(' !#+)) (' ##" , -!' % . !& , !O , (' !/"2/!#=' ("&4!3"(' #!" -!&/' !
3+&+(' 9!"&!\$, +* . !8' !/%(. ' (!3 , (!3 , (' #%- . ! , &/' (!' \$, #4#&' O#!& , !(' \$, =' (9! !(') , (!

@!/40-!3, (!&/' !O%&\$/'!"/, *. !&, !&/' !)%2' 1!!

!

@!/40-!3, (!&/' !#"** - \$' !%3&' (!O4!6, (. #!/%'= !8+(-' . !%6%4!6/' ('!3"- . !O4#' *3!\$(4"-2!%- . !\$%-F&!#%4!
6/, #' !6%&' (!#(' *' %#' . 9!6/"\$/'(=" (!#) **&#&/' !#&, -' !"-#". ' !O' 1!!

!

H"#&!(#' #!3(, O!&/' !3%*#" -!&/' !\$' -&' (!, 3!&/' !\$"&4!6/' (' !O4!O, &/' (!6%: ' #!%- . !#"') #!@3&' (!%!' %#, -!
, 3!3"(' !%- . !#O, ; ' 9!#/' !6%*; #!&/, +2/!&/' !)" -' #9!) +**"-2!O' !"-&, !/' (!, (8"&!, 3!)(%"#' !%- . !2(" 3!)

'#++\$%'0-\$DVE\$1#0*+\$3<%&&-\$)'#*\$+1+%#5+&+<2''\$0+\$W02&(2\$2)0+%0'\$@)<G'0+. (&* __ \$8%\$501\$%04#\$\$&-\$#12#++\$) (\$
C=EEE\$1#0*+\$() *\$%'#\$(<'2)5/'&5#-%) (\$+%<2%<*0'\$+%0G#+\$&- ''#*#-%%)\$%'#\$+1+%#5\$%)\$6#,#')/FA\$

\$

K-\$B(2;#--+(2-\$8<G<+%-#J*8%#+=7! ''#*#() *#-\$&(\$%'#\$/*#+#-%\$+) \$0+\$%)\$3#%#5#=\$5<+%\$3##+) \$2) -+%8%<%#6\$\$
%'0%88%/0++#+\$&-%)'#\$/0+%\$'' J\$20-\$J#+\$01\$%'0%88%&+=\$&-2#\$\$'#\$20<+##\$) (\$8%+\$3#&-G&+\$%'#\$(02%\$%'0%88%J&''\$\$
2#0+#\$%)\$3#`\$@)#+\$8%&-)%&()'' J\$%'0%J#20-\$%<'1\$+01\$%'0%88%&+\$%&5#=#) -'1\$3#20<+##8%#%#-6+\$%) J0*6+\$\$
-)-.3#&-G`A\$

\$