



" #\$\$%')!(*!(+ ,! - '#(, ./ (& (,)!& % , !012 ' , %&32 , !(*! 4 & ' 5! . #66 , % , ' (! , 782*# (&(#0 , !. 5 ' & 4 #9) :& ' . !' *!(;1)!(&!(' &%(+&<)! =# ' , 5& % . >!

? , (, % ! / @ , % % 5 !!

AB!C9(!DADDE!FFGHI!& 4 !!

!

J2*%# . &!K*0 , % ' *% !L* ' !M , / & ' (#) <)!& ((, ' (#* ' N\$, ((# '\$!) (1 ' (O 625# '\$!6#6(5! = , ' , P1 , 2& ' ! 4 #\$\$%')!6* 4 ! / & ' !Q' (* ' *#!(*! " &%(+&<)! =# ' , 5& % . O +&)!3 , , ' !R# . , 25!& ' . !;1)(#6#&&325!9* ' . , 4 ' , . >!S1(E!&)! 6% , T1 , ' (25!*991%)!# ' !)19+!9* ' (%*0 , %)# ,)E! 4 *)!(*6!(+*) , ! . *# '\$!(+ , !9* ' . , 4 ' # '\$!+&0 , !2*)!(&22! 8 , %)8 , 9(#0 , >!

M , / & ' (#)!#)!&!L , 8132#9& ' E!)*!6 , R!*!6!+#!) 4 & ' 5!9%#(9)!+&0 , !3*(+ , % , . !(*!9* 4 8& % , !+#!)!(1 ' (!R#(+! % , 9 , ' (!4 *0 ,)!35!(R*!M , 4 *9%&()E!U+#9&\$*! " &5*% !V*%#!V#\$+(6**(!& ' . !W22# ' *#)!K*0 , % ' *% !X>S> ! ?%#(P@ , %>!Q6(, %! . , ' *1 ' 9# ' \$!& ' *(+ , % !L , 8132#9& ' E!Y , 7&)!K*0 , % ' *% !K% , \$!Q33*(E!6*% !+#!)1 '#2&(, %&2! 8*2#95!*6!31# '\$!(+*1)& ' .)! *6! 4 #\$\$%')!(*!)& ' 9(1&%5!9#(, # ,)!)19+!&)!U+#9&\$*!& ' . !Z , R! [*% @E! V#\$+(6**(!& ' . !?%#(P@ , %! , 4 8+&)#P , . !(+&!(+ , %#!;1%#) . #9(*# ')!& % , !*8 , ' !(*!)19+!8*812&(# ')!# ' ! . #)(% ,)> [, !!(+ , 5!(+ , ' !8%*9 , , . . !(*!4 *0 , !)#7(5N6*1% ! = , ' , P1 , 2& ' ! 4 #\$\$%')!(*!& !+*(, 2!# ' !& ' ! *1(25# '\$!;1%#) . #9(*# ' E!(+ , ! , 71%3& ' !9* 4 4 1 '#5!*6!S1% !L# . \$, E!R#(+*1(! ' *(#65# '\$!& ' 5!)*6!(+ , ! *66#9#&2)!(+ , % , >!Z*(!)1%8%#)# '\$25E!(+ , !4 &5*% !*6!S1% !L# . \$, E!&!L , 8132#9& ' !R+*!+&)! , 78% ,) , . !' *! &' # 4 1)!(*R& % . !!(+ , !4 #\$\$%')E!+&)!(% , ' 1*1)25!9%#(9#P , . !+#!)6 , 22*R! , 2 , 9(, . !*66#9#&2)>!

Y+ , !8*# ' (!#)! ' *!(!&8&%(#)!&' * ' , >!U2 , &%25E! ' *!* ' , O * ' ! , #(+ , %!)# . , !*6!(+ , !&#)2 , O @ ' *R)!T1#(, !R+&(!(*! . *!R#(+E!%!*%E!(+ , !+1 ' . % , .)! *6!(+*1)& ' .)! *6! 4 #\$\$%')!(*R!)(% , & 4 # '\$!&9%*)! *1%!) *1(+ , % ' !3*% . , %>! X1)!(&)!92 , &%25E!#(!#)!(#4 , !(*!)(*8!& ' . ! , 7& 4 # ' , !*1!&)!1 4 8(#* ')!&3*1(!(+ , !*\$&2)!& ' . !4 *(#0 ,)! *6! (+* , !) , @# '\$!(*! , ' (, %! *1!9*1 ' (%5>!Q' . !#(!#)!9 , %(&# ' 25!(#4 , !(*!)(*8!9&8#(&2#P# '\$!* ' !(+ , !9+&22 , ' \$,)! 8*) , . !35!(+ , !% , 9*% . !' 1 4 3 , %)! *6! 4 #\$\$%')!(*!(& @ , !8*)+*)!&!(+* ,)!& 4 * '\$! *1%16 , 22*R!9#(#P , ')! R+* 4 !R , !+&0 , !2 , & % ' , . !4 *)!(, ' (+1)#&)(#9&225!(*!0#2#65>!

Y*!3 , \$# ' E!#(!#)!9%#(9#&2!(*!&9@ ' *R2 , . \$, !R+&(!R , ! . *! ! " #!@ ' *R!&3*1(!(+ ,) , !4 #\$\$%')>!W ' !% ,)8* ') , !(*! . %& 4 &(#9!& ' . !9* ' (%*0 , %)#&2!9+& ' \$,)!# ' !(+ , !# 4 82 , 4 , ' (&(#* ' !*6! *1% !# 4 4 #\$\$%&(#* ' !2&R)E! 4 *% , !& ' . ! 4 *% , !# ' . #0# . 1&2)!&%#0# '\$!&(!*1%)*1(+ , % ' !3*% . , %!& % , !' *!(, 9* ' * 4 #9&225! 4 *(#0&(, . !4 #\$\$%')!) , @# '\$!(*! , ' (, %!)1% , 8(#*1)25>!W ') (, & . E!(+ , 5!& % , !8% ,) , '# '\$!(+ , 4) , 20 ,)! . % , 9(25!(*!3*% . , %! *66#9#&2)!&)!&)521 4 !&882#9& ')!6 , &%# '\$!6*%!(+ , %#!2#0 ,)!& ' . !)!&6 , (5>!Q' . !R+#2 , !(+ , ! = , ' , P1 , 2& ')!# ' ! (+ ,) , !% , 9 , ' (!9* ' (%*0 , %)# ,)!& % , !62 , # '\$!)#(1&(#* ')!(+&!(4 #\$\$+(T1&2#65!(+ , 4 !6*% !% , 61\$, , !)(& (1)E!#(!#)! 6&% !6* 4 !9 , %(&# ' !+&!(&22! *6!(+ ,) , !91% , ' (!4 #\$\$%')E!%* ! , 0 , ' !4 *)!(*6!(+ , 4 E! 4 , . !(+* ,) , !9%#(, %#&>!W ' ! &' 5! , 0 , ' (E! = , ' , P1 , 2& ')!% , 8% ,) , ' (!;1)!(* ' , !) , \$ 4 , ' !(*6!(+ , !+1 ' . % , .)! *6!(+*1)& ' .)! *6!# ' . #0# . 1&2)! 6* 4 !0&%#*1)! ' &(#* ')!R+*!+&0 , O 6*% ! . #0 , %) , !& ' . !*6(, ' !2 , \$#(# 4 & (, !% , &) * ') O 3 , , ' !&%#0# '\$!&(!*1%) *1(+ , % ' !3*% . , %!& ' . !9* ' (%#31# '\$!(*!(+ , !9+&*)!& ' . !9* ' 61)#* ' !(+ , % , >!

C30#*1)25E!# 4 4#\$%&(#* '!*66#9#&2)!6&9,!.&1'(#'\$!.#66#912(#,)!.,(% 4# '# '\$!R+*!& 4* '\$!(+,),!
(+*1)&' .)!+&0,!2,\$#(#4&(!92)!(*!%,61\$,,!)(&(1)! [,(!9* '6*1' .# '\$!(+,!9+&22, '\$,!#)!(+,!
45(+*2*\$5!(+&(!+&!)9* 4 ,!(*!, '0,2*8!*1#!# 4 4#\$%&' (!+#)(*%5>!J*%!(+#+)E!2**@!' *!61%(+,%!(+&' !(+,!
/(&(1,!*6!V#3,%(5E!&' .!)(+,!R*%.)!*6!\ 4 4&!V&P&%1)<)*' ',(!#')9%#3,.*'!#(!3&),>!M,)#\$'&(#'\$!
V&.5!V#3,%(5!(+,!] " *(+,%!*6!\ 7#2,)E^!V&P&%1)!)*1\$+(!*!4, 4 *%#&2#P,!(+,!82#\$+(!*6!+,%IX,R#)+!
3%*(+,%)!&' .!)#)(,%)!166,%# '\$!Y)&%#)(!8,%),91(#* '!#'\ &)(,% '\ 1%*8,>!W'!)!.*#' \$E!)+,!+,28, .!
%,0#0,!(+,!J*1' .,%<!0#,R!*6!Q 4 ,%#9&!&)!&!%,61\$,!6%* 4!\ 1%*8,&'!*88%,))#* '>!S1(!)+,!&2)*!
4 &' &\$, .!(#!# 4 8%# '(#!'+,!4 #22#*')!*6! 4#\$%&' (!R+*!8&)), .!1' .,%!V#3,%(5<)!(*%9+!(+,!# 4 &\$,! '*(!
4)(&6!# 4 4#\$%&' (!90*#)(\$19*4)2*%0314*6!1(+!+*4,2)E!(-48)0(*)E0(+!1+1*2)d
9!&4&8#002!(9)02*(6)0.28!b(6)0E95)0c2(&0.2e0.2]S!1Q)04800(+!082390692,7692+5B1500050
4.&4#)!5!9)0#2\$!(6)3%2(&+)05(56)2)02(4)0.2(&)0.2(\$#)0.22,+ 40,# " E^!+66)0.22,&'(&)0.2..2+, 4

(+,!- '#(,./(&(,)!+&)!#'0&%##325!3,, ' !8,*82,. !35!4#\$%&'(!),&\$,%!(*)),(2,!.*R'!+,%,!
8,%4&' ,(25>!

b +, '!(+,!4#\$%&'(!)#!T1,) (#*'!&%,!5*1'\$!8,*82,E!,)8,9#&225!5*1'\$!4, '!91(!2**),!6%*4!(+,!3*' .)!
*6!6&4#25!&' .!9*441'#(5!3&9@!+*4 ,E!(+,5!4&5!3,!R#22#' \$!(*(!&@,!&..#(#*' &2!%#)@)!(+&(!8%1., '9,!
R*12.!&.0#),!&\$&#')(>!Q' .!(+,!,66,9(!*6!4#\$%&'(!)<+*%(N(%4!(#4 ,!+*%#P*')!&%,!+&% .25!9*'6#', .!
(*!(+,!R*%@82&9,>!J*%!,7&482,E!(+,5!&2)*!%,)12(!#'!&!R#22#' \$',))!(*!81(!18!R#(+!8**%12#0#' \$!
9*' .#(#*')!&!(+,!+&' .)!*6!1')9%1812*1)!2&' .2*%.)E!*%!(?!.%#0,!4*(%*!0,+92,)!R#(+*1(!8%*8,%!

(+, !U+&2,)!/(, R&%(" *((!J*1' .&(#*'E!&' !(+, ! " &9Q%(+1%J*1' .&(#*'>!Y+, !*%\$&' #P&(#*' <)!6, . . %&2!
J*% 4!eeA!`(*!), 91%, !(&7!, 7, 4 8!)(&(1)a!)(&(,)!(+&!#(!) 4#))#*' !#)!(*!3%# '\$!&3*1(!&!4 *%, !# '921)#0, E!
, T1#(&32, !&' .!)1)(&# ' &32, !R&5!*6!2#6, !6*%V&(#*' !# 4 4 #\$\$&' (!9* 4 4 1 '#(#,)!2#0#' \$!#!!(+, ! - '#(, .!
/(&(,)!&' .!&9%*)!(+, !Q 4, %9&)>!S5!R*%#@# '\$!(%&')' &(#*' &225!R#(+18&%(' ,%)!6%* 4 !9#0#2!) *9#, (5!&' .!
\$*0, % ' 4, 'E!*\$&' #P, . !2&3*%!&' .!6&#(+N3&), . !9* 4 4 1 '#(#,)E!R, !+*8, !(*!9%, &(, !&!4 *%, !. # '\$ '#6#, .!
&' .!;1)(!R&5!*6!2#6, !6*%!&22!8, *82, !#!!(+, !Q 4, %9&)>^!

U2, &%25E!&' !& 4 3#(#*1)E!#6! '*(!\$%&' .#*), E!), (!*6!*3;, 9(#0,)>[, (!&!V&(#*' !9*22, &\$1, !*6!4 #', E!&!2#6, N
2* '\$!,)# ., ' (!*6!U+#9&\$*!&' .!+#\$+25!0#)#32, !9* 4 4 1 '#(5!2, &. , %!R+*!@*' *R)!R+, %, !&22!(+, !3* .# ,)!
&%, !31%#, .!' &' .!+, 28, .!31%5!) *4, !*6!(+, 4 aE!+&!) ' , 0, %!+, &% .! *6!Q2#&' P&f!

W' !%, 9, ' (! . &5)E!* ' , !%, & .)!(+&!&(!2, &)(!) *4, !*6!(+, !4 #\$\$&' ()!)+#88, . !*66!35!)+& 4, 2,))E!\$%&' .N
)(&' .# '\$!8*2#(#9#&')!(*!82&9,)!2#@, !U+#9&\$*E!Z, R! [*%@E!&' .!, 0, '!' &%(+&<)!=#', 5&% .!&%, !' *(
, '#(, 25! .#)82, &), . !R#(+!R+&(!+&)!+&88, ' , .!(*!(+, 4 !)*!6&%!# ' !Q 4, %9&>!/ *!(+, !T1,)(#*' !&#),)E!
R+*), !)(&' .&% .)!&' .!#'(, %,)!)+&0, !3, , ' !0*#9, .!# '!(+, !%, 9, ' (!*1(8*1# '\$!*6!*1(%&\$, d!!Y+*), !*6!
(+, !4 #\$\$&' ()E!*%!(+*), !*6!(+, #%!& .0*9&(,)d!Y*!3, !)1%, E!Q 4, %9&')!)+*12. !' *(!3, !, 78, 9(, . !(*!)&' .!
35!R+#2, !4 #\$\$&' ()!\$, (!, 782*#(, .>[, (!*1%!*1(%&\$, !' , , .)!(*!3, !(, 4 8, %, .!35!(+, !%, &2#P&(#*' !+&(!
(+, %, !&%, !4 &' 5!R&5)!(*!, 782*#(!4 #\$\$&' () O &' .!+&(!*!0&%5# '\$! ., \$%, ,)!R, !&%, !&22!9* 4 82#9#(1# '!(+##)
. 5' & 4 #9>!J# ' &225E!R, !4 1)(!3, &%!# ' !4 # ' .!+&(!4 #\$\$&' ()<8%*92#0#(5!(*!(&@, !9+&' 9,)!&' .!9%#91 4 0, ' (!
6*% 4)!&' .!%12,)!6&9#2#(&(,)!, 782*#(&(#0, !%, 2&(#*')+#8) O &' .!#)!* ' , !%, &)* '!(+, 5!&%, !0&21&32, !(*!1)>!

!'"#\$%&' '\$\$(-, +; ' "0. ++ "' - "0-; "%, #, 4\$%-+4, . !4. -\$#-< "+#"'! -="%%.) .>-\$0. %% " ?-\$#-#/. -@!+#, #&# .-0"' -
1*8\$!4. *- .#&* . +, !- =&%#&' .-\$#-#/. -A!, 8. '+, #B- "0-C, '), !, \$>-\$! *-\$4"'#', (&#, !) . * , #' ' - "0-Q 4, %9&' !
?1%8*), >!