

!"#\$%&'(")**+,-+\$&./+\$\$\$0&*12\$32.'42*0+!*2350')6%'

40!*3#7#7!89 ::;9<88!=>!/?&7@!A(@!9B:88@!

"#\$%&'!#"(!)*+,-./01!)&!*)2,!

3 -./ 01,!4)56%6&6#%*,

/(&!\$C#!D%&D(0#0!(E!\$C20!-C*!\$3#E!(..(G2'H!G(&70!0C*..!C*!#!\$C#!7#E2'2\$2('0!7#0-&2=#7!C#'F
%'.#00!\$C#!-('\$#J\$!-.#*&.>!2'72-*#0!\$C*\$!0%-C!7#E2'2\$2('!G*0!('\$!2'\$#7#7K

1,4LM!

4!>!&#N%#0\$!(&!7#3*7F!GC#\$C#&!%7#&!*(-'\$&*-\$!(&!(C#&G20#F!E(&!3('#>!(&!D&(D#&\$>F!(&!E2'*-2*!*0020\$*-#!GC2-C!20!3*7#!\$(!*!>!#3D.(>##F!(EE2-#&!(&!*H#'\$!(E!\$C#!1(%'\$>!(&!\$(!*!>!
-('\$&*-\$(&F!H&*\$##!(&!(\$C#&!&#-2D2#'\$!(E!3('#>!(&!D&(D#&\$>F!2E!\$C#!1(%'\$>!D&(127#0!*!>!D(&\$2('!
\$C#!3('#>!(&!D&(D#&\$>!GC2-C!20!&#N%#0\$#7!(&!7#3*7#7F!(&!G2..!=%&0#!0%\$(&F!\$&*
H&*\$##F!(&!(\$C#&!&#-2D2#'\$!E(&!*!>!D(&\$2('!(E!\$C#!3('#>!(&!D&(D#&\$>!GC2-C!20!&#N%#0\$#7!(&!7#3*7#7@!

1?AO"41O?!"

4!D#&0('!GC(!#'\$#&0!2\$(!*!-('\$&*-\$!G2\$C!\$C#!1(%'\$>!(&!*!>!G'#&F!(EE2-#&F!72&#-\$(&F!#3D.(>##!(&!*H#'\$!(E!0%-C!D#&0('F!*!>!0%=-('\$&*-\$(&E!0%-C!D#&0('!(&!*!>!D#&0('!-\$2'H!2'!-(-#&\$!(&!-('0D2&2'H!G2\$C!0%-C!D#&0('F!=%\$!('\$!2'-.%72'H!*!>!D#&0('!GC(!20!*!1(%'\$>!EE2-2*!(&!#3D.(>##!(&!G*0!*!1(%'\$>!EE2-2*!(&!#3D.(>##!*\$!\$C#!\$23#!(E!\$C#!*..#H#7!-'7%-@\$

1?6AOP !

OC#!1(%'\$>!(E!4..#HC#>!(&!>!*H#'-2#0!(&!2'0\$&%3#'\$*.2\$2#0!\$C#&#(E@

/4,)Q!1,4LM!

4!-.*23F!(&!2'E(&3*\$2('!&#.*\$2'H!\$(!*!-.*23F!GC2-C!20!E*.0#!(&!E&*%7%.#\$\$@

LARQ)OLS4L\$;?2E -3Q)OL*.*\$!&!2N%2&>!-'7%-23#105('7%-23%&T#10H!2!*!0%-'7#3*7F!-.%72'H!*!:

D%&D(0#0!(E!\$C20!-C*D\$#&F'!(D&((E!(E!0D#-2E2-!2'\$#\$!(17#E&*%7!0C*..!=#!&#N%2!\$(!#0\$*=. l2(.*\$2('@!

W"?1QXX)!

OC#!\$&#=#.7*3*H#0!*7!E2#0!*0!D&(127#7!2!Y!Z!9F!=\$%!0C*..!(\$!2'-.%7#!*\$\$(&#>0]E##0!*7! -(0\$0@!

3 -./ 07,!89#:6;6&)(!+##%(\$+&,

4@ 4'>!D#&0(!GC(!-(332\$0!*>!(E!\$C#!E(..G2'H!D&(C2=2\$#7!*-\$0!0C*..!=#!.2*=.#!\$(!\$C#!1(%'\$>!E(& \$C&##!\$23#0!\$C#!*3(%\$!(E!7*3*H#0!GC2-C!\$C#!1(%'\$>!0%0\$*2'0!=#-.*%0#!(E!0%-C!*-\$2('F!*7 0C*..!=#!.2*=.#!E(&!*\$\$(&#>0]E##0!*7!-(0\$0!E(&!*>!-2!2!.*-\$2('!&(%HC\$!\$(!&#-(!#&!0%-C!7*3*H#0K

^8_T'(G2'H.>!D�#\$0!(&!-.*%0#0!\$(!=#!D�#\$#7!*E*.0#!-.*23!E(&!D*>3#'\$!(&!*DD&(I*.`

^9_T'(G2'H.>!3*V#0F!%0#0!(&!-.*%0#0!\$(!=#!3*7#!(&!%0#7!*E*.0#!&#-(&7!(&!0\$*\$#3#'\$!3*\$#&2*!\$(*!E*.0#!(&!E&.*%7%.#'\$!-.*23`

^B_1('0D2�!\$(!-(332\$!*!l2(.*\$2('!(E)%=0#-\$2('!4^8_F!^9_F!^Z_F!^_F!^;_!(&!^a_`

^Z_b*0!D(00#002('F!-%0\$(7>!(&!-'\$&(!E!D&(D#&\$>!(&!3('#>!%0#7!(&!\$(!=#!%0#7!=>!\$C#!1(%'\$> *'7F!2'\$#72'H!\$(!7#E&*%7!\$C#!1(%'\$>!(&!G2..E%..>\$(!-'-#*!\$C#!D&(D#&\$>F!7#.2!#&0!(&!-.*%0#0!\$(! 7#.2!#!.#0D&(D#&\$>!\$C#!\$C#!*3(%\$!E(&!GC2-C!\$C#!D#&0(!&#-#2!#0!*!-#&\$2E2-*\$#!(&!&#-#2D\$

^_L0!*%\$C(&2c#7!\$(!3*V#!(&!7#.2!#&!*!7(-%3#'\$!-#&\$2E>2'H!&#-#2D\$!(E!D&(D#&\$>!%0#7!(&!\$(!=#!%0#7! =>!\$C#!1(%'\$>!*'7F!2'\$#72'H!\$(!7#E&*%7!\$C#!1(%'\$>F!3*V#0!(&!7#.2!#&0!\$C2D\$!G2\$C(%\$ -(&3D.#\$\$.>!V'(G2'H!\$C*\$!\$C#!2'E(&3*\$2('!(\$C#!&#-#2D\$!20!\$&%#`

^;_T'(G2'H.>!=\$>0!(&!&#-#2!#0F!*0!*!D.#7H#!(E!*!(!=.2H*\$2('!(&!7#=\$F!D%=.2-!D&(D#&\$>!E&(3!* (EE2-#&!(&!#3D.(>##!(E!\$C#!1(%'\$>!V'(G2'H!\$C*\$!0%-C!(EE2-#&!(&!#3D.(>##!. *G5%(\$!0\$*!(& D.#7H#!\$C#!D&(D#&\$>!(&

^a_T'(G2'H.>!3*V#0F!%0#0!(&!-.*%0#0!\$(!=#!3*7#!(&!%0#7!*E*.0#!&#-(&7!(&!0\$*\$#3#'\$!\$(-('-*.*F!*l(27!(&!7#-#�#!*!(!=.2H*\$2('!(\$!D*>!(&!\$&*032\$!3('#>!(&!D&(D#&\$>!\$(!\$C#!1(%'\$>@

d@ OC#!-(%&\$!3*>!*00#00!.#00!\$C#!\$C&

