



C@<D"&(D\$>a&+<;(W9<,98(B,&(2">\$9A#(!&8<&\$(>\$(38+"@;9:&(!>CC@89<9&;\*(B,9;(D>;9<9>8(98:>":&;(+>""#\_>#<9>8(#8A(A&:">DC&8<(>?(&CD9\$9+#"(\$&;&#&\$+, (98(+>>\$A98#<9>8(W9<,(:#\$9>@;(X\$#8<?@8A&(D\$>a&+<;(#8A(?#+"@<=(C&C\_&\$;(W9<,98(B,&(S&D#&\$<C&8<(>?(!,9"A(#8A(2#C9"=(5<@A9&;\*(B,&;&(\$&;&#&\$+, (98:&;<9X#<9>8;(>?>+@;<(>8<,&(A&:">DC&8<(#8A(+>CD"&<9>8(>?(&CD9\$9+#"(<@A9&;(\$&?"&+98X(O#&\$"=(38<&\$:&8<9>8'(QDD"9&(6&,#:9>\$(Q8#"=;9;'(789:&\$;#"(#8A(38A9:9A@#"9b&(G65(5@DD>\$<;'(GB \NB\$#8;9<9>8(<>( c >\$%'(2#C9"=(O8X#X&C&8<'(#8A(G>;9<9:&(6&,#:9>\$(5@DD>\$<'(#\$X&<98X(98A9:9A@#"(#8A(+&#;,\$>>C;(W9<,(+,#""&8X98X(\_&,#:9>\$;(98(<,>C&'(<+,>>"(#8A(+>CC@89<=(&8:9\$>8C&8<;\*(B,9;(D>;9<9>8("#>;>(&CD,#:9b&;<,&(A&:">DC&8<(>?(>\_&,\$&:#<9>8#"(A#<#(+>""&+<9>8(=<;<&C;<,&#<(\$&?"&+<(#8(&CD9\$9+#"(#8A(\$9X>\$>@;(?>@8A#<9>8(98(>\$A&\$(<(>A>+@C&8<(+&8<9?9+(>@<+>C&;(#8A(C&#;@&\$&;\*(B,&(\&;&#&\$+, (Q;,>+9#<(\$>"&(\$d@9\$&;(+&\$&#<98X(A#<#(+>""&+<9>8(=<;<&C;(W9<,(#(%8>W"&AX&\_#&(>?<,&(+@\$\$&8<#;,&;;&;C&8<;(#8A(A#&#(+>""&+<9>8(=<;<&C(<,&#<,&#:(D\$>:&8:(#'9A9<=(#8A(\$&"9#\_9'9<='(98<,&(\_&,#:9>\$#"(+&8+&;(#\$&8#&#!

---

), " \* \* , (% ) \$ , - , \$ \* # 1 ) \$ , - 0 ' ( - & 2 & . & % & , - !

(  
 G\$>X\$#CNW9A&(5@DD>\$<;(>?\$(G=\$#C9A( ) >A&"(3CD"&C&8<#<9>8(IG c 5NG ) 3K(2">\$9A#(!&8<&\$(>\$(38+"@;9:&(!>CC@89<9&;4(789:&\$;9<=( !&8<&\$(>\$(OU+&""&8+&(98(S&:">DC&8<#"S9;#\_9"9<9&;(OA@+&#<9>8H(!>#+, 4 \ &;&#&\$+, &\$(  
 (G\$>X\$#CN c 9A&(G>;9<9:&(6&,#:9>\$(5@DD>\$<;H(6&,#:9>\$(Q8#"=;<(  
 (Q6Q(R\$#A@#<&(G\$>X\$#CH(2#+@<="< ) &C\_&\$H((G\$#+<9+@C(5@D&\$:9;>\$'(B,&;9;(!>CC9<&&( ) &C\_&\$(  
 (38<&\$:&8<9>8(\&;&#&\$+, (#8A(B\$&8A;(G\$>X\$#C(I3 \ BGKH(G\$9C#\$(38:&;<9X#<9>\$(  
 !  
 # \* , 3 & ' ' - ) \$ , - , \$ \* # 1 ) \$ , - 0 ' ( - & 2 & . & % & , - !

---

(  
 ) eB3 f QBOS(I! "#"\$%&' " ")\*+( , \* - . \$ % ) \* / " 0 ) . ( I \* % 2 \* 3 % , 4 \$ + 5 6 7 + 0 " , \* 8 % ( 0 4 \$ ) + . % ( \* 4 0 . ( I \* 9 # . , " ( : " 6 ; + 0 " , \* - 5 + : . : " 0 \* 2 % 5 \* / " + : < " 5 0 \* % 2 \* = ) 4 , " ( ) 0 \* > . ) < \* 9 ' % ) . % ( + \$ \* ! . 0 ) 4 5 7 + ( : " ? @ \* 5 < @ A = ( ! > # + , ( ! >> \$ A 9 8 # < > \$ ( )  
 (7524! 6! 5(38<&\$9A;+9D"98#\$( !&8<&\$(>\$(O:#"@#<9>8(#8A(38<&\$:&8<9>8(I3! O3KH(6&,#:9>\$(Q8#"=;<(  
 (G\$&:&8<NB&#+, N \ &98?>\$+&NB\$#8;9<9>8(QX&(g>@<, H(QDD"9&( \ &;&#&\$+, &\$(  
 (789:&\$;9<(>? ( c # ; , 98X<9>8(1 &#A(5<#&\$(< ! >""#\_>#<9>8; &H( [ #<9>8#"(!&8<&\$(>\$( ] @#"9<=(B&#+, 98X(#8A(T&#898X(I [ ! ] BTKH( \ &+9D\$>+#"G&\$\$(!>#+, 98X(98(1 &#A(5<#&\$(< ! "#;,\$>>CH(QG9"><(5<@A=#(G\$98+9D#"38:&;<9X#<9>\$(  
 (OU#C9898X<,&(G><&8<9#"O?9+#+=<?>#(!"#;,\$>>C( c 9A&(38<&\$:&8<9>8(>?\$(G\$>C><98X(5>+9#"(  
 (

B&+, 89+#"(Q; ;9;<#8+&( ! &8<&\$(>8(5>+9#"(OC>9>8#"(38<&\$: &8<9>8(?>\$ (g>@8X( ! , 9"A\$&8H(
\ &;&#\$+, &\$ (S#<#(Q8#"=;<\*((
(
G>;9<: &(2#C9"=(38<&\$: &8<9>8(G\$>a&+H( \ &;&#\$+, (!>8;@<#8<'(G#\$&8<( !>#+, (
(
S9:9;9>8(>?(QDD"9&A( \ &;&#\$+, (#8A(OA@+#+>8#"(5@DD>\$<H(6&, #:9>\$#"(!>8;@<#8<((
(
((

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

(
) #;<&\$i;(B, &;9;(!>CC9<&&( ) &C\_&\$i(2#+@<=<, &;9;(+>CC9<&&(C&C\_&\$(>\$(#(8@C\_&\$(>?(
;<@A&8<;(D@\$;@98X( ) #;<&\$i;(A&X\$&&(W9<, 98<, &(QDD"9&A(6&, #:9>\$ (Q8#"=;9;(R\$#A@#<&(G\$>X\$#C'(
!>"&X&(>?(6&, #:9>\$#"(#8A( !>CC@89<=(5+9&8+&;'(789: &\$;9<=>?(5>@<, (2">\$9A#'(B#CD#'(2T\*(
B>D9+;H(598X"&N5@\_a&+<( \ &;&#\$+, (98(QDD"9&A(5&<<98X;'(O#"\$=( ! , 9"A, >>A(38<&\$: &8<9>8;(98(
! "#; ;\$>>C(5&<<98X;'(5>+9#"(5%9""); (B\$#9898X(?>\$ ( ! , 9"A\$&8(W9<, (Q@<9; C'(- . . FND\$&;&8<\*(
(
38<&\$A9;+9D"98#\$=(B\$#98&&( ) &8<>\$; , 9Di( \ &;D>8;9\_9"9<9&;(98+"@A&(D\$>: 9A98X(X\$#A@#<&(8A(
A>+<>\$#"(;<@A&8<;(98<, &(QDD"9&A(6&, #:9>\$ (Q8#"=;9;(#A: #8+&A(A&X\$&&(D\$>X\$#C(#8<>DD>\$<@89<=(
<>(X#98(\_< , (+>989+#"(#8A(\$&;&#\$+, (&UD&\$9&8+&;<;<, \$>@X, (<, &9\$(W>\$%(W9<, 98(B, &(2">\$9A#( ! &8<&\$(\$
?>\$ (38+"@<;9: &(!>CC@89<9&;(#8A<, &(38<&\$: &8<9>8(#8A(B\$&8A; (38<&\$: &8<9>8(G\$>a&+<\*(( ) &8<>98X(
W#;(D\$>: 9A&A(<>(<@A&8<;(#8A(+>"#\_>\$#<9>8(W9<, (D\$>?&;;9>8#";(W#;(D\$>C>&A(#+&\$; ;(+>8<&U<;(
#8A(&8: 9\$>8C&8<;'(#8A(<>(#; ;9;<(98<, &(A&: &">DC&8<<?&(8&W(989<9#<9: &;<(<, &"D(\_&<<&\$(\$; &(\$
?#C9"9&;\*( ! @\$\$&8<"=(<W>(A>+<>\$#"(;<@A&8<;(#8A(Q6Q(?#+@<=(C&C\_&\$;(#\$&<(&#C98X(#8A(
"&\$898X<, &(D\$>+&;; (?>\$(>CD"&98X(<\$8A(#8#"=; &;(98(98<&\$: &8<9>8(\$&;&#\$+, (?>\$ (C#8@; +9D<(
A&: &">DC&8<(#8A(D@\_ "9+#+>8;(#; (W&"#; ("9<&\$#<@&\$(\$&: 9&W; (?>\$<, &;9; (A&: &">DC&8<(#8A(
A9; ;&\$<#<9>8(\$&?&\$&8+&;\*((
(
G\$#+<9+@C(5@D&\$: 9; >\$ (6 ! 6Qi(2>">W98X<, &(X@9A&"98&;(>?(<, &(6&, #:9>\$ (Q8#"=;9; (
! &\$<9?9+#+>8(6>#\$A(I6Q ! 6K(?>\$ (;@D&\$: 9;9>8'(\$&;D>8;9\_9"9<9&;(98+"@A&A(A&;9X898X(#"&#898X(
D\$>X\$#C(<>?9<<, &(" &: &">?&UD&\$9&8+&;<?< , &(;<@A&8<'(W, 9"&(98+>\$D>\$#<98X<, &(;<@A&8<#; (
D&\$;>8#"(#8A(D\$>?&;;9>8#"X>#";\*(6#; &A(>8\_&;<(D\$##+<9+&;'(<, &(;<@A&8<'&#8&A(#\_>@<<, &=>\$='(
#8A(D\$##+<9+&(98(#8#<@#\$"(D\$&N; +, >>")(+>8<&U<'(#8A(&: &8<@#""=(W#;(#\_&(<>(A&C>8; <\$#<<(<, &9\$(
;%9""); (98A&D&8A&8<"=\*((
(
38: 9<&A(R@&;<(T&+<@&\$&\$'(789: &\$;9<=>?(5>@<, (2">\$9A#i( !>8A@+<&A(W9<, 98(\$&;&#\$+, (;&C98#\$(#<(
752(#+&\$>; ;(C@<"9D"&(D\$>X\$#C; (IS>+<>\$#"(#8A( ) #;<&\$; ("&: &"Ki(S&D#\$<C&8<<?&(G; +=, >)">X='(
S&D#\$<C&8<<?&(5D&+9#" (OA@+#+>8'(S9: 9;9>8(>?(QDD"9&A( \ &;&#\$+, (#8A(OA@+#+>8#"(5@DD>\$<(

(  
 j &\$8NS@8"#D'(T\*(S@8"#D'(R\*(!"#\$%&'5\*(!,9"A;'(j\*(c,9<&'(\\*(#8A(5<&W#\$( )\*(IOLL-K\*(  
 O??&+<;(>?#(:9A<>#D&(??&A\_#+%#(D#+%#X&(>8<,&(D&&\$(98<&\$#+<9>8;(>?(+,9"A\$&8(W9<,(;&\$9>@;(   
 \_&,#:9>\$#"#8A(&C>9>8#"(+,#""&8X&\*(A%45(+\$\$%2\*B&&\$."\*,\*;"<+#.%5\*B(+ \$C0.00\*EG'(EkkNEF/\*(  
 (  
 S@8"#D'(R\*(j &\$8'(T\*(A&G&\$+b&"" )\*(!"#\$%&'5\*(c 9";>8'(S\*(!,9"A;'(j\*(c,9<&'(\\*(2#"%'(R\*(  
 IOLLEK\*(2@8+<9>8#"#8#"=;9;(>?+"#;;\$>>C(:#9#\_&;(?>\$(<@A&8<;(W9<,(&C>9>8#"#8A(  
 \_&,#:9>\$#"A9;>\$A&\$;\*;"<+#.%5+\$\*!.0%5,"500\*HI'(-MkN-LO\*(  
 (  
 j &\$8'(T\*(!,9"A;'(j\*(S@8"#D'(R\*(!"#\$%&'5\*(2#"%'(R\*(IOLL/K\*(7;98X(#;;&;;C&8<\_#;&A(  
 +@\$9+@"#\$(98<&\$:&8<9>8(<9CD\$>:&<,&(+"#;;\$>>C\_&,#:9>\$(>?#(<@A&8<(W9<,(&C>9>8#"#8A(  
 \_&,#:9>\$#"(+,#""&8X&\*(A%45(+\$\$%2\*B&&\$."\*,\*;"<+#.%5\*B(+ \$C0.00\*EJ'(MNOL\*(  
 (  
 S@8"#D'(R\*(A&G&\$+b&"" )\*(!"#\$%&'5\*(c 9";>8'(S\*(c \$9X,<'5\*(c,9<&'(\\*(#8A(R>C&b'(Q\*(  
 IOLL/K\*(!,>9+&(C#%98X(<9(D\$>C>&(#A#D<9:&\_&,#:9>\$(>?#(<@A&8<;(W9<,(&C>9>8#"#8A(  
 \_&,#:9>\$#"(+,#""&8X&\*(A%45(+\$\$%2\*B&&\$."\*,\*;"<+#.%5\*B(+ \$C0.00\*EJ'(k.kN

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

(  
S@8"#D'(R\*(!"#\$%&'(5\*(1(5<98&\$\$( ) \*(IOLLLK\*(38<&\$ : &8<9>8(\$& ; &# \$ + , (98( \_ & , # : 9>\$#"(#8A(  
A& : &">DC&8<#" (A9 ; # \_9"9<9& ; H(Q(A& ; + \$9D<9 : & (#8#" = ; 9 ; (> ? (# \$ <9 + " & ; (98(O . (a@ \$8#" ; \_ & <W&&8(OLJ . (#8A(  
OLLM\*(A%45 (+ \$%2\* - %0 . ) . # " \* ; " < + # . %5\*Q ( ) "5#" ( ) . % ( 00\*H'(OM . NOJ . \*(

(  
!"#\$%&'(5\*(S@8"#D'(R\*(1( f # @ X , 8 '(6\*(IOLLLK\*(2#C9" = N + &8<&\$&A'(# ; ; ; ; C&8<N\_# ; &A(  
98<&\$ : &8<9>8 (> (9CD\$> : & ( \_ & , # : 9>\$ (A@ \$98X(#8(&# \$" = (C>\$898X(\$>@<98&\*(A%45 (+ \$%2\* - %0 . ) . # " \*  
; " < + # . %5\*Q ( ) "5#" ( ) . % ( 00\*F'(-EkN- /0\*(

(  
S=C>8A'(5\*(!"#\$%&'(5\*(S@8"#D'(R\*(1(5<98&\$\$( ) \*(I- . . . K\*(38<&\$8#<9>8#" (D@ \_ "9+ # <9>8 (<\$&8A ; (> ? (  
VQ6Q(#@< , > \$ ; 9D\*(A%45 (+ \$%2\*B&&\$ . " , \* ; " < + # . %5\*B (+ \$C0.00\*PP'(EELNE/ - \*(

(  
O\$:98'(\\*(Q\*(j & \$8'(T\*(!"#\$%&'(5\*(S@G#@'"(R\*V\*(S@8"#D'(R\*(1(2\$9C#8'(G\* ! (I- . . . K\*(  
O : # "@#98X(# ; ; & ; ; C&8<N\_# ; &A(98<&\$ : &8<9>8 (<\$#<&X9& ; (?>\$ ; <@A&8< ; (W9< , (QS 1 S (#8A(+>(C>\$\_9A(  
W9< , 98 (< , & (8#<@ \$#" (+ "# ; \$>>C(+>8<U\*( ; " < + # . %5+ \$ ! .0%5 , "500\*EG'(E / /NEkJ\*(

(  
j & \$8'(T\*(S & "#8='(R\*(!"#\$%&'(5\*(S@8"#D'(R\*(1( ! , 9'A ; 'j \*O\*(I- . . . 0K\*(3CD\$> : 98X (< , & ( \_ & , # : 9>\$ (  
> ? (<@A&8< ; (W9< , (&C>9>8#" (#8A( \_ & , # : 9>\$#" (A9 ; >\$A&\$ ; (@ ; 98X(98A9 : 9A@#"9b&A(+@ \$9+@#"#\$(  
C>A9?9+ # <9>8 ; \*(A%45 (+ \$%2\*9 ' % ) . % (+ \$ + ( , \* ; " < + # . %5+ \$ ! .0%5 , "500\*ER'(-ELN- /M\*(

(  
!"#\$%&'(5\*( c >\$+& ; <&\$'( c \*(S@8"#D'(R\*( ) @ \$ \$ # = ' ( ) \*(1(6#\$A"&=N j "@X'(j \*(I- . . . -K\*(7 ; 98X(  
C@ " <9D"&(C&# ; @ \$ & ; (< (& : # " @ # & (D> ; 9<9 : & ( \_ & , # : 9>\$ ; @DD>\$<H(Q(+ # ; & (&U#CD"&\*(A%45 (+ \$%2\* - %0 . ) . # " \*  
; " < + # . %5\*Q ( ) "5#" ( ) . % ( 00\*P'(OEONO/k\*(

(  
) @ \$ \$ # = ' ( ) \*(!"#\$%&'(5\*(1( c >\$+& ; <&\$'(V\*(I- . . . -K\*(Q(<&# + , & \$ h ; (D&\$ ; D&+<9 : & (> ? (@ ; 98X (< , & (D\$>+& ; ; (  
> ? (D> ; 9<9 : & ( \_ & , # : 9>\$ ; @DD>\$<(98(#(+ "# ; \$>>C (< ; @DD>\$<(#=>@8X(X9\$(W9< , (C@ " <9D"&(A9 ; # \_9"9<9& ; \*(  
A%45 (+ \$%2\* - %0 . ) . # " \* ; " < + # . %5\*Q ( ) "5#" ( ) . % ( 00\*P'(OJLNOL- \*(

(  
!"#\$%&'(5\*(S@8"#D'(R\*(1(5<\$9+ , <&\$'(V\*G\*(I- . . . -K\*(Q(A& ; + \$9D<9 : & (#8#" = ; 9 ; (> ? (98<&\$ : &8<9>8(  
\$& ; &# \$ + , (98(&C>9>8#" (#8A( \_ & , # : 9>\$#" (A9 ; >\$A&\$ ; (?>C(OLJ . NOLL\*( ; " < + # . %5\* 3 % , .2 . : + ) . % (D\*G'(  
FKLN(FJE\*(

(  
S@A#'( ) \*(S@8"#D'(R\*(2>U'(T\*(T&8<989'(\\*(1( ! " # \$ % & ' ( 5 \* ( I - . . . /K\*(Q8(&UD&\$9C&8<#" (& : # "@#<9>8(  
> ? (D> ; 9<9 : & ( \_ & , # : 9>\$ ; @DD>\$<(98(#(+>C C@89<=(D\$& ; + , >>"(D\$>X\$#C\*( / % & . : 0% (\*9+5\$C\*8< . \$ , < % % , \*  
= & " : . + \$ \* 9 , 4 : + ) . % (D\*P'(O/ENOkk\*(

(  
5<\$9+ , <&\$'(V\*G\*(!"#\$%&'(5\*(1(S@8"#D'(R\*(I- . . . /K\*(Q8(#8#" = ; 9 ; (> ? (<\$&8A ; (\$&X#\$A98X(D\$># + <9 : & (#8A(  
& + > " >X9+ #" = ( : # "9A(98<&\$ : &8<9>8 ; (98(#DD"9&A(\$& ; &# \$ + , \*(9 , 4 : + ) . % (\* + ( , \* / 5 " + ) ' ' ( ) %2\*8< . \$ , 5 " (D\*E'(  
JFNO . / \*(

(  
6@ ; + , \_ # + , &\$'(G\*(2>U'(T\*(1( ! " # \$ % & ' ( 5 \* ( I - . . . /K\*( \ & + # D<@ \$98X(A& ; 9\$&A(?#C9" = (\$>@<98& ; H(Q(D#&\$&8<N(  
D\$>?& ; ; 9>8#" ( \_ & , # : 9>\$#" (+> " # \_>\$#<9>8\*(S"0"+5 : <\*+ ( , \* - 5 + : ) . : " \*2%5\* - "50%(0\*> . ) <\* = " # "5" \*  
! .0+7. \$. ) . "00\*H'(-kNEL\*(

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

!>8\$>='( ) \*Q\*(S@8"#D'(R\*(!"#\$%&'(5\*(1(Q"&\$'(G\*(I-. . kK\*(Q(A&;+\$9D<9: &(#8#"=;9;>?(<\_&, #:9>\$#"98<&\$: &8<9>8(\$&;&#\$\$+, (W9<, (=>@8X(+, 9"A\$&8(W9<, (+, #""&8X98X(\_&, #:9>\$\*( /%&. :0\*. (\*9+5\$C\*8<.\$, <%%, \*=&" :.+ \$\*9, 4: +).%( D\*EG'(OkMNOFF\*(  
(  
j &\$8(T\*(1(!"#\$%&'(5(I-. . kK\*(Q8<&+&A&8<(#8A(5&<<98X(O: &8<(38<&\$#+<9>8;\*(38(T\*(6#C\_&\$#(1(T\*(j &\$8(IOA;\*K'(Q(, .#, 4+\$T", \*=4&&%5)0\*2%5\*=)4, "( )0\*>.)<\*- 5%7\$" ' \*; "<+#.%50@\*! "0.1(. ( I\*-%0.).#""; "<+#.%5\*- \$+( 06Q(U(I-. ON-EFK\*(g>\$%'GQH(R@9"?>\$A(G@\_"9+#9>8;\*(  
(  
2>U'(T\*(1(!"#\$%&'(5\*(I-. . FK\*(QXX\$&;;9>8m(7;98X(G>;9<9: &(6&, #:9>\$ (5@DD>\$(<<(QAAS&;;( !, #""&8X98X(6&, #:9>\$\*(V%4( I\*9W: "&).%( +\$\*8<.\$, 5"(\* 3 % ( %15+&<\*= "5. "0I'(/ -NkF\*(  
(  
S@A#'( ) \*(Q\*(!"#\$%&'(5\*(2>U'(T\*(1(S@8"#D'(R\*(I-. . JK\*(3CD"&C&8<#<9>8(>?(D>;9<9: &(\_&, #:9>\$(<@DD>\$<(W9<, (#;9\_"98X(;&<(98(#(, >C&(&8:9\$>8C&8<(A%45( +\$%2\*9+5\$C\*Q( )"5#"( ).%( D\*PN'(-OEN-EF\*(  
(  
!"#\$%&'(5\*(1(S@8"#D'(R\*(I-. . JK\*(Q(A&;+\$9D<9: &(#8#"=;9;>?(98<&\$: &8<9>8(\$&;&#\$\$+, (D@\_"9: , &A(98<, &(V>@\$8#"(>?(G>;9<9: &(6&, #:9>\$ (38<&\$: &8<9>8;H(OLLLN-. . k\*(A%45( +\$%2\* -%0.).#""; "<+#.%5\*



j &\$8NS@8"#D'(T\*( ! "#\$%&'(5\*(#8A(S@8"#D'(R\*(38+\$&#;98X(<,&(qC&#898X?@"8&;;q(98(+@\$9+@"@C(
+>8&&8<(>(\$&A@+&(D\$>\_"&C(\_&,#:9>\$;98(#;&:&\$&="( &C><9>8#"=(A9;<@\$\_&A;<@A&8<\*(G>;<&\$
D\$&;&8&A#(<,&(0.<,&#88@#"C&&98X(>?(<,&(2">\$9A#(Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'
e\$"#8A>'(2">\$9A#'(5&D&C\_&\$'(OLL.\*
(

\>\_\_98;'(2\*(S@8"#D'(R\*(S@8"#D'(T\*(#8A( ! "#\$%&'(5\*(2@8+<9>8#"(#;,&;;C&8<(#8A(+@\$9+@"@C(
&\$&A&;9X8H(Q(C>A&"(?>\$(\$&A@+98X(&:&:&\$&(\_&,#:9>\$ (D\$>\_"&C;\* (5=CD>;9@C(D\$&;&8&A#(<,&(0.<,&
#88@#"C&&98X(>?(<,&(2">\$9A#(Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'(e\$"#8A>'(2">\$9A#'(
5&D&C\_&\$'(OLL.\*
(

j &\$8NS@8"#D'(T\*(S@8"#D'(R\*(#8A( ! "#\$%&'(5\*(7;98X(<@A&8<(#;9;<#8+&(<(>+8A@+(<?@8+<9>8#"
(#;,&;;C&8<\*(G>;<&\$ (D\$&;&8&A#(<,&(0M<,&#88@#"(>+8:&8<9>8(>?(<,&(Q;;>+9#<9>8(?>\$
(6&,#:9>\$#'(Q8#"=;9;'(Q<"#8<#'(R&>\$X9#'( ) #='(OLLO\*(
(

j &\$8'(T\*( ! ,9"A;'(j\*( ! "#\$%&'(5\*(#8A(S@8"#D'(R\*(B,&@(&(>?(<@A&8<(#;9;<#8+&(<(>+8A@+(<
?@8+<9>8#"(#;,&;;C&8<98(+;>>"(<&<98X;\*(G#D&\$ (D\$&;&8&A#(<,&(0J<,&#88@#"(>+8:&8<9>8(>?
(<,&(Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'( ! ,9+X>'(3""98>9;'( ) #='(OLL-\*(
(

j &\$8NS@8"#D'(T\*(A&G&\$+b&"" ) \*(S@8"#D'(R\*( ! ,9"A;'(j\*( ! "#\$%&'(5\*(1(2#"%'(R\*(S&:&'>D98X(
?@8+<9>8#"(#;,&;;C&8<N\_#;&A(98<&\$:&8<9>8;(?>\$ (+,9"A&\$&8(W9<,&:&:&\$&(&C><9>8#"A9;<@\$\_#8+&\*(
G#D&\$ (D\$&;&8&A#;(D#&\$(>?(<,&(=CD>;9@C\*(7;&(>?@8+<9>8#"(#;,&;;C&8<(<@D\$>C><&
+@\$9+@"@C(+,#8X&\*(G\$&;&8&A#(<,&(Q88@#"(!>8?&\$&8+&(>?(<,&(Q;;>+9#<9>8(?>\$ (6&,#:9>\$
(Q8#"=;9;\*(5#8(2\$#8+9;+>'(!Q'( ) #='(OLL-\*(
(

! ,9"A;'(j\*(j &\$8NS@8"#D'(T\*( ! "#\$%&'(5\*(1(2#"%'(R\*(S&:&'>D98X(#;,&;;C&8<N\_#;&A(
98<&\$:&8<9>8;(?>\$(<@A&8< (W9<,\_&,#:9>\$#'( #8A(&C><9>8#"(+,#""&8X&\*(G#D&\$ (D\$&;&8&A#;(D#&\$
(>?(<,&(=CD>;9@CH(G>;9<9:&(\_&,#:9>\$#'( ;@DD>\$(<?>\$(<@A&8< (W9<,&:&:&\$&(&C><9>8#"#8A(
6&,#:9>\$#'( +,#""&8X&\*(G\$&;&8&A#(<,&(Q88@#"(!>8?&\$&8+&(>?(<,&(2">\$9A#(
Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'(e\$"#8A>'(2">\$9A#'(5&D&C\_&\$'(OLL-\*(
(

!"#\$%&'(5\*( c 9;">8'(S\*( c ,9&'\\*(j &\$8NS@8"#D'(T\*( ! ,9"A;'(j\*(2#"%'(R\*(1(S>C989+%'(f\*(
2@8+<9>8#"(#;,&;;C&8<(#8A(?@8+<9>8#"#8#"=;9;(W9<,98<,&(+;>>"(&8:9\$>8C&8<\*(G#D&\$
(D\$&;&8&A#;(D#&\$(>?(<,&(=CD>;9@CH(G>;9<9:&(\_&,#:9>\$#'( ;@DD>\$(<?>\$(<@A&8< (W9<,&:&:&\$&
&C><9>8#"#8A(\_&,#:9>\$#'( +,#""&8X&\*(G\$&;&8&A#(<,&(Q88@#"(!>8?&\$&8+&(>?(<,&((
2">\$9A#(Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'(e\$"#8A>'(2">\$9A#'(5&D&C\_&\$'(OLL-\*(
(

S@8"#D'(R\*( ! ,9"A;'(j\*( ! "#\$%&'(5\*(1>>:&\$'(S\*(G9<<C#8'(6\*(#8A(\ &D%#='(!\*(3CD#+<98X(
D\$>\_"&C(\_&,#:9>\$(<,\$>@X,(#(<:&\$#&X=<?>(98A9:9A@#"#;,&;;C&8<\*(G#8&"(D\$&;&8&A#(<,&(Q88@#"
(!>8?&\$&8+&(>?(<,&(2">\$9A#(2&A&\$#<9>8(>?(<,&( ! >@8+9'(?>\$ (OU+&D<9>8#"(! ,9"A&\$&8'(e\$"#8A>'
(2">\$9A#'(e+<>\_&\$'(OLL-\*(
(

!"#\$%&'(5\*( c 9X,<'(5\*(#8A(S@8"#D'(R\*(#8A(A&G&\$+b&"" ) \*(7;98X(C&#898X?@"(+@\$9+@"#(<(>
98+\$&#;&(<#;%(8X#X&C&8<(#8A(A&+\$&#;& (A);\$@D<9:&(\_&,#:9>\$(>?#(+,9"A(+>8;9A&\$&A(
q&C><9>8#"=( ,#8A9+#DD&Aq\*(G#D&\$ (D\$&;&8&A#(<,&(0E<,&(Q88@#" ) &&<98X(>?(<,&(2">\$9A#(
Q;;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#"=;9;'(2>\$<(T#&A&\$A#"&'(2">\$9A#'(5&D&C\_&\$'(OLLE\*(
(



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

S@8"#D'(R\*( c 9";>8'(S\*(!"#\$%&'(5\*(A&G&\$+b&"" ) \*( c ,9<&'(\ \*(1( c \$9X,<'(5\*( ) #8#X98X(  
+,#"&8X98X(\_&, #: 9>\$;(\_=(9CD"&C&8<98X(D>;9<9: &'(+@\$9+@"@CN\_#;&A(98<&\$: &8<9>8;\*(G\$&;&8<&A(  
#<(<, &(Q88@#'( !>8: &8<9>8(>?<(<, &(2">\$9A#(2&A&\$#<9>8(>?<(<, &( !>@8+9"(>\$(OU+&D<9>8#'( ! ,9"A\$&8(  
!>8?&\$&8+&'( ) 9#C9'(2">\$9A#'(e +<>\_&'(OLLE\*(

(  
!"#\$%&'(5\*(A&G&\$+b&"" ) \*(S@8"#D'(R\*( ! ,9"A;'(j \*(3CD\$>:98X(<, &(\_&, #: 9>\$(>?<(<@A&8<;(W9<,(  
&C>9>8#'( #8A(\_&, #: 9>\$#"A9;>\$A&\$;<(<, \$>@X, (<, &(@;&(>?(98A9:9A@#"9b&A(+@\$9+@"#\$A#D<#<9>8;\*(  
G\$&;&8<&A#(<(<, &(BW&8<9&&(<, (Q88@#'( !>8: &8<9>8(>?<(<, &(Q; ;>+9#<9>8(>?<(\$6&, #: 9>\$Q8#"=;9;'(  
Q<"#8<#'(R&>\$X9#'( ) #='(OLL/\*(  
(

!"#\$%&'(5\*( ! ,9"A;'(j 9+:9>\$3.2(TT2 1 8D(< ) 0.2(, \$>@X, (< ) 0.; ) -00.2(+ ) ; ) -0000.241 .24U, \$>DAq0.2(, @





#8A(<, &9\$(2#C9'9&:\*<G>;<&\$<D\$&&;&8<&A#(<(<, &(- . . F( !>8?&\$&8+&(>8(\ &;&# \$+, (388>: #<9>8;(98(O# \$"=(  
38<&\$: &8<9>8(I ! \ 3O3K'(5#8(S9&X>'( ! # '9?>\$89#'(2&\_ \$@# \$='(- . . F\*(  
(  
S@A#'( ) \*(S@+, >8W; %9'(Q\*( 1 ( ! "#\$%&'(5\*(B\$&&#<C&8<98<&X\$9<=(W9<, 98(#DD"9&A(\$&;&# \$+, (;&<98X;\*(  
5=CD>;9@C(D\$&&;&8<&A#(<(<, &(E\$A(38<&\$8#<9>8#"( !>8?&\$&8+&(>8(G>;9:9: &(6&, #:9>\$ (5@DD>\$<'(  
\ &8>'( [ &: #A#'( ) # \$+, '(- . . F\*(  
(  
!"#\$%&'(5\*(S@A#'( ) \*( 1 (2>U'(T\*(G>;9:9: &(\_&, #:9>\$ (;@DD>\$<(?>\$<AA"&\$; (W9<, (+, #" "&8X98X(  
\_&, #:9>\$ (98<=<D9+##"\$>@<98&;\*(5=CD>;9@C(D\$&&;&8<&A#(<(<, &(E\$A(38<&\$8#<9>8#"( !>8?&\$&8+&(>8(  
G>;9:9: &(6&, #:9>\$ (5@DD>\$<'(\ &8>'( [ &: #A#'( ) # \$+, '(- . . F\*(  
(  
S@A#'( ) \*( ! "#\$%&'(5\*( 1 (S@8"#D'(R\*(OUD#8A98X(<, &(7 ;&(>?(2@8+<9>8#"(Q; ;&; ; C&8<H(B, \$&&( ! # ;&(  
OU#CD"&;>?((O??&+<9: &(6&, #:9>\$ (5@DD>\$<(G"#8; (W9<, ( ! , 9"A\$&&8(7 8A&\$&(B, \$&&'(S @98X(B=D9+##"  
1>C&(\ >@<98&;\*(5=CD>;9@C(D\$&&;&8<&A#(<(<, &(E-8A(Q88@#"( !>8: &8<9>8(>?<(<, &(Q; ;>+9#<9>8(?>\$(  
6&, #:9>\$ (Q8#"=;9;'(Q<"#8#'(R&>\$X9#'( ) # ='(- . . F\*(  
(  
!"#\$%&'(5\*( 1 (2>U'(T\*(O# \$"=(38<&\$: &8<9>8(G>;9:9: &(6&, #:9>\$ (5@DD>\$<H(3""@; <\$#<98X( ! # ;&(5<@A9&;(  
W9<, (1>C&(#8A(G\$&;+ , >>)"(O8: 9\$>8C&8<;\*(G\$&&;&8<&A#(<(<, &(S9: 9;9>8(>?(QDD"9&A(\ &;&# \$+, (#8A(  
OA@+##<9>8#"(5@DD>\$<(5<C98#\$(5&\$9&;'(B#CD#'(2">\$9A#'(e +<@\_&\$'(- . . F\*(  
(  
!"#\$%&'(5\*( 1 (S@A#'( ) \*(O: # @#<98X(<, &(7 <9"9<=<?&(#<T>8X9<@A98#"( !>CD\$&, &8;9: &(6&, #:9>\$(  
5@DD>\$<(G"#8H(Q8(3""@; <\$#<9: &( ! # ;&(OU#CD"&\*(G>;<&\$<D\$&&;&8<&A#(<(<, &(O . <, (38<&\$8#<9>8#"  
!>8?&\$&8+&(>8( !>X89<9: &(S9; #\_9"9&4 ) &8<#"( \ &#A#<9>8'(Q@<9; C'( 1 (e<, &\$&(S&: & ">DC&8<#"  
S9; #\_9"9&4; H(\ &;&# \$+, (<@<G\$#<9>+&'(j >8#'( 1 #W#99'(2&\_ \$@# \$='(- . . M\*(  
(  
!"#\$%&'(5\*( 1 (S@A#'( ) \*(O: # @#<98X(<, &(7 <9"9<=<?&(#<T>8X9<@A98#"( !>CD\$&, &8;9: &(6&, #:9>\$(  
5@DD>\$<(G"#8H(Q8(3""@; <\$#<9: &( ! # ;&(OU#CD"&\*(G>;<&\$<D\$&&;&8<&A#(<(<, &(Q; ;>+9#<9>8(?>\$ (6&, #:9>\$(  
Q8#"=;9; (38<&\$8#<9>8#"( !>8?&\$&8+&(G\$>X\$&; ;(#8A( ! , #" "&8X&;(98<, &(6&, #:9>\$#"(B\$&&#<C&8<(>?(  
Q@<9; C'(6>;<9>8'( ) # ; ; # + , @ ; &<< ; '(2&\_ \$@# \$='(- . . M\*(  
(  
!"#\$%&'(5\*(S@8"#D'(R\*( ! \$>; "#8A'(j \*( 1 ( [ &??'(6\*(Q8(Q8#"=;9; (>?(\ &D>\$<&A(S9; <#"(S#<#(  
!>"&+<9>8( ) &<, >A; (7 <9"9b&A(38(38<&\$: &8<9>8(\ &;&# \$+, (5<@A9&;\*(G>;<&\$<D\$&&;&8<&A#(<(<, &(/< , (  
38<&\$8#<9>8#"(Q; ;>+9#<9>8(?>\$ (G>;9:9: &(6&, #:9>\$ (5@DD>\$<( !>8?&\$&8+&'(6>;<9>8'( ) # ; ; # + , @ ; &<< ; '(  
) # \$+, '(- . . M\*(  
(  
!"#\$%&'(5\*(S@A#'( ) \*(^6>=; (W9""(\_&(\_>=; m( c , #<9; < , &(\$&#"(D@\$D>;&(>?(D\$>\_ "&C(\_&, #:9>\$ (#8A(  
, >W(<@<X&<(\$9A(>?<9` (G\$&&;&8<&A#(<(<, &(FO; <(Q88@#'(2">\$9A#( !>@8+9'(?>\$ (OU+&D<9>8#"( ! , 9"A\$&&8(  
!>8?&\$&8+&'(2>\$<(T#@A&\$A# '&'(2">\$9A#'(e +<@\_&\$'(- . . M\*(  
(  
19&8&C#8'( ) \*( 1 ( ! "#\$%&'(5\*(G\$>\_ "&C(;>: 98X(<@#AA\$&; ; (A9??9+@<(\_&, #:9>\$\*(G>;9:9: &(2#C9)"=(  
38<&\$: &8<9>8(#8A(3CD"&C&8<#<9>8(G\$>a&+\*(G\$&&;&8<#<9>8#<(B, &( [ >\$<, ;9A&( ) &8<#"( 1 &# "<, (  
!&8<&\$ (?>\$ ">+##"(2QQ5B(<&#<C(#8A(D#&\$&8<"9#9; >8; '(B#CD#'(2">\$9A#'(QD\$9)"(- . . J\*(  
(  
!"#\$%&'(5\*(O: # @#<98X(<, &(7 <9"9<=<?&(#<T>8X9<@A98#"( !>CD\$&, &8;9: &(6&, #:9>\$ (5@DD>\$<(G"#8H(  
Q8(3""@; <\$#<9: &( ! # ;&(OU#CD"&\*(G>;<&\$<D\$&&;&8<&A#(<(<, &(Q; ;>+9#<9>8(?>\$ (6&, #:9>\$ (Q8#"=;9;(

38<&\$8#<9>8#"(!>8?&\$&8+&(G\$>X\$&;;(8A(!,#"&8X&;(98(<,&(6&,#:9>\$#"B\$&#<C&8<>?(Q@<9;C'(\&;<9' f 9\$X989#'(5&D&C\_&\$'(-..J\*(

(

!"#\$%&'5\*(O:##@#98X(<,&(7<9'9<=>?(#T>8X9<@A98#"(!>CD\$&,&8;9:&(6&,#:9>\$5@DD>\$<(G"#8H(Q8(3""@;<\$#<9:&( ! #;&(OU#CD"&\*(G>;<&\$D\$&;&8<&A#(<,&(2">\$9A#(Q; ;>+9#<9>8(?>\$6&,#:9>\$<(Q8#=";9;(38<&\$8#<9>8#"OA@+#<9>8#"(!>8?&\$&8+&'(6>89<#(5D\$98X;'2">\$9A#'(5&D&C\_&\$'(-..J\*(

(

!"#\$%&'5\*(QDD"9&A(6&,#:9>\$<(Q8#=";9;4G>;9<9:&(6&,#:9>\$<(5@DD>\$<(38(O#="\$<(38<&\$&:#&8<9>8\*(R@&;<(T&+<@&\$&'(QDD"9&A(6&,#:9>\$<(Q8#=";9;() #;<&\$i;(T&:&'(!"#; ;'(789:&\$;9<=>?(5>@<,(2">\$9A#(!>8A@+<98X(QDD"9&A(\&;&# \$+, (98(!>CD"&U(O8:9\$>8C&8#"( !>8<&U<;'() # \$+, '(-..L\*(

(

!"#\$%&'5\*(1(698A&\$'(S\*(!\$&#<98X(#6&,#:9>\$<(G"#8H(S&:&">D98X(#8A(3CD"&C&8<98X(!>CD\$&,&8;9:&(6&,#:9>\$<(5@DD>\$<(G"#8; (?>\$(!,9"A\$&8(W9<,(G&\$;9;<&8<(!,#"&8X98X(6&,#:9>\$<(G#\$<(33\*(38:9<&A(G\$&;&8<&\$\*( c >\$%; ,>D(D\$&;&8<&A#(<,&( [ #<9>8#"B\$#9898X(38;<9<@&(<8(O??&+<9:&(G\$#<9+&;H(5@DD>\$<98X(g>@8X(!,9"A\$&8i;(5>+9#"OC>9>8#"(S&:&">DC&8<'(!"#&\$W#&#&'(2">\$9A#( ) # \$+, '(-..L\*(

(

!"#\$%&'5\*(1(S@A#'( ) \*(O:##@#98X(<,&(7<9'9<=>?(#T>8X9<@A98#"(!>CD\$&,&8;9:&(6&,#:9>\$<(G"#8;H(Q8(3""@;<\$#<9:&( ! #;&(OU#CD"&\*(G>;<&\$D\$&;&8<&A#(<,&(F<,(Q88@#"38<&\$8#<9>8#"(!>8?&\$&8+&(>8(G>;9<9:&(6&,#:9>\$<(5@DD>\$<(V#+% ;>8:9""&'(2">\$9A#'( ) # \$+, '(-..L\*(

(

19&8&C#8'( ) \*(j 8#DDN38&;'j '( ) 9"8&;'5\*(!"#\$%&'5\*(1(!#;D&\$'(T\*( c ,&8(B,>@X,<;(R&<(98<,&( c #=#(!>C\_9898X(G65#8A(eD<9C9;C(B\$#9898X\*( c >\$%; ,>D(D\$&;&8<&A#(<,&(F<,(Q88@#"38<&\$8#<9>8#"(!>8?&\$&8+&(>8(G>;9<9:&(6&,#:9>\$<(5@DD>\$<(V#+% ;>8:9""&'(2">\$9A#'( ) # \$+, '(-..L\*(

(

f#@X,8'(6\*(1(!"##\$%&'5\*(G65(#8A(2#C9'9&;H( ) >:98X(B>W#\$A(!>8<&U<@#"29\*(G\$&;&8<#<9>8(D\$&;&8<&A#(<(6\$>W8(6#X(5&C98#\$(>8(S&:&">DC&8#"(S9;#\_9'9<9&;'2">\$9A#(!&8<&\$'?)>\$38+@;9:&( !>CC@89<9&;'(B#CD#'(2">\$9A#'(QD\$9"'(-..L\*(

(

!"#\$%&'5\*(1(S@A#'( ) \*( ) &#;@98X(29A&"9<=(98(598X"&N5@\_a&+<(!#;&(5<@A9&;H(G\$#<9+<#"(QDD\$>#+, &;(?>\$3CD"&C&8<98X(O:9A&8+&N\_#;&A(38<&\$&:#&8<9>8;\*( c >\$%; ,>D(G\$&;&8<&A#(<,&(-..L(Q6Q(38<&\$8#<9>8#"Q88@#"(!>8:&8<9>8'(G,>&89U'(Q\$9b>8#'( ) #='(-..L\*(

(

!"#\$%&'5\*(1(S@A#'( ) \*(38:9<&A(G\$&;&8<#<9>8(?>\$6!Q6(O<,9+;(!>8<98@98X(OA@+#<9>8\*( ) &#;@98X(29A&"9<=(98(598X"&N5@\_a&+<(!#;&(5<@A9&;H(G\$#<9+<#"(QDD\$>#+, &;(?>\$3CD"&C&8<98X(OCD9\$9+<#"(38<&\$&:#&8<9>8;\*(5=CD>;9@C(D\$&;&8<&A#(<,&(M<,(Q88@#"38<&\$8#<9>8#"(!>8?&\$&8+&(>8(G>;9<9:&(6&,#:9>\$<(5@DD>\$<'5\*(T>@9;'( ) 9; ;>@9\$'( ) # \$+, '(-..0.\*(

(

!"#\$%&'5\*(38:9<&A(R@&;<(T&+<@&\$&'(QDD"9&A(6&,#:9>\$<(Q8#=";9;4G>;9<9:&(6&,#:9>\$<(5@DD>\$<(38(O#="\$<(38<&\$&:#&8<9>8\*( !>8A@+<98X(QDD"9&A(\&;&# \$+, (98(!>CD"&U(O8:9\$>8C&8#"( !>8<&U<;i(QDD"9&A(6&,#:9>\$<(Q8#=";9;() #;<&\$i;(T&:&'(!"#; ;'(789:&\$;9<=>?(5>@<,(2">\$9A#'(QD\$9"'(-..0.\*(

(

!>;"#8A'(j '(!"#\$%&'5\*(S@8"#D'(R\*( [ &??'(6\*(Q8(Q8#=";9;>?(\&D>\$&A(S9;<#'(S#<#(!>"&+<9>8( ) <,>A;(7<9'9b&A(38(38<&\$&:#&8<9>8(\&;&# \$+, (5<@A9&;\*(G>;<&\$D\$&;&8<&A#(<,&(EF<,(Q88@#"Q6Q(38<&\$8#<9>8#"Q88@#"(!>8:&8<9>8'(5#8(Q8<9>8)'(B&U#;'( ) #='(-..0.\*(

(

2>U'(T\*(!"#\$%&'5\*(S@A#'( ) \*(1 (S@8"#D'(R\*(38:9<&A(G>;<&\$(G\$&;&8<&\$\*(O#\$(=38<&\$: &8<9>8(

G>;9<9: &(6& , #:9>\$5@DD>\$H(Q8(38: &;<9X#<9>8(>8(< , &(7 ;&(>?(G>;9<9: &(6& , #:9>\$5@DD>\$<(W9< , (

B>AA"&\$;(#8A< , &9\$(2#C9"9&;\*(G>;<&\$(D\$&;&8<&A(#<< , &(- .0 . (2#"(!>"&X&(Q; ;&C\_="(!>"&X&(>?(

6& , #:9>\$#"(#8A(!>CC@89<=(5+9&8+&;'(789: &\$;9<=>?(5>@< , (2">\$9A#'(B#CD#'(2">\$9A#'( e +<>\_&\$'(

- .0.\*(

(

!"#\$%&'5\*(1 (S@A#'( ) \*(O: #"@#<98X< , &(7 <9"9<=>?(T>8X9<@A98#"( !>CD\$& , &8;9: &(6& , #:9>\$

G"#8;H(Q8(3""@;<\$#<9: &(!#; &(OU#CD"&\*(G>;<&\$(D\$&;&8<&A(#<< , &(- -8A( [ >\$< , (!#>"98#(

Q; ;>+9#<9>8(?>\$6& , #:9>\$5@DD>\$H(Q8#"=;9;(!>8?&\$&8+&'(! , #"\$><&'( [ >\$< , (!#>"98#'(2&\_@\$#='(- .00\*(

(

!"#\$%&'5\*(38:9<&A( c >\$% ; , >D(G\$&;&8<&\$\*( ) &#; @\$98X(B\$&#<C&8<(38<&X\$9<=(98(598X"&N5@\_a&+<(

!#; &(5<@A9&;H(G\$#<9+#"QDD\$># , &;(?>\$3CD"&C&8<98X(O: 9A&8+&(6#; &A(38<&\$: &8<9>8;\*(

5=CD>;9@C(D\$&;&8<&A(#<< , &(- -8A(Q88@#"( [ >\$< , (!#>"98#(Q; ;>+9#<9>8(?>\$6& , #:9>\$5@DD>\$H(Q8#"=;9;(!

!>8?&\$&8+&'(! , #"\$><&'( [ >\$< , (!#>"98#'(2&\_@\$#='(- .00\*(

(

!"#\$%&'5\*(38:9<&A(R@&;<(T&+<@\$&\$\*(G65(#8A(eD<9C9; C(B#9898X\*(T&+<@\$&(D\$&;&8<&A(<>(5+ , >>"(

G;=+ , >">X=(S>+<>\$#"(T&: &'(!#; ;'(789: &\$;9<=>?(5>@< , (2">\$9A#'( ) #\$, '(- .00\*(

(

QDD"9&A(6&, #:9>\$ (Q8#=";9; ( ) # ; < & \$ h ; ( T & : & " ( ! " # ; ; ' ( 7 8 9 : & \$ ; 9 < = ( > ? ( 5 > @ < , ( 2 " > \$ 9 A # ' ( 2 & \_ \$ @ # \$ = ' ( - . 0 - \* ( (

!"#\$%&'5\*(38:9&A(R@&;<(T&+<@\$&\$\*(G65(#8A(eD<9C9;C(B\$#9898XH(Q8(e :&\$:9&W(>?(#(R\$>@D(S&;9X8(5<@A=\*(T&+<@\$&(D\$&;&8<&A(<>(5+, >>"(G;=+, >">X=(S>+<>\$#"('T&:&'( ! " # ; ; ' ( 7 8 9 : & \$ ; 9 < = ( > ? ( 5 > @ < , ( 2 " > \$ 9 A # ' ( B # C D # ' ( 2 " > \$ 9 A # ' ( ) # \$ + , ' ( - . 0 - \* ( (

!"#\$%&'5\*(2>U'(T\*(1(5#W=&\$'( ) \*(Q8(Q8#=";9;(>?(O#="\$=38<&\$: &8<9>8( \ & ; & # \$ + , ( Q + \$ > ; ; ( B W & " : & ( g & # \$ ; ( W 9 < , 9 8 ( < , & ( V > @ \$ 8 # " (>?(G>;9:9:&(6&, #:9>\$ (38<&\$: &8<9>8; \*(G>;<&\$ (D\$&;&8<&A(#<(B , & ( L < , (38<&\$8#<9>8#"( ! >8?&\$&8+&(>8(G>;9:9:&(6&, #:9>\$ (5@DD>\$<'(Q<"#8<#' (R&>\$X9#'( ) # \$ + , ' ( - . 0 - \* ( (

698A&\$'(S\*(6>+%'(Q\*( ! " # \$ % & ' 5 \* ( 1 ( 2 > U ' ( T \* ' ( 6 & , #:9>\$ (38+9A&8<( \ & D > \$ < 9 8 X ( 5 = ; < & C H ( Q ( c & \_ N 6 # ; & A ( 5 = ; < & C ( < > ( S & ; 9 X 8 ( 5 @ D D > \$ < ; (?>\$ (B&#+, &\$; (#8A( ! , 9 " A \$ & 8 \* ( c > \$ % ; , > D ( D \$ & ; & 8 < & A ( # < ( Q A A \$ & ; ; 9 8 X ( ! , # " " & 8 X 9 8 X ( 6 & , #:9>\$ H ( B , & ( [ 9 8 < , ( Q 8 8 @ # " ( [ # < 9 > 8 # " ( B \$ # 9 8 9 8 X ( 3 8 ; 9 < @ & (>8(O??&+<9:&( G # # + 9 + & ; 4 5 @ D D > \$ < 9 8 X ( g > @ 8 X ( ! , 9 " A \$ & 8 h ; ( 5 > + 9 # " ( # 8 A ( O C > 9 > 8 # " ( S & : & " > D C & 8 < ' ( ! " & # \$ W # < & \$ ( 6 & # + , ' ( 2 " > \$ 9 A # ' ( ) # \$ + , ' ( - . 0 - \* ( (

598X&\$'(T\*(5\*( ! " # \$ % & ' 5 \* ( 1 ( ! \$ > ; " # 8 A ' ( j \* ' ( Q ( S & + # A & (>?(38<&\$: &8<9>8( \ & ; & # \$ + , ( W 9 < , 9 8 ( V Q 6 Q H ( S & C > 8 ; < # < 9 > 8 (>?(#( ! >8<&8<(Q8#=";9;(Q+\$>; ; ( \ & ; & # \$ + , ( f # \$ 9 # \_ " & ; \*(G>;<&\$ (D\$&;&8<&A(#<(< , & ( E - 8 A ( Q 8 8 @ # " ( ) & & < 9 8 X (>?(< , & ( 2 " > \$ 9 A # ( Q ; ; > + 9 # < 9 > 8 (?>\$ ( 6 & , #:9>\$ ( V # + % ; > 8 : 9 " " & ' ( 2 " > \$ 9 A # ' ( 5 & D < & C \_ & \$ ' ( - . 0 - \* ( (

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

2>U\*(T\*( ! "#\$%&'(5\*(1 (698A&\$'(S\*( !>#+ ,98X(O#\$=(OA@+##>\$;( ?>\$(3CD"&C&8<#<9>8(29A&"9<=H( G\$#+<9+&N6#;&A( !>#+ ,98X\*5=CD>;9@C(D\$&;&8<&A(#<(B ,&(0.< , (38<&\$8#<9>8#"(!>8?&\$8+&(>8( G>;9: &(6& , #:9>\$ (5@DD>\$<'(! ,9+##X>'(3""98>9;'( ) # \$ + , ' ( - . 0 / \*(

(  
(  
(

2>U\*(T\*(1 ( ! "#\$%&'(5\*(B ,&(G=\$#C9A( ) >A#"(#8A(S#<#N6#;&A(S &+9;9>8N ) # % 98XH(B>>";(#8A( G\$>+&;&;<(>(7 ;&\*( c >\$% ; , >D(D\$&;&8<&A(#<(QAAS&;;98X( ! , #""&8X98X(6& , #:9>\$H(B , &(O"&:&8< , (( Q88@#"([ #<9>8#"B\$#9898X(38;9<@&(>8(O??&+<9: &(G\$#+<9+&;45@DD>\$<98X(g>@8X( ! , 9"A\$&8i; ( 5>+9#"(#8A(OC>9>8#"S&:&">DC&8<'(5<\*(G&&\$;\_@\$X'(2">9A#'(QD\$9)"(- . 0 / \*(

(  
(  
(

!"#\$%&'(5\*(1 (S@A#'( ) \*( ) &#; @\$98X(29A&"9<=H(Q(A&C>8;<\$#<9>8(>?( , >W(C#&;@\$&;( , #: &( A&:&">D&A(#8A(&C&\$X&A(<(>#+>C C>A#<&(&CD9\$9+#"(<@A9&;(98(8#<@\$#"(&8:9\$>8C&8<;\*(38:9<&A( c >\$% ; , >D(D\$&;&8<&A(#<(B , &(/0< , (Q88@#"(38<&\$8#<9>8#"(!>8: &8<9>8(>?(B , &(Q; ; >+9#<9>8(?>\$( 6& , #:9>\$ (Q8#"=;9;'(! ,9+##X>'(3""98>9;'( ) # = ' ( - . 0 / \*(

(  
(  
(

!"#\$%&'(5\*(1 (S\*(S@A#'( ) \*( !>#+ ,98X(O#\$=(OA@+##>\$;( ?>\$(3CD"&C&8<#<9>8(29A&"9<=H(G\$#+<9+&N 6#;&A( !>#+ ,98X\*(5=CD>;9@C(D\$&;&8<&A(#<(B , &(/0< , (Q88@#"(38<&\$8#<9>8#"(!>8: &8<9>8(>?(B , &( Q; ; >+9#<9>8(?>\$(6& , #:9>\$ (Q8#"=;9;'(! ,9+##X>'(3""98>9;'( ) # = ' ( - . 0 / \*(

(  
(  
(

!"#\$%&'(5\*( ! ,988'(5\*(5#W=&\$'( ) \*(1 (T@+=; , =8'(V\*((7 ;98X(3CD"&C&8<#<9>8(5@DD>\$<;<(>( G\$>C><&(< , &(S @\$#\_9"9<=>?(G65(38<&\$: &8<9>8; (98( [ #<@\$#"(5&<98X;\*(5=CD>;9@C(D\$&;&8<&A(#<(< , &( 0-< , (38<&\$8#<9>8#"(!>8?&\$8+&(>8(G65H(6>;<8'( ) Q'( ) # \$ + , ' ( - . 0 k \*(((

(  
(  
(

!"#\$%&'(5\*( ) +2&&'(j \*(1 (6#\$8&;'5\*((Q8(ODU&\$9C&8<#"O: # "#<9>8(>?(G>;9: &(6& , #:9>\$ ( 5@DD>\$<(98(#( !>C C@89<=(G\$&;+ , >>"(G\$>X\$#C\*(5=CD>;9@C(D\$&;&8<&A(#<(< , &(Ek8A(Q88@#" ( ) &&<98X(>?(< , &(2">9A#(Q; ; >+9#<9>8(?>\$(6& , #:9>\$ (S #=<8#(6&#+ , '(2">9A#'(5&D&C\_&\$'(- . 0 k \*(

(  
(  
(

!"#\$%&'(5\*(j \$#89%



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

!"#\$%&'5\*((08;@\$98X(O??&+<9:&(Q6Q(G\$#+<9+@C(5@D&\$:9;9>8H(7;98X(A#<#(?>\$(?9A&"9<=(Q8A(2&&A\_#+%\*(5=CD>;9@C(D\$&;&8<&A(#<<,&(EF!"(

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

!"#\$%&'5\*(7;98X(<,&(GB \ (G\$>+&;;<>(\ &A@+&<,&(G\$>\_ "&C(6&,#:9>\$(>?(&8(O"&C&8<#\$(5<@A&8<(W9<,(QS 1 S\*((5=CD>;9@C(D\$&;&8<&A(#<(<,&(EJ!"(Q88@#"() &&<98X(>?(<,&(2">\$9A#(Q; ;>+9#<9>8( ?>\$ (6&,#:9>\$ (Q8#=";9;'(6>89<#(5D\$98X;'(2T\*(5&D<&C\_&\$(-.0J\*(  
(  
!"#\$%&'5\*(1(!#; ;&""'(O\*(7;98X(G\$&:&8<NB&#+,N

!"#\$%&'(5\*(1 ( c 988&&%&\$'(Q\*(5+,>>"(\ &#A98&;;(W9<,(G65H(G\$>:9A98X(38A9:9A@#"9b&A(1>C&N  
G\$&;+,>>"(38<&\$:&8<9>8;(?)\$(g>@8X(!,9"A\$&8\*(5=CD>;9@C(D\$&;&8<&A(#<(<,&(OL!"(38<&\$8#<9>8#"  
!>8?&\$&8+&(>8(G65H(5#8(S9&X>'(!#"9?>\$89#'(QD\$9"(-.-.\*(  
(

!"#\$%&'(5\*(1 ( c 988&&%&\$'(Q\*(38:9<&A(5=CD>;9@C\*(5@DD>\$<98X(#(G\$&;+,>>"&\$'(W9<,(! ,#"&8X98X(  
6&,#:9>\$H(\_0.(I\*-5'#"')6/'"+:<6S".(2%5:"\*`-/S'\*)%\*-5%'%)"\*8\$+005%%'\*=4:."00  
5=CD>;9@C(D\$&;&8<&A(#<(B,&(OL<,( [ #<9>8#"('B\$#9898X(38;<9<@&(>8(O??&+<9:&(G\$#+<9+&;(?>\$(  
g>@8X(!,9"A\$&8(W9<,(! ,#"&8X98X(6&,#:9>\$H(B#CD#'(2">\$9A#'(QD\$9"(-.-.\*(  
(

!"#\$%&'(5\*(38:9<&A(R@&;<(G\$&;&8<&\$\*!!1&"D(#8A(1>D&H(!>C\_9898X(G65(#8A(eD<9C9;C(B\$#9898X(  
?>\$(G#&\$&8<;>?(g>@8X(!,9"A\$&8(W9<,(! ,#"&8X98X(6&,#:9>\$\*((G\$&;&8<&A(<(B,&(c f(69\$<,N  
B,\$&&(O#"\$=(!,9"A,>>A(G\$>:9A&\$;\*( ) # \$ ; , # "'(789:&\$;9<='( ) # ='(-.-.\*  
(

!"#\$%&'(5\*(38:9<&A(R@&;<(G\$&;&8<&\$\*!!1&"D(#8A(1>D&H(!>C\_9898X(G65(#8A(eD<9C9;C(B\$#9898X(  
?>\$(G#&\$&8<;>?(g>@8X(!,9"A\$&8(W9<,(! ,#"&8X98X(6&,#:9>\$\*((G\$&;&8<&A(<(B,&( [ #<9>8#"(! &8<&\$(  
?>\$(G=#C9A( ) >A"(388>:#<9>8;(I [ ! G ) 3K\*(789:&\$;9<=>?(5>@<,(2">\$9A#'(e+<>\_&\$'(-.-.\*(  
(

!"#\$%&'(5\*(1 ( c 988&&%&\$'(Q\*(78">+%98X(5@++&;?@"(B9&\$'(E(5@DD>\$<;(?>\$(g>@8X(!,9"A\$&8H(  
!>#"#\_>\$#<9>8(9;<,&(j &=Z(5=CD>;9@C(D\$&;&8<&A(#<(<,&(-.!"(38<&\$8#<9>8#"(!>8?&\$&8+&(>8(G65H(  
V#+% ;>8:9'"&'(2">\$9A#'( ) # \$ + , ' ( - . - E\*(  
(

!"#\$%&'(5\*(38:9<&A(5=CD>;9@C\*(1&"D(#8A(1>D&H(!>C\_9898X(G65(#8A(eD<9C9;C(B\$#9898X(?>\$(  
G#&\$&8<;>?(g>@8X(!,9"A\$&8(W9<,(! ,#"&8X98X(6&,#:9>\$\*(5=CD>;9@C(D\$&;&8<&A(#<(B,&( [ #<9>8#"('B\$#9898X(38;<9<@&(>8(O??&+<9:&(G\$#+<9+&;H(QAA\$&;;98X(!,#"&8X98X(6&,#:9>\$(  
!>8?&\$&8+&H(B#CD#'(2">\$9A#'(QD\$9"(-.-E\*(  
(

1&CC&

! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*(G\$>#<9: &(B9D; (?>\$ ( \ &<@\$898X(<(5+, >>(' #8A(5@DD>\$<98X(5<@A&8<; (S @\$98X(#8(78+&\$<#98(B9C&\*(I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, ( 98<&\$#<9: &(A9; +@; ;9>8\*(V@="(-0#1'(-. -. .\* (

( ! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*(G\$&: &8<9>8(5<\$#<&X9&; (<(\ &A@+&( ! , #""&8X98X(6&, #:9>\$\*(I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, (98<&\$#<9: &(A9; +@; ;9>8\*(V@="(-J1'(-. -. .\* (

( ! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*(B&#+, (C&(W, #(<(<A>Z(1>W(<(\ &A@+&( ! , #""&8X98X(6&, #:9>\$(\_=(B&#+, 98X(!, 9"A\$&8(\ &D"#+&C&8<(6&, #:9>\$;\*(I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, (98<&\$#<9: &(A9; +@; ;9>8\*(Q@X@; <(/!'"(-. -. .\* (

( ! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*((G\$>C>>98X(S&;9\$&A(6&, #:9>\$)#8A(O??&+9: &"(\ &;D>8A98X(<(!, #""&8X98X(6&, #:9>\$\*(I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, ( 98<&\$#<9: &(A9; +@; ;9>8\*(Q@X@; <(001'"(-. -. .\* (

( ! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*(! #8(=>@(:&&(C&(8>Wm((7;98X<, &(R>>A(6&, #:9>\$)(R#C&(<(> ) >9: #&&(5<@A&8<; (<(>V>98(e 8'98&(T#&\$898X(#8A(38+\$&#; &(O8X#X&C&8<\*( I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, (98<&\$#<9: &(A9; +@; ;9>8\*(Q@X@; <('OJ1'"(-. -. .\* (

( ! "#\$%&' (5\*(2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(5+, C"<&\$'(V\*(B9D; (?>\$ ( ) #8#X98X(Q8U9&<=#8A(5<\$&; ( S @\$98X(78+&\$<#98(B9C&\*(I2ST \ 5N) S !K(T9: &(c &\_98#\$(W9<, (98<&\$#<9: &(A9; +@; ;9>8\*(Q@X@; <(-k1'"(-. -. .\* (

( 2>8<&+, 9#'(j\*(!#; ;&""(O\*(1(! "#\$%&' (5\*(!>""#\_>\$#<9: &(+)#+, 98XH(B, &(G\$&: &8<NB&#+, N \ &98?>\$+&(IGB \ K( ) >A&""(I38<&\$A9; +9D"98#\$( ! &8<&\$ (?>\$ (O: #"@#<9>8(#8A(38<&\$: &8<9>8; K\*(B\$#9898X( 5&\$9&; (G#\$(O(G\$&; &8<&A(<(>G#; +>(!>@8<=(5+, >>)"(S9; <\$9+<(6&, #:9>\$)(38<&\$: &8<9>89; <;\*(e+<\_&\$'( 0E1'"(-. -. .\* (

( F>8<&+, 9#'(j\*(!#; ;&""(O\*(1(! "#\$%&' (5\*(6&, #:9>\$)(38<&\$: &8<9>8(G"#8; \*(!>#+, 98X4( 3CD"&C&8<#<9>8<(<, &(G"#8\*(I38<&\$A9; +9D"98#\$( ! &8<&\$ (?>\$ (O: #"@#<9>8(#8A(38<&\$: &8<9>8; K\*( B\$#9898X(5&\$9&; (G#\$(-(G\$&; &8<&A(<(>G#; +>(!>@8<=(5+, >>)"(S9; <\$9+<(6&, #:9>\$)(38<&\$: &8<9>89; <;\*( [>: &C\_&\$L<, '(-. -. .\* (

F>8<&+, 9#'(j\*(!#; ;&""(O\*(1(! "#\$%&' (5\*(G\$>X\$&; ( ) >89<>98X(#8A(S#<#N6#; &A(S&+9; 9>8( ) #&98X(I38<&\$A9; +9D"98#\$( ! &8<&\$ (?>\$ (O: #"@#<9>8(#8A(38<&\$: &8<9>8; K\*(B\$#9898X(5&\$9&; (G#\$(E( G\$&; &8<&A(<(>G#; +>(!>@8<=(5+, >>)"(S9; <\$9+<(6&, #:9>\$)(38<&\$: &8<9>89; <;\*(V#8@#\$(L<, '(-. -. 0\* (

( ! "#\$%&' (5\*(38: 9<&A(R@&; <(G\$&; &8<&\$\*(1"D(#8A(1>D&H(7; 98X(e D<9C9; C(B\$#9898X(<(>5@DD>\$<( 2#C9"9&; (>?(g>@8X(!, 9"A\$&8(W9<, (!, #""&8X98X(6&, #:9>\$\*(B\$#9898X(G\$&; &8<&A(<(>B, &( B&88&; ;&&(f>9+&; (?>\$(!, 9"A\$&8(I1>C&(f9; 9<9; K\*(V@8&(-L1'"(-. -. E\*(

( ! "#\$%&' (5\*(38: 9<&A(R@&; <(G\$&; &8<&\$\*(1"D(#8A(1>D&H(7; 98X(e D<9C9; C(B\$#9898X(<(>5@DD>\$<( 2#C9"9&; (>?(g>@8X(!, 9"A\$&8(W9<, (!, #""&8X98X(6&, #:9>\$\*(B\$#9898X(G\$&; &8<&A(<(>B, &( B&88&; ;&&(\ &X9>8#"(38<&\$: &8<9>8(! &8<&\$ (I \ 3GK(?>\$ (O#\$( !, 9"A, >>A(V@="E0#1'"(-. -. E\*(

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

!"#\$%&'(5\*(38:9&A(R@&;<G\$&;&8<&\$\*(1&"D(#8A(1>D&H(7;98X(eD:9C9;C(B\$#9898X(<>(5@DD>\$(<  
2#C9"9&;(>?(g>@8X(!,9"A\$&8(W9<,(!,#"&8X98X(6&,#:9>\$\*(B\$#9898X(G\$&;&8<&A(<>(B,&(

B&88&;;&&(f>9+&;(?>\$(!,9"A\$&8(I!"#;,\$>>C(!>#+,&;K\*(Q@X@;<O/<,'(-.-E\*(  
(  
(

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

---

Q; ;>+9#<9>8(?>\$ (G>;9:9:&(6&,#:9>\$ (5@DD>\$<(IQG65K(  
!>@8+9" (?>\$ (OU+&D<9>8#" (!,9"A\$&8(I!O!K(  
2">\$9A#(Q; ;>+9#<9>8(?>\$ (6&,#:9>\$ (Q8#" =;9;(I2Q6QK(  
QDD"9&A(6&,#:9>\$ (Q8#" =;9;(38<&\$8#<9>8#" (IQ6Q3K(  
(

38:9&A(\ &:9&W&\$(>\$(B, &([ #>8#"G\$>?&;;9>8#"S&:&">DC&8<(!&8<&\$(>8(Q@<9;C(5D&+<\$@C( S9;>\$A&\$;(I [ GS !K'(- .00\*(

(

38:9&A(G\$>D>;#"(\ &:9&W&\$(>\$(D\$&;&8<#<9>8(#8A(W>\$%; ,>D(;@\_C9;;9>8;'(Q;;>+9#<9>8(?>\$( G>;9>9: &(6& ,#>9>\$5@DD>\$(<!>8?&\$&8+&'(- .00\*(

(

38:9&A( ) #8@;+\$9D<(\ &:9&W&\$'(V>@\$8#"(>?(O#\$"=(38<&\$: &8<9>8(IVO3K'(- .00\*(

(

38:9&A( ) #8@;+\$9D<(\ &:9&W&\$'(V>@\$8#"(>?(6& ,#>9>\$#"OA@+#<9>8(Ive 6OK'(- .0.N- .00\*(

(

38:9&A(G\$a&+<(QDD"9+#<9>8(\ &:9&W&\$'(789<&A(5<#<&;(S&D#\$<C&8<(>?(1&#"<,(#8A(1@C#8( 5&\$:9+&;'(5@\_;<#8+&(Q\_@;&(#8A( ) &8<#"(1&#"<,(5&\$:9+&;(QAC989;<\$#<9>8(I5Q ) 15QK(5+9&8+&( <>(5&\$:9+&(QW#\$A;'(- .0.\*

(

38:9&A(G\$a&+<(59<&(O:#"@#<9>8(\ &:9&W&\$'(789<&A(5<#<&;(S&D#\$<C&8<(>?(1&#"<,(#8A(1@C#8( 5&\$:9+&;'(5@\_;<#8+&(Q\_@;&(#8A( ) &8<#"(1&#"<,(5&\$:9+&;(QAC989;<\$#<9>8(I5Q ) 15QK(5+9&8+&( <>(5&\$:9+&(QW#\$A;'(- .0.\*

(

38:9&A(G\$a&+<(QDD"9+#<9>8(\ &:9&W&\$'(789<&A(5<#<&;(S&D#\$<C&8<(>?(1&#"<,(#8A(1@C#8( 5&\$:9+&;'(5@\_;<#8+&(Q\_@;&(#8A( ) &8<#"(1&#"<,(5&\$:9+&;(QAC989;<\$#<9>8(I5Q ) 15QK(5+9&8+&( <>(5&\$:9+&(QW#\$A;'(-...II\*(

(

38:9&A(G\$a&+<(59<&(O:#"@#<9>8(\ &:9&W&\$'(789<&A(5<#<&;(S&D#\$<C&8<(>?(1&#"<,(#8A(1@C#8( 5&\$:9+&;'(5@\_;<#8+&(Q\_@;&(#8A( ) &8<#"(1&#"<,(5&\$:9+&;(Q.2(<) 0.2(, (5 ) -0.2(& ) 0.2(\$:9 ) 0.2(+ ) 0.2(& ) (