

:\$: :B!:\$:2! %& ' ' 7997&(*=>! 3 +99+4 .69*--9!F* .+07&=+,!8 *+,-. ! / A079&=0!%& ' ' 7997&(!
Y / KK&7(-*A!@0!- . *!5 &0*=(&=Z>!!

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:\$!"! ! ! M=+9 ' 69!5=+(-**>!H->!D*-*=a9!%&,,*G*>!] [E&=A!N(70*=97-0>!N'b!!
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:\$"\$!! M6=&K*+(!H47*(4*!R&6(A+-7&(!=-+0*,!+) +=A>! c 3 HH: !H* ' 7(+=!&(!
3 *+96=7(G!P(-*G=+-7&(!+(A!Q794=7 ' 7(+7&(>!D+=79!^6,0!CB;>!
:\$";! ! ! 3 *(-&=1&E!- . *!d *+=>!F&9-&(!%&,,*G*!H4 . &&,!&E!H&47+,! I &=J>!
:\$"X! 3 *(-&=7(G! /) +=A>!%H I M!%&6(47,!&(!- . *!` &,*!+(A!H+-69!&E! I & ' *(!7(!
H&47+,! I &=J!MA64+-7&(>!)
:\$"L! P(E,6*(-7+,!H->!D*-*=a9! I & ' +(>!H->!D*-*=a9!%&,,*G*>!] [E&=A!N(70*=97-0>!!
:\$"L! Q79-7(G679 . *A!` *4*(-!%&(-=7@6-7&(9!-&!H&47+,! I &=J!MA64+-7&(! /) +=A!
%&6(47,!&E!H&47+,! I &=J!MA64+-7&(!Y%H I MZ>!!
:\$:\$! e+-7&(+,!M[+ ' K,*!&E!M[4*,,*(4*!7(!MA64+-7&(>!V+-7([!V*+A*=9 . 7K!P(7-7+-70*!
:\$: :! P(9K7=+-7&(+,! I & ' +(! /) +=A!f] 6-9-(A7(G!D=&E*997&(+,>!V+-7(+!%*(-*=!
3 +=g>!V0((! 3 />!!
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!	&E! 3 +99+4 .69*--9!!	Q 3 8 !F* .+07&=+,!8 *+,-. !D+7A!P(-*= (9 . 7K!	!
!	Q*K+=- ' *(-!&E! 3 *(-+,!	D=&G=+ ' !!	!
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!	e 6=97(G!` *9*+=4 . !	V*0*+=G7(G!4& ' ' 6(7-0B@+9*A!@* .+07&=+,!	j : !X\$\$!\$\$\$!
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: \$ "LB : 2! ` 699*,,IH+G*! 5B"L\$:B" "CC ; ! j "<#l# : 2!
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%+=(*G7*!%&=K&=+-7&(! P(9-7-6-7&(9!%&(-=7@6-*!-&!] ,A*=-P ' ' 7G+=(-9a!
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/ ' *=74+!
` &,*i! 3 6,-7BDPi!%+,O&!S ! I +-*=9!
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+ - * . / + * 4 "56"7%&"((898:5%;756<6=68%
>"?%6@8%A<B8?')(C?65%
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"> 7)+B1C! ;>!d>!m. *(G!H>!b6 '+=! />!] ,G7+-7!S!F*=J '+(!V>R>!Y:\$":Z! I *,B@*7(G!+(A!9&47+ ,!
4+K7-+ ,!&(!K,+(*-!M+=- .i!%=&99B(+7&(+,*07A*(4*!E=&'!'#:!4&6(-7*9>n!2 ;3<*=>?!
<YXZi*#: <L2>A&7i!"\$>"2<"_!&6=(+,>K&(*>!\$#\$#: <L2>!

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:> b6 '+=!H>!7)+B1! !`>! / 0*(A+(&! 3 >!H70+=+ '+J=79. (+(!b>!S!F*=J '+(!V>R>!Y:\$":Z!H&47+ ,!
96KK&=!0&6(-**=7(G!+(A! . *+,-. !+=&6(A!- . *!) &=,Ai!%=&99B(+7&(+,*07A*(4*!E=&'!'2L!
4&6(-7*9>!<30. \$8<0.&-0&*@*A &#.0. -&B!<#Y CZI! ;L;B<\$;>!

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2>] ,G7+-7! />! ; D!7)+B1!S!F*=J '+(!V>R>! / =*' ' 7G=+(-9!G&7(G!6K!+!@,7(A!+,,*Oo!M4&(&' 74!
' 7G=+-7&(!+(A!,7E*!9+-79E+4-7&(!+=&6(A!- . *!) &=,Ai!%=&99B(+7&(+,*07A*(4*!E=&'!'M6=&K*!e &=-. !
/ ' *=74+!+(A! / 69=-+,7+>!Y:\$"2Z!<30. \$8% C-#.0\$%3): *D&:&\$)OEB!FFG!2X2B#\$#>!!

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#> 8+ ' K9&(!^>!%=*+!T> 3 >! ; D!7)+B1!S!p,0+=*h!R>!Y:\$"#Z!T. *!0+,6*!&E!+44&' K+(7' *(->!
+3)0&#*A./)\$%.3-*D&H.&I B*GJ B*<BX>!

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C> 7)+B1C! ;>!q>!` &W+9!S!! I (+) 0.2--(') 0.2(7) 0.2(G=+) 0.2(-) 0.2(7) 0.2(&(!+) 049

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" :> k ` &9+,*9!>`>!S!7)+B1C! ; D!Y:\$ "<Z>!rH7!Q7&9! c 67*=-*ia!R+++,79 ' &!+(A!69*!&E! ' *(-+,. *+,-. !
9*=-074*9!+ ' &(G!V+7(&9!) 7- . !+! . 79-&=0!&E!A*K=*997&(>!<30.\$8*N3)0* . -*Q&\$8%E*P\$)&B*WUYXZ!
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"2> 7)+B1C! ; D!^+@,&(9J+BF+0=&!^>!S! I +-*=9! 3 >%>!Y:\$ "<Z>!] @+ ' +4+=*!7(!+4-7&(>!8 &) !+44*99!-&!
- . *! . *+,- . !4+=*!909-* ' !4&(-=7@6-*9!-&!7 ' ' 7G=+(-9a!9*(9*!&E!@*,&(G7(G>!L3,) - \$8*3!/?%E-.0*\$-#*
A./)\$%.3- *% , #. &.:B*GTY" :Z! : \$: \$B : \$2 ;>!

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"#> E 3 +, *-! 3 >V>C!7)+B1C! ; D!S! I +-*=9! 3 >%>!Y:\$ "<Z>!P!A&(a-!@*,&(G!+(O ' &=*i!N(A&46 ' *(-*A!
V+7(&!P ' ' 7G=+(-9!*(4&6(-*=-!9&47+,!9*=-074*9!7(!- . *!N(7-*A!H+-*9>!Q.:"\$-.0*L3,) - \$8*3!)*
K&E\$H.3)\$8*0.&-0&.:B*TRY2Z! : ; <B : X :>!

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"C> ER7G6*=-*&!q>!S!7)+B1C! ; D!Y:\$ "XZ!V+7([!-=+A7-7&(+,!. *+,- . 4+=*!69*i!T . *!9&47+,!(*-) &=J!
*EE*4->!Q&\$8%E*@*<30.\$8*N3)0B*GY"Z! : " <B : : C>!

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";> 7)+B1C! ; D!FGHIJK!P(-=&A64-7&(i!T . *!V+7([!&KK&=-6(7-0>!L3,) - \$8*3!9&\$OE. - / * . - * <30.\$8*N3)0B*
TJYXZ! : # ; B : C\$>!!

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"<> 7)+B1C! ; D!] =7h!V>!q7,+,!D>!S!F+*J!b>!Y:\$ "XZ! / !4+,,!E&=!+4-7&(i!V+7([!7(!9&47+,!) &=J!
*A64+7&(>!L3,) - \$8*3!9&\$OE. - / * . - * <30.\$8*N3)0B*TJYXZ! : ; 2B : < ;>!!

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"X> 7)+B1C! ; D!S!% . *6(G!R>!Y:\$ "XZ!Q&*9! ' &(*O!@60!7 ' ' 7G=+(-9a! . +KK7(*99o!!L3,) - \$8*3!)*
Q\$"" . - &.: *% , #. &.:B*FRB*;! " ; C<B" ; < :>!

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"L> kMO+(9!b>!Q7* @&,A!b>!S!7)+B1C! ; D!Y:\$ "XZ! / !4+,,!&=!+4-7&(i!*=7 ' +G7(7(G!9&47+,!) &=J!) 7- . !
K=+4-74*!) 7- . !6(+44& ' K+(7*A! ' 7(&=9>!V#H\$-0&.: * . - * <30.\$8*N3)0B*FY2Z!<XXBX\$<!

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&E!-.*!.*+,-.!9+E*-O!(*-!+(A!-.*!3*A74+7A!*[K+(97&(!&(!V+-7([9a!69*!&E!@*+.07&=+,. *+,-. !4+=*!
7(!-.*!NH>!L3,)-\$8*3!K&E\$H.3)\$8*Q&\$8%E*<&)H.O&.*@*D&:&\$)OE!GJY:Z!"X2B"LY>!!

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:;> E`&9+,*9!>`>!S!7)+B1C! ;>!Y:\$:"Z!T.*!/EE&=A+@,*!%+=*!/4-i!D&,740!K=*A74-&=9!&E!7(-*G=-*A!
4+=*!7(!879K+(74B9*=-07(G! '*(-+,. *+,-. !&=G+(7h+-7&(9>!KAP*Q&\$8%E*<&)H.O&.*D&:&\$)OE!
[.--K9i_A&7>&=G"\\$>"X;9":L"2B\\$: "B\\$; "LXB;!](#)

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:<> 7)+B1C! ;D!S!F=+A,*O!H>!Y:\$:"Z!T.*!5&&A!-.*!F+A!(A!-.*!NG,Oi!V*99&(9!,*+=(*A!
A79'+(-,7(G! I .7-*!96K=*'+40!7(!+!94.&&,&E!9&47+,!)&=J>!V#H\$-0&:*.*<30.\$8*N3)0B*[SF\B*S7TB*
L:\$BL22>!**

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:X> ER7G6*=-*&!q>!S!7)+B1C! ;>!Y:\$: :Z!`+47+,7h+-7&(!+(A!K904.&,&G74+,!A79=-*99!+ '&(G!N>H!
V+-7([9>!L3,)-\$8*3!D\$0.\$8*\$-#*?%E-.0*Q&\$8%E*Y.: "\$).%.&:B*R

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N3)0)!e*)!d&=J!|e di!] [E&=A!N(70*=-97-0!D=*99)!
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C> 7)+B1C! ; >!S!R7G6*=-*!q>!Y:\$: :Z>!T.*!=&,*!&E!-.*!.*+,-.!4+=-*!909-* '!7(!-.*!7(4&=K&=+-7&(!&E!
V+-7([9!7(-&! / ' *=74+(!9&47*-O>!P(! 3 +=-7(!8+,7) *,!,+(A!H&K.7*!^&(*9!YMA9>Z!|9E&*?#. -6,)/E*
P35 "\$-.3- %3%E&*238.%.0:*3!V5&).0\$- *Q&\$8%E)!MA7(@6=G. !!N(7-*A!b7(GA& ' !MA7(@6=G. !
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 :\$:;!f!F 3 %!D6@,74!8*+,-.!
 :\$:;!f!D*A7+--749!
 :\$:!L!f! / ' *=74+(!^&6=(+,!&E!D6@,74!8*+,-.!
 :\$:!L!f!M9-&(7+(!` *9*+=4.!%&6(47,!!
 :\$:!L!f!HH 3 B!D&K6,+7&(!8*+,-.!!
 :\$:!X!f! / G7(G!+(A! 3 * (-+,!8*+,-.!
 :\$:!X!f!^&6=(+,!&E!-.*!8*+,-.!!%+=*!E&=-.*!D&&=!(A!-.*!N(A*-9*=-0*A!
 :\$:!X!f!T.*!H&47+,!H47*(4*^&6=(+,!!
 :\$:!<!f!^&6=(+,!&E!T*+4.7(G!7(!H&47+,! I &=J!
 :\$:!<!f!M6= / ' *=74+!
 :\$:!<!f!8*+,-.!!S!H&47+,! I &=J!
 :\$:!<!f!T.*!V+(4*-!
 :\$:!<!f!D,&9] (*!
 :\$:!<!f!^&6=(+,!&E!M4&(&' 74!F*.+07&=!(A!] =G+(7h+-7&(!
 :\$:!<!f!^&6=(+,!&E!8+KK7(*99!H-6A7*9!
 :\$:!<!f!^&6=(+,!&E!` +47+,!(A!M-. (74!8*+,-.!!Q79K+=7-7*9!
 :\$:! ;!!f!F=7-79.!^&6=(+,!&E!H&47+,! I &=J!
 :\$:! ;!!f!5,&@+,7h+-7&(!+(A!8*+,-.!
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 :\$:! ;!!f!

#> 7)+B1C! ; DC!H>H6@=+ ' +(7+(!S! 3 >%>! I +-*=9>!!9E&*. 5 "\$0%*3M* I&8M.\$)&* "38.0I*3 -*. 5 5./)\$- %:d*
:30.\$8%), :%]*H&47+,! I &=J!+(A!` *9*+=4.! / ((6+,! 3 ** -7(GI! I +9.7(G-&(!!Q>%>!^+(6+=0!" :!
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C> 7)+B1C! ; DC!V&) *!!H>` >!S! I +-*=9!! 3 >%>!Q\$""I*&H&)*\$M%&)c*V*-\$%,)\$8*&`"&). 5&-%*3M%*E&*:&%_

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";> %=*+!T> 3 >!+(A!7)+B1C! ;>!%+ ' K9!&=%!7-7*9o!P3 5 "\$). - /*D&M, /&&:b*&8M_D&"3)%&#*Q&\$8%E*\$-#*
N&88_K&. - /*=, %03 5 &.*. - *<, 6_<E\$E)\$- *VM).0\$>!H&47*-O!E&=!H&47+,! I &=J!+(A!` *9*+=4. ! / ((6+,!
%&(E*=(4*>! I +9.7(G-&(!Q>%>!^+(6+=O!"C!:\$" ;>!

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"< E` &9+, *9!>`>!+(A!7)+B1C! ;>!Y&%&) 5. - \$-%:*3M*2)3M&::.3-\$8*A &- %\$8*Q&\$8%E*<&)H.0&*! %&.g\$%.3-*
\$53 - /*; \$%. - \$:73:*Y.\$ / -3:&#*I.%E*Y&")&::.3-*. - %E&*! -. %&#*<%\$&:>!H&47*-O!E&=!H&47+,! I &=J!
+(A!` *9*+=4. ! / ((6+,!%&(E*=(4*>! I +9.7(G-&(!Q>%>!^+(6+=O!"C!:\$" ;>!

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&- %&). - /*E&*I3)0*M3)0&J!%&6(47,!&E!H&47+,! I &=J!MA64+-7&(!;2!"! / ((6+,!D=&G=+ ' ! 3 **-7(G!
Y / D 3 Z!MA64+-7(G!E&=! . *!H&47+,! I &=J!5 +=(A!% . +, * (G*9>!Q+, , +9!T* [+9!] 4-&@*="LB: :!
:\$" <!!

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"L> %+=!!Q>!b+7,!F>!S!7)+B1C! ; D! ?%E-3)\$0.\$8*#.: "\$). %&.*. - *\$#4, : %5 &- %*3*)&%.)&5 &- %' *E&*
Q.: "\$- .0*\$#H\$-%\$ /&J!T. *! : "#!P / 5 5! I &=,A!%&(G=*99!&E!5 *=&(-&,&GO!+(A!5 *=7+-=749>!H+(!
R=+(4794&1!% / !!^6,O!:2B:<!:\$" <!

H&47+;! I &=J!+(A!` *9*+=4. !YHH I `Z!: : %"/ ((6+,!%&(E*=(4*>!/ 4.7*07(G!M\6+,!] KK&=-6(7-0!M\67-0!+(A!^69-74*>! I +9.7(G-&(!Q>%>!^+(6+=0!"\$B"#!:\$"X>!!

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:> ER7G6*=&!q>!L!7)+B1C! ; D!; \$%. -3%)\$#.#.3-\$8*E&\$8%E0\$)&* :&!H&47*-O!E&=H&47+;! I &=J!+(A!` *9*+=4.>!: : %"/ ((6+,!%&(E*=(4*>!/ 4.7*07(G!M\6+,!] KK&=-6(7-0!M\67-0!+(A!^69-74*>! I +9.7(G-&(!Q>%>!^+(6+=0!"\$B"#!:\$"X>!!

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:< 7)+B1C! ; D!S!D7--B%+-9&6K.*9! 3>!!; \$:&)%M30, :3-%E&*. 5 "8.0.%*P,).0, 8, 5 '*<&8M_\$. :&.: 5 &-:% %3")3533%&*. -08, :.H&8&\$)-. -/*P355, -.%.&:;!%&6(47,!&(!H&47+;! I &=J!MA64+-7&(>);C-.! / ((6+,! D=&G+= ' ! 3 **7(G>!!H&47+;! I &=J!MA64+-7&(i!V&&J7(G!F+4J!V&&J7(G!R&=) +=A!Q*(O*=!%&, &+=A&>!] 4-&@*=: #B: <!:\$"L>!!

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:X> EMO+(9!b>!S!7)+B1C! ; >12)&"\$). -/*M, %,)&*:30.\$8*I3)0&):%3*I3)O*I.%E*, -\$0035 "\$-.&#* PE.8#)&-*/! P!%&6(47,!&(!H&47+;! I &=J!MA64+-7&(>);C-.! / ((6+,!D=&G+= ' ! 3 **7(G>!!H&47+;! I &=J!MA64+-7&(i!V&&J7(G!F+4J!V&&J7(G!R&=) +=A!Q*(O*=!%&, &+=A&>!] 4-&@*=: #B: <!:\$"L>!!!!

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:L> 7)+B1C! ; D!S!57 ' (*hbe+A+,>D&. 5\$/. - -/*: , 00&.:M, 8*\$/. -/*\$53-/*; \$%. -`0355, -.%.&:.*- %E&*! -.%&#<%\$&:;!H&47*-O!E&=H&47+;! I &=J!+(A!` *9*+=4. !YHH I `Z!: #"/ ((6+,!%&(E*=(4*>!!` *A647(G!` +47+;!+(A!M4&(& ' 74!P(*\6+,7-0>! I +9.7(G-&(!Q>%>!^+(6+=0!"CB"LI!:\$:\$>!!

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2\$> E` *O*9!V>!S!7)+B1C! ; D!Q3I*38#&)*; \$%. -`-\$H./\$%&*:30.\$8*:&H.0&.*- %E&*! -.%&#<%\$&:;! H&47*-O!E&=H&47+;! I &=J!+(A!` *9*+=4. !YHH I `Z!: #"/ ((6+,!%&(E*=(4*>!!` *A647(G!` +47+;!+(A!M4&(& ' 74!P(*\6+,7-0>! I +9.7(G-&(!Q>%>!^+(6+=0!"CB"LI!:\$:\$>!!

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R+ ' 7,7+9!*!P(E+(47+!*(!H7-6+47s(!A*!q6, (*=@7,7A+A)!F+=4*, &(+!HK+7(>! / K=7,!"#1!: \$"L>!!

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] ,A*!=7 ' ' 7G+=(-9!,707(G!-7(!-.*!N>H>! ' &=*!9+-79E7*A!) 7- .!,7E*!- .+(!(+70*B@&=(!4&6(-*=K+=-9>!
`*-=7*0*A!E=&' !,--K9i (*) 9>E96>*A6 (*) 9 *A64+-7&(B9&47*-0 :\$"L \$2 :\$ &,A*=B7 ' ' 7G+=(-9B
.707(GB7(B6B9B ' &=*B9+-79E7*AB) 7- .B,7E*B- .+(B(+70*B@&=(B4&6(-*=K+=-9!

!
V7E*!V7@*=-0!+(A!-.*!D6=967-!&E! 8+KK7(*99 | !V+-*!=7(!V7E*>!HK&-7G. -!&(! / AO+(47(G!V&(G!+(A!
D=&A64-70*!V70*9i! / !5=+(A!% . +, ,*(G*! / 5M<N*e*) 9, *-*=>!H6 ' ' *!=: \$"L!e *) 9, *-*=>! / O+7,+@, *!
+! ..K9i +G*9)>&=G!

!
V*+A7(G!-.*!T+=(9E&= ' +7&(i! I &=J7(G!) 7- .!V+-7([!%&' ' 6(7-7*9>!%&6(47,!&E!H&47+,! I &=J!
MA64+-7&(>!%*(-*=!E&=!Q70*=97-0!+(A!H&47+,!S !M4&(&' 74!^69-74*>! / O+7,+@, *!+-!!
..K9i)))>49)*>&=G %*(-*=9BP(7-7+-70*9 %*(-*=9 %*(-*=BE&=B
Q70*=97-0>+9K[o{h9yqC 3 -*" S {h,y]=5<:!

!
3 +99>!4&6,A!A&! ' &=*!&! . *,K!V+-7(&9!E7(79. !4&.,*G*!9+09!=*K&=>!K3:%3-*K, .-.&.: *L3,)-\$8!
/ O+7,+@, *!+-!!
..K9i)))>@7h\&6=(+,9>4&' @&9-&((*) 9 :\$: \$ \$X : " ' +99+4.69*--9B,+G9B7(B,+7(&9BA*G=*B
4&' K,*-7&(>.- ' ,!

!
uM,9!9*=0*79!9&47+,9!@+9+-9!*(!6(! ' &A*,!+9979-*(47+,!9s(!7(9&9-*(7@,*9n!?8*2\$!:>!YHK+7(Z!!
`*-=7*0*A!E=&' !!
..K9i 4+->*,K+79>4&' 4+- :\$: "\$# : : 4+-+,6(O+ " ;"L""<\$S;{L";\$<\$>.- ' ,!

!
QMP!-=+7(7(G!E&=!9&47+,!) &=J*-9>!H&47+,! I &=J!T&A+O>!R+,,! : \$: :>!
..K9i)))>9&47+,.) &=J-&A+O>4&' +=4.70* R+,, : : K"\$>9.- ' ,!