

:\$: :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!!
:\$<!! ! ! 3 *(-&=7(G!M[4*,*(4*!/)+=A!F&9-&(!%&,,*G*!% . *9-(6-!87,,! 3 />!
:\$"\$!! 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=+ ' !!	!
!	8 *+,-. !	` &,*!D=7(47K+,!P(0*9-7G+-&=!	!
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:\$: :B:<!	e+-7&(+,!P(9-7-6-*!&E!	"` \$" e ` \$: \$#X: B\$" / "!!	!
!	e6=97(G!` *9*+=4. !	V*0*+=G7(G!4&' ' 6(7-0B@+9*A!@* . +07&=+,!	j :!X\$\$!\$\$\$!
	YePe `Z!	. *+,-. !-&!7(4=*+9*!0+447(*!6K+J*!7(!V+-7([!	
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Q*K+=- ' *(-9!Y` / QHZ! V7(G679-74+,O!%&(4&=A+(-! 3 *(-+,! 8*+,-.!
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R&6(A+7&(! 8 &) !H&47+,!D=&-*4-7&(!D&,747*9!+(A!
%+=(*G7*!%&=K&=+-7&(! P(9-7-6-7&(9!%&(-=7@6-*!&!] ,A*=-P ' ' 7G+(-9a!
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+ - * . / + * 4 "56"7%&"((898:5%;756<6=68%
>"?%6@8%A<B8?')(C?65%
D;ACEF%;77") '6<"75%<7%
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kH-6A*(-!' *(-**9!+9!E7=9-!+6- .&=9!kk^6(7&=!E+46,-0!+9!E7=9-!+6- .&=9!

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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 ' &=*!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+,*9!>`>!S!7)+B1C! ; D!Y:\$ "LZ!% . +=+4-*=79-72(.) 0.9-7.2(&)) -024TjETQ-!0 3 !Tm / (7.2(&0. f[#0. 5000

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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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#> 7)+B1C! ; D!R7G6*=&!q>!Y: \$: :Z>!V+-7(+9!+(A!V+-7(&9!] 0*=-07*)>!!? -01083''&#.\$*3!<30.\$8*
N3)0)!e*)!d&=J!e di!] [E&=A!N(70*=-97-0!D=*99)!
"##\$%&'()*+,-./+./01'23,45),4'067/.00068710+/.1+869!

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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. !
N(70*=-97-0!D=*99)!

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;> 7)+B1C! ; D!%=6-4. E7*,A1!^>!S!Q*,0+!^>!Y: \$: 2Z>!F*O&(A!4&,&=79 ' >!T. *!7 ' K+4-!&E!+=+47+,7h+-7&(!
&(!N>H>!V+-7([9>!<30.\$8*N3)0*\$-#%E&*Z)\$-#PE\$8&- /&*3!/?-#. - /D\$0.: 5]*P3-0&'%:B*9E&3)I!B*
\$-#*?H.#&-0&*K\$: &#*V"")3\$OE&:]MA7-*A!@0! 3 +=-*,!V>!T*+9,*0! 3 74. +*,!H>!HK*(4*=!+(A!
3 *,799+!F+=-.&,& ' *)*

!',!0.#!4'&%'+')!! !
:\$:2!f!879K+(74!8*+,-.4+=*!P(-*=(+-7&(+,!
:\$:;!f!879K+(74!^&6=(+,!&E!F*.+07&=+,!H47*(4*9!
:\$:\$!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!

#> 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\$)\$- *VM).0\$>!H&47*-O!E&=!H&47+,! I &=J!+(A!` *9*+=4. ! / ((6+,!
%&(E*=(4*>! I +9.7(G-&(!Q>%>!^+(6+=0!"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+=0!"C!:\$" ;>!

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"X> 7)+B1C! ; D!S! 3 +AA*(!%>!PE\$88&- /&.*\$-#*3""3)% , -. %&:*M3)*; \$%. - \$73*:30.\$8*I3)0*:%, #&-%:*
&-%&). - /*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")353%&*. -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!: \$: \$>!!

!

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!: \$: \$>!!

!

2"> !E` *O*9!V>!%+=A*(+9!P>!7)+B1C! ; D!K).#/. -/*E&*/\$""*<, ""3)%-/*; \$%. -`2EY*:%, #&-%:\$-#& &5&)/. -/*:OE38\$):!%&6(47,!&(!H&47+;! I &=J!MA64+-7&(>! ; ;-.! / ((6+,!D=&G+= ' ! 3 **7(G>!! V*+A7(G!%=7-74+,%&(O*=-9+7&(9>!Q70*=-97-0!M\67-0!S!P(4,697&(>!Q7G7+,%&(E*=(4*!! e&O* ' @*=" ; B: \$! : \$: \$>!!!

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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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 N(70*=-97-O!H4 . &&, !&E!D6@,74! 8 *+,-. >! ` *-7*O*A!E=& ' !
.--K9i_)) >K6@,74 . *+,-. K&9->=&G_ =*9*+=4 . _=- . 7(J7(GB

] ,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" "<\$ \$; {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.- ' ,!