



!

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

!

<&0!=04>,5. 0?5!' @'#\$%&' (' )\$A#!. -##-'?!-#!

!C+,!1-#-'?!-#!5' !30!(0>D0,#!>?D!

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34\*/\$)!"5&)!

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C+,!S5+D0?5!S>5-#@>%5-'?!S+,10\$!-?D-%>50#!5&>5!' +,!) ,>D+>50#!>,0!)0?0,>((!#>5-#@0DB!<&0!D>5>!#' +,%0#!  
)0?0,>50D!D+,-?)!' +,!%+,,-%+(+ . !,01-02!6%+,,-%+(+ . !. >44-?)E!@%+(5\$!#+,10\$E!#5+D0?5!#>5-#@>%5-'?!  
#+,10\$E!CWGQ\_SS`!D>5>;!20,0!,01-020D!>5!=04>,5. 0?5!] 005-?)#!-?!X-?50,!789: B!<&#!,01-02!,010>(0D!>!  
?+. 30,! @>,0>#!-?!2&-%&!%&>?)0#!5' !' +,!+?D0,) ,>D+>50!4,' ) ,>. !%' +(D!-. 4, ' 10!' +,!4,' ) ,>. !>?D!  
30550,! 005!' +,!'' , ) ,>. !Y0>,(?!)!C+5%' . 0!' 300%5-10#B!<' 2>,D!5&#!0?DE!4' 50?5->(IG%5-' ?!'(>?!-50. #!  
20,0!)0?0,>50D!>?D!#+3. -550D!3\$!#. >(!,! ' +4#!' @' +,!\*+,,-%+(+ . !/01-02!<0>. !6-BOBE!@%+(5\$;!D+,-?)!5&0!  
] >\$!789: !/05,0>5B!<&0#0!-50. #!20,0!%' ((>50DE!D-#5,-3+50DE!>?D!,01-#0D!

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<'# ( !SMWDO?5-@!2&-%&!''YC#!' +,!(>3!%' +,#0#!#&' +(D!&0(4!#5+D0?5#!>%&-010E!5&0?! ,01-02!5&0!(>3!%' +,#0!  
D0#-)?>5-' ?!-?!(-) &5!' @5&' #0!''YC!)' >(#E!>?D!,01-#0!' +,#+#0!' @(>3!%' +,#0#!>%%' ,D-?)(\$B!  
6%'5\*)%1#M<&-#!-50. !2>#!0?D' ,#0D!-?!5&0!789U!F>%+(5\$!S+,10\$B!] >0' ,#!>,0!,0\+,-,0D!5' !%' . 4(050!7!&>(@  
' +,#0#!2-5&!>!(>3!D0#-)?>5-' ?!5' 2>,D!5&0-,!D0),00#!3+5!-#!?' 5!%(0>,!2&>5!20!>,0!5,\$-?)!5' !>%&-010!

"#\$%&' ( )\$



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<'#( !GIM\*,0>50!>12' ,[-?!) , ' +4!5' !,0#0>,%&!D010(' 4E!>?D!#&>,0!. 05&' D#15' !4, ' . ' 50!5&-#!''YC!0>,-(0,!>?D!. ' ,0!0@0%5-10(\$!60B) BE!>13(' % [!200[!%' +,#0!2-5&!5+5' ,->(#! ' ?!dX , -5-?)!-?!''#\$\$&' ( ' )\$f;B!  
6%'5\*)%1#MG!2' ,[-?!)! , ' +4!%' +D!30!5>#[0D!2-5&!3' ' 5#5,>44-?)!' +, !>3-(-5\$!5' !>%&-010!5&-#!''YC!  
?5( #15) #a!S&' ,50,150,.. !6b0>,#!917;B!

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<'#( !GIM\*,0>50!>!=04>,5. 0?5>(14' (-%\$!,0\+,-?)!2,-550?!%' . . +?-%>5-' ?E!>?D!-?#5,+%5-' ?!>?D!  
>##0#.#. 0?5!' @2,-550?!%' . . +?-%>5-' ?E!>5!5&0!H88!(010(B!  
6%'5\*)%1#M<&-#!-50. !2>#!0?D' ,#0D!-?!5&0!789U!F>%+(5\$!S+,10\$B!F' ,. >(^-?)!' +,!%' . . -5. 0?5!5' !5&-#!''YC!  
2-((!0?#+,0!5&>5!<G!#+44' ,5!-#!D0D-%>50D!>5!5&0!H88!(010(!5' !&0(4-?)!#5+D0?5#!>%&-010!5&-#!''YC!>5!>!  
d%' . 4050?%\$f!(010(!30@' ,0!5&0\$!5>[0!U88!(010(!%' +,#0#!5&>5!>-. !>5!>?!d>D1>?%ODf!(010(B!  
?5( #15) #a!S&' ,50,150,.. !6b0>,#!917;B!

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8%\$1(5+66703&\$\*3+0(

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>7#&%&/05) 2!<-4#M C+,!%+,,-%+(+. !&0>5!. >4!,010>(0D!5&>5!20!0J40%5!#5+D0?5#!5' !>%&-010!>?!d>D1>?%ODf!  
(010(!%' 10,>)0!' @5&-#!''YC!>5!5&0!U88!(010(!13+5!20

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<'#( !NHMS&>,0!-D0>#!'@ ,!-?' ,4' ,>5-?)!50>. 2' , [E!-?%(+D-?)!-5#!-?#5,+%5-' ?!>?D!>##0##. 0?5E!>5!3' 5&!5&0!  
H88!>?D!U88!(010(E!2&0,0!>44, ' 4,->50B!  
6%'5\*)%1#MS&>,-?)!-D0>#!%' +(D!3' ' 5#5,>4!'+, !>3-(-5\$!5' !>%&-010!5&#!''YC!>5!5&0!H88!>?D!U88!(010(B!  
?5( #15)#a!S&' ,50,150,. !6b0>,#!917;B!

(  
!U!'' # ( \* ) - '&% '#!5)+\*& ( %'5\*)!15' #&%/ . !  
!

<'#( !NDM=-#%+##!. 0>?#!' @>%&-01-?)!) ,0>50,!%' 10,>)0!' @5&#!''YCB!  
6%'5\*)%1#M=0#4-50!)' ' D!%' 10,>)0!' @5&#!''YCE!>5!5&0!] >\$!,05,0>5!5&0!@%+(5\$!?' 50D!5&>5!. >?\$!#5+D0?5#!  
(>[%!#+@%-0?5!-?@' ,. >5-' ?!(-50,>%\$E!4>,5-%+(>,\$!0>,\$!-?!5&0!4, ' ) ,>. B!X0!%' +(D!%' ?#+(5!2-5&!' +, !#+300%5!  
>,0>!(-3,>,->?!@' ,!,0#' +,%0#!20!%' +(D!#&>,0!2-5&!' +, !#5+D0?5#B!X0!%' +(D!>('#' !%' ?#-D0,!%,0>5-?)!>!3(' % [!  
200[!%' +,#0!5' !&0(4!#5+D0?5#!>%&-010!) ,0>50,!-?'@' ,. >5-' ?>!( (-50,>%\$!60B)BE!2&>5!%' ?#5-5+50#!>!) ' ' D!  
#' +,%0E!&' 2!5' !4, ' %0##!-?@' ,. >5-' ?E!&' 2!5' !@?D!-?@' ,. >5-' ?E!&' 2!5' !+#0!D>5>3>#0#!>?D!#0>,%&!0?) -?0#;B!  
?5( #15)#a!Y' ?)0,150,. !6b0>,#!H! : ;B!

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