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

+ !, -*. /0!2**%#. 3!!

' -(450*!(\$!%&*!6(07!(\$!%&*!'"#\$%&! ' ()) #%%* *!850#. 3!%&*!) /#. !9/0%!(\$!4*: *. %1;
4#<%&!4*44#(. !(\$!%&*!=* . *0/-!>44*) ?-1!

@A!B*C*) ?*0!@D@@!E!F9) !!

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G%/%) * . %!(?!*!8*#-: *0*8!?!1' (5. 4*--(0!H&#/3(!, (33#(!, !85/!(. !?*&/-\$!(\$!%&*!
8*- *3/%#(. !(\$!J0/K#!!

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LLLL!

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20!' &/#0M

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J0/K#!/#3. 4!#%4*-\$!6#%&!%&*!4%/%) * . %!8*#-: *0*8!?!1!%&*!8#4#/. 35#4&*8!
0*90*4* . %/#: *!(\$!=5#. */M(. !?*&/-\$!(\$!=;FF!/. 8!' &#. /N!

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>%&*!(5%4*%M-*%) *!%&/ . 7!0(50!P<C*--*. C1!/. 8!%&*!J50*/5!2*) ?*04!\$(0!
1(50!(5%4%/ . 8#. 3!6(07!#. !35#8#. 3!%&*!' ()) #%%* *!(!%&*!9(4#/#: *! / . 8!%#) *-1!
(5%C () *!6*/0*!&*0*!6#%. *44#. 3!%(8/1N!Q*!/-4(!7. (6!%!6(5-8!. (%&/: *!?* * . !
9(44#?-*!6#%&(5%!%&*!/?-*!/. 8!C(. 4%/ . %!4599(0%\$0 () !%&*!4*CO*/0#/%!(\$!%&*!'#\$%&!'
' ()) #%%* *M 6&(4*!4%/\$\$!) *) ?*04!&/: *!/3/#. !4&(6. !%&*#0!545/-!C ()) #%) * . %!
/ . 8!6(07!*%&#C4N!R!%&/ . 7!20N!S#(. -*!J*00#83*!/. 8!!%*/) N!R!6(5-8!\$#. /--1!-#7*!%(!
/C7. (6-*83*!/. 8!%&/ . 7!%&*!6(07!(\$!%&*!>' >JT!/. 8!%&*!#. :/-5/?-*!%*C&. #C/-!
/8: #C*!#%!90(:#8*4!%(!%&*!2*) ?*04	M / . 8!/-4(!%&/%!(\$!%&*!G*CO*/01;=* . *0/-!
%&0(53&!%&*!UJ#3!G*CO*/0#/%M/4!6*!4/1!#. !%&*!'#\$%&! ' ()) #%%* *N!

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H&*! ' ()) #%%* *! 0*/C&*8! 4*: *0/-! C05C#/-! 8*C#4#(. 4! #. ! %! 4*44#(. M
#) 90(:# . 3! %&*! \$5. C%#(. #. 3! (\$! %&*! W03/. #K/%#(. ! / . 8M) (4%#) 9(0%/ . %!(\$! /--M
90(:#8#. 3!#%!6#%&!%&*!0*4(50C*4!. **8*8!\$(0!%&*!#) 9-*) * . %/#(. !(\$!%&*!) / . 8/%*4!
6*! * . %054%! %! 6#%&N!R. !%&*! *<*0C#4*! (\$! ?5#8#. 3!C(. 4* . 454!\$(0!%&*!J583*%M %&*!
' ()) #%%* *!#8* . %\$#*8!/0*/4!6&*0*!0*4(50C*!0*85C%#(. 4!C(5-8!?!/99-#*8!#. ! /!
0/%#(. /-!) / . . *0M * . 450#. 3! %&/%! %&*! W03/. #K/%#(. !C/ . !8*#-: *0!) / . 8/%*4!) (0*!
\$#C# . %1M / . 8! 6*! /0*! 3-/8! %(! &/: *! /: (#8*8! %&*! 5. 4(5. 8! 90/C#C*! (\$!
#) 9-*) * . %#. 3!C5%4!\$(0!%&*!4/7*!(\$!C5%#/. 3N!H&*!#. CO*/4*!(\$!\$5. 84!/: /#/?-*!\$(0!%&*!
B*: *- (9) * . %!>CC(5. %!\$(0!%&*!4*C(. 8!1*/0!#. !/!0(6!#4!/. !#) 9(0%/ . %! /C&#*: *) * . %!
%&/%!6#-!?* . *\$#%!8*: *- (9#. 3!C(5. %0#*4N!

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R. !, 0(30/)) *!, -/. . #. 3M%&*!' ()) #%%**!30*/%-1!#) 90(: *8!%&*!\$0/) *6(07!
?1!6&#C&!0*-*: /. %!?(8#*4!(\$!%&*!=* . *0/-!>44*) ?-1!9/0%#C#9/%*!#. !%&*! ?583*/01!
90(C*44M#. !/--!#%4!9&/4*4M!Q*!&/: *!) /8*!#%C-* /0*0!%&/%/-!C()) #%%**4!4&(5-8!
9/0%#C#9/%*! /C%#: *-1!#. !%&*! 8#4C544#(. 4! 9*0%/#. #. 3!%(!%&*#0! /0*/4! (\$! * <9*0%#4*M
9/0%#C5-/0-1!6&*. !%&*!' ()) #%%**!\$(0!, 0(30/)) *!/. 8!' ((08#. /%#(. !C/.. (%!0*/C&!
C(. 4*. 454M!Q*!&/: *!/-4(13#: *. !' , ' !? *%%*0!(99(0%5. #%1!\$(0!#%4!6(07!%(!?*!C/00#*8!
(5%) (0*!C(. 4%05C%#: *-1M?1!30/. %#. 3!#%(. *!/88#%#(. /-!6**7!(\$!8*-#?*0/%#(. 4!#. !
@D@@N!!

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20!' &/#OM!

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J0/K#!9/0%#C5-/0-1!6*-C() *4!%&*!8*C#4#(. !(\$!%!' ()) #%%**!%(!) /#. %/#. !
%&*!) *%&(8(-31!(\$!#%4!4C/-*4!(\$!/44*44) * . %!/. 8!%&*!\$/C%#%&/%#%!8*C#4#(. !6/4!
/C&#*: *8!*/0-1!#. !%&*!4*44#(. !/. 8! ?1!C(. 4*. 454M!Q*! ?*#*: *!%&*!) *%&(8(-31!#4!
0(?54%M ?/4*8! (. ! (?X*C%#: *!C0#%*0#/N!R%!0*45-%4!#. !/!\$/#0/ . 8! ?/-/. C*8!414%*) !(\$!
/99(0%#(.) * . %!(\$!%&*! * <9*. 4*4!(\$!%&*!Y. #%*8!Z/%#(. 4M!2!18*-*3/%#(. !6(5-8!#7*!
%(!4%0*44!%&/%#%&*!4C/-*!(\$!/44*44) * . %!(\$!, */C*7**9#. 3!W9*0/%#(. 4!4&(5-8!. (%! ?*!
54*8! /4! /! \$#. /. C#/-!) *C&/ . #4) ! %(! #) 9*8*! %&*! 9/0%#C#9/%#(. ! (\$! 8*: *- (9#. 3!
C(5. %0#*4!/4!*-C%*8!) *) ?*04!#. !%&*!G*C50#%1!' (5. C#N!!

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"50%&*0) (0*M6*!-(7!\$(06/08!%(18#4C544#. 3!%&*!0*: #*6!(\$!%&*!C&/ . 3*4!%(!
%&*! ?583*/01!C1C-*!#. !. * <%!1*/0[4]2/#. !G*44#(. M#. C-58#. 3!(. !%&*!) /%*0!(\$!%&*!
4*\5*. C*!(\$! ?583*/01!90(C*850*4! / . 8!90/C%#C*4M!Q*!&(9*!%&/%# / . 1!8*C#4#(. !
) /8*!6#-! ?*!%&*!C(. 4*\5*. C*!(\$!%&(0(53&/ . /-14#4M/#) *8!/%!%&*! ?*4%#. %*0*4%!
(\$!%&*!W03/ . #K/%#(. N!

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