

!

C@A@S@%'#7'&\$!Z!

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, ! ! % , \$ 4 * ') & ! , ! . & . *

LG#0+35+. (!&. G!H\$+'7). 7!LG-0(!/+*+0#%\$+. (!'')0K+. 36)!_!2+&5+!HG-5&0)#. !S+3(#'&0)*+!d-305+!\'&. 3)0)#. &0!
d-305+!, -\$&. !S)76(3!\'&. 3)0)#. !(#!" #00+7+!C#5)&0!_!2#0)05&0!23456#0#74!"*)5!H. 7&7+\$+. (!

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\$ # , , !) & * + , (5 ! \$ & . *

H\$+'7). 7!>'#\$!" TeR/Z; <!j #-. 7!2+#+%0+c3!, +&0(6!P+00ZM+). 70!" #00+7+!\'&. 3)0)#. 3!&. G!/+*+0#%\$+. (&0!
\&k+5(#'+)3!12' #k+5(!P+M3)(+8!

LG#0+35+. (!A+&.). 7!A&0). 7!2' #5+33). 7!P6&(!" #*)GZ; <!A+&. 3!>#!C+. 3+!#>!C+0!20&5+!). !C#5)+(40!
L. G!F-(-'+!\'&k+5(#'4@12' #k+5(!P+M3)(+8!

A). #'')0K+G!LG#0+35+. (3!2+'3%+50)*+3!#.#. !, &' \$!d-305+!&. G!/)35)%0). +!). !(6+)'!C56##03?!B-)0G). 7!&j #-(6Z
F#5-3+G!=. G+'3(&. G). 7!#>!(6+!/+*+0#%\$+. (&0!R. >0-. 5+!#>!S+3(#'&0)*+!d-305+!

\+&56). 7!g\ -(6h?!HG-5&(#'3!&. G!C(-G+. (3!2+'3%+50)*+3!#.#. !(6+!P#0!#>!(6+!\' -(6!' # \$ \$)33)#. !). !" #0# \$M)&!
i &*)7&0). 7!,)76+'!HG-5&0)#. !). !A)0Q&-0+?!B0&50!&. G!B' #Q. !C(-G+. (!2+'3%+50)*+3@1L3!%&' (!#>!(6+!B0&50!!!!!!
&. G!X&0). #[&!H5#343(+ \$!C-%%#'(!&. G!\'&. 3)0)#.#. !, -M8!

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+ # 6 / ' \$ % & ' () . * 7 * + % + ! , . *

E"5)+*./)%&.(,*+1,! ; *A%)(,

704089!: ;!%;9!_! , +'(++ . !A@1F#' (65#\$). 78@/+*+0#%#). 7!L \$)G!" TeR/Z; <?!L!C(-G4!#>!LG#0+35+. (!A+&.). 7!
A&0). 7!L5' #33!(6+!F)'3(!j +&'!#>!(6+!2&. G+\$)5@E"5)+*., "D, /1".&(:&+% 9&(&*)::; !

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704089!: ;9!_!RG' #M#0!F@1F#' (65#\$). 78@ \6+!23456#3#5)&0!&. G!2#0)05&0! /4. &\$)53!#>!" 6)0G!&. G!j #-(6!H. (+'). 7!
&. G!HJ)(). 7!L' \$+G!F' #-%3@R. !A#+356M+'7+'!C@!_!A)00+'ZF' &>!X@1HG3@!G5\$.1\$+4.;5.%5)&("D, A&*:&2,
<(H; ". "4\$.*. ,A&)(A&:%8&("+,5+1&)(%*+1\$+4, *+1, *11)&((\$+4,8\$".&+:&. *4*\$+(%:;\$.1)&+@TJ># 'G! = .) * + ' 3) (4 ! 2 ' + 3 3 @

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" #. (#!X@2@!S+3('+%#!L@!S+556)&0!, @!704089!: ;9!_!P&. '4M!" @1F#' (65#\$). 78@gLG#0+35+. (3!S+(')M-0)*+!&. G!
S+3(#'&0)*+!T')+ . (&0)#. 3!). !S+3%#.#. 3+!(#!R. (+'7' #-%!, &' \$3!). !C56##03@!E"5)+*., "D, 9&(&*)::; , "+, /1".&(:&+:%&F,

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i +\$&.)56!C@!704089!: ;9!20+*&!L@A@!_!A)00&'G!L@H@1=. G+'!S+*)+Q8@L7+!&. G!356##0!). 3(' -5)0)#. ! \$ # G + ! & 3 !
>85(#'3!). !56)0G'+. !B!Q+00ZM+). 7!+&'04!). !(6+!" TeR/Z; <!%&. G+\$)5!!L!0#.#. 7)(-G). &0!3-' *+4!3(-G4@

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704089!: ;!19: 998@A&0). 7!A+&.). 7!#>!%+&5+?!&!3(-G4!#>!&G#0+35+. (3!). !B#7#(&!" #0# \$M)&@E"5)+*., "D, /1".&(:&+%
9&(&*)::; ! / J 1 b 8 0 !] b < Z] W U @

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704089!: ;9!_!B-(0+'!L@19: 998@\&0). 7!&4 0+35+. (3!514. 6-1338T&+%,

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704089!: ;!19: ;W8@R. ('#G-5)#!(#!(6+!C%+5)&0!R33-+?! \6+!R. (+'3+5)#!.#>!23456#0#74!&. G!, -\$&. !
S)76(3@<(H:;".4H, ^,M":\$&%#D

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2)K&. #0!2@_!704089!: ;!19: ;W0!d- . +!9]8@" #0#\$M)&!X+&' .). 7!(#!X#*+!C#55+'!L7&). @

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g" #\$. 7!#>!L7+!). !(6+!L7+!#>!" TeR/Z; <?!LG#0+35+. (3!2+'3%+50)*+3!#. !(6+!2&. G+\$)5!B!R\$%&5(3!!!!!!!!!!!!!!!!!!!!!!!!!!!!
 #. !\6+)'!X)*+3!i &()* (4!A)7-+0!" #&0()#. !i &()#. &0!" #. >+'+. 5+@ ! !!!!!!!!!!!!!9: 9:!
 g2+&5+!&. G!/+ \$#5' &54!). !(6+!i +J(!f+. +'&()#. !2'+3)G+. ()&0!S#-. G(&M0+!/)35-33)#. @L2L!L. . -&0!!!!
 " #. >+'+. 5+@P&36). 7(#. 0!/" @ ! !!!!!!!!!!!!!9: 9:!
 gS+3(#'). 7!&. G!S+5#. 5)0). 7?!2+&5+!&. G!j #- (6!L5' #33!B#'G+'3!j #- (6Zi +J!" #. >+'+. 5+?!' \$*."45\$+4,, ,,,,,,,,,,!
 , D"),' &#":)*:H@=.)*+'3(4!#>!e)'7).)&0!" 6&'0#((+3*)00+D!eL@ ! !!!!!!!!!!!!!9: ; <!
 gj #- (6!=. G+'3(&. G). 73!#>!2+&5+@!; W!"!R. (+'. &()#. &0!C4\$%#3)-\$!#. !(6+!" #. (')M-()#. 3!!
 ! #>!23456#0#74!(#!2+&5+@B#7#(x0!" #0#\$M)&@ ! !!!!!!!!!!!!!9: ; <!

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j #-(6ϕ!2&. +0!>#'!,)3%&.)5!C+'*). 7!R. 30(-)#. 3!i +(Q#'0!#>!P)35#. 3). !C-\$\$(0!/18*+:\$+4,,
9*:\$*.Na5\$%H,\$+,"5),! ".&4&(,*+1,! "#5+\$%#e)'(-&0!>#' \$&@ ! ! ! ! !!!!!!!!9:9;!

g

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=.)*+'3)(4!#>!" 6)5&7#!
, -\$&. !S)76(3!2#0)54!_!2'&5()5+!
, -\$&. !S)76(3!L5'#33!(6+!X)>+!" #-'3+!!
A+\$#'4!S+5#. 5)0)&()#. !&. G!, +&0). 7!'\ '&. 3)()#. &!d-3()5+!&3!, -\$&. !S)76(3!! !
"#. 3('-5). 7!&!C#5)+4!#>!, -\$&. !S)76(3!!L123456#0#7)5&!F'&\$+Q# '0!

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+, (-! .. ' () %/2*#) '8! , . ' &: *%) " *\$(OO#) ' &: *. ! , 8' \$! *

3*)a5&%%, V+\$8&)(%#!

! F&5-0(4!" 6&)'D!\6+!" +. (+!>#!'!2+&5+\$&0). 7!F&5-0(4!S+3+&'56!\+&\$!
! ,)3%&.)5!C+' *). 7!R. 3()(-)#! !C(++). 7!" #\$\$)((++!
! C(-G+. (!C-55+33!L5&G+\$4!!
! 2#*+'(4!S+3+&'56!R.)()&)*+!C(++). 7!" #\$\$)((++!
! F&\$)04!C(-G)+3!A). #'!C(++). 7!" #\$\$)((++!

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<"D&((\$'+*.,
L\$+'5&. !L33#5)&()#. !>#!(6+!LG*&. 5+\$+. (!#>!C5)+. 5+!C5)+. 5+!&. G!, -\$&. !S)76(3!" #&0)()#. !!!!!!!!!9: 9;Z

