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-&,%#*.\$#7 "+8\$&3+*)#,-#N, ;+3+0"0#0*#NO-0)\$**\$#0"1#0# /C!C#+ "#]"8+&,"%\$"*05# J*;1+\$3#-&,%#*.\$#
7 "+8\$&3+*)#,-#^R&03S0#0*#N+ "(,5"C##M&\$8+, ;35)#3.\$#903#0#O\$3\$0&(.#J(+\$("\$+3*0"1#Q+\$51#O\$3\$0&(.#
WO"0'\$�*#P05\$G^0^+, "05#7 "+8\$&3+*)#,-#J+" '0=,&\$#E,55\$ '\$#6+8+3+,"#,-#J(+\$("\$<#J+" '0=,&\$C###

6&C#T,3\$=.#TC#:0%R,&3S# ca><@@@# Lm>_m>@# A@#% ,3#
!33+3*0"*M&,-\$33,&#,-#4(\$0"<#]0&*.#0"1#!*% ,3=. \$&+(#J(+\$("\$3#e:\$";&\$#: &0(Sf#

6&C#:0%R,&3S#&\$(\$+8\$1#0#M.C6C#+ "# Y\$,3(+\$("\$3#-&,%# J*,")# /& , ,S#7 "+8\$&3+*)#0"1#0# /CJC#+ "#
]"8+&,"%\$"*05# Y\$,3(+\$("\$3#-&,%#*.\$#7 "+8\$&3+*)#,-# / ;--05,C##M&\$8+, ;35)#.\$#903#0#M,3*1, (* ,&05#
Q\$55,9#+"#*.\$#4(\$0"#Q&,"*+\$&#F"3*+*;*#0*#*.\$#X, ,13#U,5\$4(\$0", '&0=.(#F"3*+*;* , "C##

6&C#Q\$ "Z+0,#X0" ' ' cHL<@@@# Lm>_m>@# A@#% ,3#
!33+3*0"*M&,-\$33,&#,-#E,%=#;*\$&#J(+\$("\$#e:\$";&\$#: &0(Sf#

6&C#X0" ' '#&\$(\$+8\$1#0#M.C6C#+ "#E,%=#;*\$&#J(+\$("\$#-&,%#*.\$#7 "+8\$&3+*)#,-#F55+" ,+3#0*#E.(0' ,#0"1#0#
/CJ(C#+ "#F"- ,&%0*+,"#0"1#E,%=#;0*+,"05#J(+\$("\$#-&,%# / \$+.0" ' #7 "+8\$&3+*)<#E.+"0C#M&\$8+, ;35)#.\$#
903#0"#!==5+\$1#J(+\$("\$+3*0*#!%0[,"#0"1#0#O\$3\$0&(.#J(+\$("\$+3*0*#E&+*\$,#!F#NOR<#M05,#!5*,C##

6&C#]&#S#JC#P0"1 ,# ca><@@@# Lm>_m>@# A@#% ,3#
!33+3*0"*M&,-\$33,&#,-#/+ ,5,'+(05#J(+\$("\$3##e:\$";&\$#: &0(Sf#

6&C#P0"1 ,##&\$(\$+8\$1#0#M.C6C#+ "#]"8+&,"%\$"*05#0"1#]8,5;*, "0&)# /+,5,')#0"1#0"#WCJC#+ "# /+,5,')#
-&,%#*.\$#7 "+8\$&3+*)#,-#N, ;+3+0"0#0*#NO-0)\$**\$#0"1#0# /C!C#+ "# /+,5,' +(05#J(+\$("\$3#0"1# / ,*0")#-&,%#
E, ""\$*(+;*# E,55\$ '\$C# #M&\$8+, ;35)#.\$#903#0#M,3*1, (* ,&05# O\$3\$0&(.# Q\$55,9#0# ^0* ;&05# E0=+*05#
J+" '0=,&\$#0"1# :.\$#WO" ' & ,8\$#NOR#^0^+, "05#7 "+8\$&3+*)#,-#J+" '0=,&\$C###
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GGGGGGGGGGGGGG#

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/0/-(75373\$4(R(8&&(!4'())5'Q&7(' #&6&47!73\$4#

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W3C#V\$%=\$S\$1#OR, ;#-055#\$"&, 55%\$"*C#2+(\$M&\$3+1\$"*#6; / , +3#30+1#*.0*\$"\$&, 55%\$"*#3#(, ("*"; 055)#
% , "+*, &\$1C# ! #AH#9 \$\$\$3# , ;#<#9 \$0&\$#1 , 9"*#L t # (, % = 0&\$1#* , #503#) \$0�*# . +3#*+% \$C# : . \$#1\$015+"\$#* , #
\$"&, 55#.03#R\$\$"\$# \$"\$1\$1#-& , % #WO) #A#* , #T; "\$A#0"1#1\$015+"\$3#- , &# . , ;3+" '#0"1# , * . \$&8+(\$3#.08\$#
R\$\$"\$3+%+50&5)#01Z; 3*\$1C#O\$3 , ;&(\$3#.08\$#R\$\$"\$3. +*\$1#* , #b; +(S5)#+" (&\$03\$#* . \$7 "+8&\$3+*)D3#8+&#; 05#
=&\$3\$"\$(\$#0"1#=& , 8+1\$#011+* , "05#3*0--#3; == , &#* , #3* ; 1\$"*3C#M&\$3+1\$"*# / & , 1\$&+(S#011\$1#* . 0*# 4 6 7 #
9+55#(, ("*"; \$#* , #R\$# , = "\$#* , #3* ; 1\$"*#01%+33+ , "3#50*\$#+" , # ! ; ' ; 3*#- , &# +&3#*) \$0�"1#�"3-\$* ; 1\$"*3<
03#*#+3#\$` = \$(\$1#* . 0*#%#0") #9+55#R\$#%0S+" '#1\$(+3+ , "3#0*# . \$503*#%+" ; *\$C##

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W&C# / &015\$)#03S\$1#+*# . \$\$"; \$3*%\$0%#9+* . #0#_ t #* ; +* , "#+" (&\$03\$#9+55#(, 8\$&#* . \$%#0"10* , &)#0"1#
; "08 , +10R5\$#(, 3*3#-#"\$&, 55%\$"*#3*0)3#-50*C#2+(\$M&\$3+1\$"*#6; / , +3#30+1#*.0*#033; %+" '# , #011+* , "05#
3*0*\$#R; 1 '\$#(; <3#& . , 3\$#(, 3*3#9+55#R\$#(, 8\$&\$1#9+* . #0#-50*\$"\$&, 55%\$"*#<R; %#%0)#R\$#%#0=0(\$1#+*# . \$&\$#
0&\$#3+' '++(0"*#\$"&, 55%\$"*#1\$(5+"\$3C###

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6&C# X+55+0%3#03S\$1# . , 9#451#6 , %+" , "# (, % = 0&\$3#* , #+*3#3+3*\$&#+"3*+* ; +* , "3#+*#\$&%3# , -*&0"3-\$&#
(&\$1+*3#0"1#*\$`R , , S#(, 3*3C#W&C#J*0"3R\$&#)#30+1#*.0*#4 6 7#3# , "\$# , -#* . \$% , 3*#0-- , &10R5\$#+"3*+* ; +* , "3#
+*#* . \$#E , % , "9\$0\$`<#0"1#&\$3 , ;&(\$3#0&\$#080+50R5\$#* , # . \$5=#1\$-&0)#* . \$#(, 3*# , -#*\$`R , , S3<#3; (. #03#
 , = "\$#1 ; (0* , "#&\$3 , ;&(\$3C# : . \$7 "+8&\$3+*)#053 , #3*+55#=& , 8+1\$3#(, % = ; \$2R3#* , #* . , 3\$#3* ; 1\$"*3#9 . , #
1 , # , # . 08\$#* . \$+&# , 9"# (, % = ; \$&3#0"1# (, ("*"; 3\$#* , # "8\$3#+"#3\$&8+(\$3#* , #+*3#3* ; 1\$"*3C# : . \$7 "+8&\$3+*)#
053 , # . 03#0#3& , " '#=0&\$"\$&3 . +=#9+* . #* . \$#(, % ; ; "+*)# (, 55\$'\$#3)3*\$%#0"1# . 03#0&#+(; 50+ , "#0'&\$#\$"\$*3#
* . 0*#%0S\$#+#0#�"3-\$&G-&+\$"15)++"3*+* ; +* , "C#M&\$3+1\$"*# / & , 1\$&+(S#011\$1#* . 0*# 4 6 7 #<#Y\$, &'#\$W03 , "#
0"1#2E7# ' &01; 0*\$#0R , ; *#L@ t # , -*&0"3-\$* ; 1\$"*3&\$(\$+8+" '#- , ; &G)\$0\$'&\$3C# : . +3+3# , "\$#0&\$0#
9 . \$&\$#451#6 , %+" , "# . 03#0"0180"*0'<#- , &#R , * . #* . \$+* , "05#3* ; 1\$"*#0"1#* . , 3\$#3\$\$\$+" '#0"# , "5+"\$#
1\$'&\$3C#

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2+(\$M&\$3+1\$"*#6; / , +3#3.0&\$1#0#35+1\$#3. , 9+" '#0# (, 3*# (, % = 0&+3 , "#0% , " '#* . \$# 2+&'+'+0# = ; R5+(#
1 , (, &05#+"3*+* ; +* , "3<#3 . , 9+" '#* . 0*#4 6 7#3#* . \$% , 3*#0-- , &10R5\$C#]8\$)+"#4 6 7#&0+3\$1#* ; +* , "#R)#_ t #
0"1#* . \$# , * . \$&#+"3*+* ; +* , "3#1+1#" , *#9\$#9 , ; 51#3*+55#R\$#* . \$% , 3*#0-- , &10R5\$C#

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: . \$#O\$(* , &#+ "1+(0*\$1#* . 0*#* . &\$3#=\$0S\$&3# . 08\$#3+' "\$1# ; =#* , #3=\$0S#*9 , # , -#9 . , %#3+' "\$1# ; =#+"#
0180"(\$#0"1#9+55#.08\$# ; =#* , #* . &\$3#%+" ; *3\$# , #3=\$0S#<#0"1#* . \$#* . +1#9 . , #3+' "\$1# ; =#0-\$&#* . \$#1\$015+"\$#
0"1#9+55#.08\$# ; =#* , #*9 , %+" ; *3\$#* , #3=\$0S#C#J . \$#03S\$1#* . 0*#0(\$3=\$0S\$*0*\$#* . \$+&#"0%#0"1#
0--+5+0*+ , "#9+* . #4 6 7#R\$- , &\$#=& , 8+1+" '# (, % % "\$*3C##

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W)#"0%\$#3#J*\$# = . \$"#Y&\$+5+" '#0"1#F#(; &&\$"\$5)3\$&8\$#03#* . \$#3* ; 1\$"*#&\$=#* , #* . \$# / , 0&1# , -#2+3+* , &3C#F#0%#
(; &&\$"\$5)#0#3\$"+ , &# ; "1\$&'&01; 0*\$#3* ; 1\$"*#%0Z , &+" '#+'#E+8+5#] '+' "\$&+" 'C#F#D3# ' , 1#* , #3\$#8\$&#)R , 1)#
0"1#FD1#5+S\$#* , #* . 0"S#* . \$# / , 0&1#<#M&\$3+1\$"*# / & , 1\$&+(S#<#0"1#055#* . \$#-0(; 5*)#0"1#01%+"+3*#0* , &3# , "#* . \$#
(055#* , 10)#- , &#* . \$#3 ; == , &#*) , ; D8\$#'+8\$"\$1 ; &+" '#* . +3#*+%#<#9 . + (. # . 03#R\$\$"#8\$&#)#R\$#"+(+05C#F#S" , 9#
* . 0*# 3* ; 1\$"*3# 0&\$# . 0==)# 9+* . #* . \$# (, % ; ; "+(0* , "#0"1# &\$3 , ; &(\$3#) , ; # . 08\$# R\$\$"# =& , 8+1+" 'C#
J=\$(++(055)#9 .)#F# (. , 3\$#4 6 7#903#0-- , &10R+5+*)C#F#&(\$+8\$1#0#3(. , 50&3 . +=#-& , %#4 6 7#* . 0*# . 03#
'+8\$"#%\$#* . \$# , == , &#* ; "+*)# , #5+8\$# , "#(0% = ; 3#&0* . \$&#* . 0"# (, % ; ; *\$C# /)#R\$+" '#0R5\$#* , #5+8\$# , "#(0% = ; 3#<
+*#055 , 9\$1#%#*# , #'\$#*(, ("(\$*1#9+* . #-0(; 5*)# , * . \$* ; 1\$"*3<#0"1#'\$#+ "8 , 58\$1#3*0&+" '#0&5)#+"#%)#
-&\$3 . %#0"#)\$0&C#F#R\$5+\$8\$#* . 0*#&\$055)# . \$5=\$1#9+* . #&\$*0+"+' '#%#0*#* . \$#7 "+8&\$3+*)C#F#1\$(+1\$1#* , #3*0)#
 . \$&\$#- , 7#- , ; &#) \$0&3#0"1#R\$(0; 3\$#+*D3#R\$"\$3 , #0-- , &10R5\$#9+* . #%)#3(. , 50&3 . +=#<#F#1\$(+1\$1#* , #
(, ("*"; \$# . \$&\$#0*#4 6 7#- , &# '&01; 0*\$#3(. , , 5#- , &#%)#%03*\$&D3#+"#\$"8+& , "%\$"*05#\$"+ "\$&+" 'C#MO&#* , -#
* . 0*#3#* . \$#- ; "1+" '#* . 0*#* . \$#7 "+8&\$3+*)#=& , 8+1\$3#* . 0*#055 , 9\$1#%\$#* , # . 08\$#0"# ; "1\$&'&01; 0*\$#&\$3\$0&(. #

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,==,&*;"+"#*.0*#903#053,#=0+1C#^,*#,"5)#903#F#OR5\$#*,#\$`=5,&\$#&\$3\$0&(.<#R;*#F#053,#903#OR5\$#*,#'S*#
3,%\$#-;"1+"'#3,#F#1+1"D*#.08\$#*,#9,&&)#OR,;*#=(S+"'#;=#0"#S`*#0#Z,R#,	.0*#,*.\$,0"3#F#903#
'+"'#*,#"\$\$1C#F*#*,S*#.\$#9,&&)#,-#,-#%\$#0"1#055,9\$1#%\$#*,#-,(;3#,"#%)#0(01\$%+(3C#F#S",9*#.\$#
-,�#5,*#,-#3*;1\$"*3#9.,#0**\$"1#467#*.0*#*.0*D3#0#R+'#&\$03,"#9.)#*.\$)#0&\$#OR5\$#*,#g*#,#'\$*#&\$3\$0&(.<#
3*;1)#OR&,01#*#&+=3#g#R\$(0;3\$#,-#*.\$#-;"1+"'#*.*0*#*.\$#7"+8\$&3+*)#=#&,8+1\$3C#!11+*+, "055)<#*,#.08\$#0#
5+**5\$#R+*#,-#\$`*#&0#%,"\$)#,#.5=#%\$#*,;*0*#467<#F#903#OR5\$#*,#'S*#0"#,"G(0%=(;3#Z,RC#F#R\$5+\$8\$#467#
1,\$3#0#&\$055)#',,1#Z,R#,-#=#&,8+1+"'#*.3\$#,,=#&*;"++\$3#-,*;1\$"*3#*.0*#3,%\$##;"8\$&3+*\$3#1,#",*#<#
0"1#*.0*#055,9\$1#%\$#*,#.08\$#0#Z,R#*.0*#';0&0"*\$1#03)#0((333*#,9.\$"#F#5+8\$1#,"#(0%=(;3r#F#903#

