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

j@P

-JJ\$%-+,"C%"'?J.%\$\*OM"C,'"f<'(C\*%O>"

7PA"J-M' ("1' (+\$\*K\*0M"-"1)#2%%2"\$' (' -\$+, "f<' (C\*%0T, LJ%C, ' (\*(!"-01"%<C.\*0\*0M"-"J\$' .\*9\*0-\$L"' ?J' \$\*9' 0C-."

APF"J-M' "\$' &\*O' 1"J\$%J%(-.!"\*O+.<1\*OM"\$%&'(\$)%\*&\*O' "-JJ\$%J\$\*-C' "+\*C-C\*%O(>"I , \*("\$' 0\*(\*%O"(, %<.1"(C-\$C"C%".%%G" -".%C"9%\$' ".\*G' "-0"\*OC\$%1<+C\*%O>""

7"J-M' "J\$%J%(-."&%\$"-"C%J\*+!"\*O+.<1\*OM"-C".' -(C"C, \$' ' "J\$' .\*9\*O-\$L"+\*C-C\*%O("&\$%9"C, ' "J\$\*9-\$L".\*C' \$-C<\$' >"

K' M\*00\*0M"%&"C, ' "C' \$9>"

I, '\$'"=\*.."K'"-"O<9K'\$"%&"(C-M'("&%\$"C,'"-((\*MO9'OC!"-("&%..%=(>"30.."-((\*MO"(J'+\*&\*+"1<'"1-C'("J\$\*%\$"C%"C,'"

, ' \$' !"K<C"<(' "C, ' "\*1' -."-("-"M%-."C%"(, %%C"&%\$>"

I, '"C%J\*+"+-O"K'"-OLC, \*OM!"-O1"\*C"\*("9%(C"\*9J%\$C-OC"C, -C"\*C"K' "%&"\*OC'\$' (C"C%"L%<>"30"\$' (' -\$+, \*OM"-O1" \$' &\*O\*OM"C, '"C%J\*+"L%<"(, %<.1".%%G"&%\$"C=%"(%\$C("%&"%JJ%\$C<O\*C\*' (N"%OM%\*OM"\$' (' -\$+, "J\$%g'+C("=, ' \$' "-"O'?C" (C' J"\*O"\$' (' -\$+, "\*("&-\*\$.L"%KO\*%<(!"-O1"C%J\*+("%O"=, \*+, "C, ' \$' "\*("1\*(-M\$' ' 9' OC!"=, ' \$' "-"O'="(C<1L"9\*M, C" (, ' 1".\*M, C"%O"C, ' "1\*(-M\$' ' 9' OC>"I, ' "\*1' -."J\$%J%(-."=\*.."K' "%O'"C, -C"<(' (" ' 9J\*\$\*+-."9'C, %1("C%"9-G'" J\$%M\$' (("%O"-"(, -\$' 1"C%J\*+"%&"\*OC'\$' (C"-+\$%(("J, \*.%(%J, L"-O1"J(L+, %.%MLTO'<\$%(+\*' O+'>"

 $\begin{array}{l} I, '```&``O-."J$\%J\%(-."=``.."`O+.<1'``-O''-AQKDR>HQ@DA''+%OC-`O``OM''-"$'`O'`'="%&"C, '``J$``9-$L''.`C'`$-C<$'``C'''J$\%O'`1'``$ K-+GM\$%<O1''\*O&%\$9-C\*%O''J'\$C'O'OC''C'''L%<\$"\$'`('-\$+, "J\$%J%(-.!"-("='.."-("-("C-C'9'OC''%&"L%<\$", LJ%C, '(\*("%\$"\$'`('-\$+, "f<'(C\*%Oh'-"P ''('+C\*%O''%<C.`O`OM''C, '`1'('MO''%&"-O'''?J'\$``9'OC''C, -C''=%<.1", '.J''-O(='\$"C, '`\$'('-\$+, "f<'(C\*%Oh'-O''+VE?HQ?R&''?=>CQ=''('+C\*%O''\*O''=, \*+, "L%<"1'(+\$\*K'`'C, '`'J%((\*K.'`'%<C+%9'(''%&"L%<\$"''(C<1L''C, -C''=%<.1!''-O1''C, %('`'C, -C''=%<.1"'O'C!''(<JJ%C''L%<\$", LJ%C, '(\*(h''-O1''-'K\$\*''&"!)@=H>=@DA''('+C\*%O''\*O''=, \*+, "L%<"1'(+<((''C, '`'K\$%-1')\$''\*`9J.\*+-C\*%O(''-O1''J%C'OC'-."\*9J-+C(''%&"L%<\$"'(C<1L''

\\*O-..L!"L%<", -O' "C, ' "%JC\*%O"C%"\$' (' -\$+, "-"C%J\*+"%&"L%<\$"+, %%(\*OM"\*O"+%MO\*C\*O' "J(L+, %.%MLT+%MO\*C\*O' " O' <\$%(+\*' O+' !"-O1"J\$%J%(' "-"(C<1L"C%"-11\$' (("(%9' "%J' O"f<' (C\*%O"\*O"C, ' "-\$' -"%&"L%<\$"\$' (' -\$+, >""I, ' " J\$%J%(-."(, %<.1"K' "-K%<C"@P7d"

+VE?K@U?AQSC&R?=@A&EKDED=SC&

 $\begin{aligned} \mathsf{KL}^{\mathsf{n}\mathsf{c}}\mathsf{C}(^{\mathsf{n}}(\mathsf{J}' + \$\&^{*} + ^{-} \circ \mathsf{G}) & (-9\mathsf{J}' - \mathsf{G}) & (-9\mathsf{$ 

## \*DU?&SRW@4?&

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## 3KSR@AI&

APJ-J' \$"%JC\*%ON"#-J' \$"7"8dk"%&"M\$-1' h"J-J' \$"A"Hdk"%&"M\$-1' "

7PJ-J' \$"%JC\*%OT' ?J' \$\*9' 0C-."1' (\*M0"J\$%J%(-.N"7ddk"%&"M\$-1' "

п

'D>K=?&\*HB?R>C?"bR5N"4'-1\*OM("(<Kg'+C"C%"+,-OM'"M\*0'O"(<&&\*+\*'OC"O%C\*+'e"

\*?E&<NL"I %<\$(' "30C\$%1<+C\*%0"

" ''?SR@AI=L"I, -M-\$1"AddYh"

. DW&<8L"5\$-\*0"\*9-M\*0M"bAe"

''?SR@AI=L"#%.1\$-+G"Ad7dh"D\$\*'M'(G%\$C'"O"D\*'0\*C"Ad7Fh"4\*+, \*'"'C"-."Ad76""

. DW&<YL") ' 9%\$L""

''?SR@AI=L""U' "5\$\*M-\$1"Ad78h"4%K\*0("Ad7Hh"5-\$\$L"o") -M<\*\$' !"Ad7Yh") %(+%0\*C+, "o"R-1' .!"Ad7Yh" 5-\$\$L"o") -M<\*\$' "\$' (J%0(' !"Ad7Y"

. DW&6; L") %1<.-\$\*CL"0"a0%.<C\*%0"

" ''?SR@AI=L"\%1%\$"7Y@:h"#\$\*Oq"AddHh"5-\$\$'CC"o"D<\$qK-,0"AddHh"/01'\$(%0"o"\\*0.-L"Ad78"

! ?H&<\"#\$' 1\*+C\*O' "+%1\*OM""

''?SR@AI=L&2\*' (' "0") 'Cq\*OM' \$"Ad7Hh"I .-\$G!"Ad7F"-01"+%99'0C-\$Lh"r%0' ("0"S%0' !"Ad77"-01" +%99'0C-\$L"&

! ?H&ZL"I , ' "&<C<\$' "%&"9\*01"-01"K\$-\*0"

''?SR@A1=L"R<0' q"' C"-.>!"Ad7Yh"5%%0' "o"#\*++\*0\*0\*!"Ad7Hh"D\$-G-<' \$"' C"-.>!"Ad76h"a.K' \$PU%\$%qG%!"S>!"o" B, -M\$\*\$!"W>!"Ad7Y""

!?H&<ZN"\\*O-."J-J'\$"1<'"

&

0@[C@DIKSEBF

5-\$\$L!"U>"R>!"O") -M<\*\$' !"a>"/>"bAd7Ye>"I %0(%.\*1-C\*OM"C, ' "I - (' "&%\$"I\$-0(\*' 0C"S\*JJ%+-9J-.") ' 9%\$L"I\$-+' (>" \*-(. <)&I. &> ''8.1%7(&)>1(. >()!"AFb@e!"HF: PHFH>"

 $5-L0' !"I > !"S\%, = L!"r>!"O"W = '0!"/>") > !"bAd7H-e>"/$'"C, '$'".'0'.("%&"+%O(+*%<(0'((_"*-(.<)&I.&3''8.1%)?(&I>1(.>(J'K6bHe!"8d:P$ 

\%1%\$!"r>/>"bAdd@e>") %1<.-\$\*CL"%&"9\*01N"/0"' ((-L"\*0"&-+<.CL"J(L+, %.%ML>"30N"r>a>"/1.' \$"0"S"r"4\*J(!"b' 1(e>" ; (\$)''. 1. 89&1%#<1()&''/&+#4\$. &1./(-(.>(&\$.<&1%)&/''#.<\$%1''.)A&I -9K\$\*1M' N"I -9K\$\*1M' "^0\*0' \$(\*CL"#\$' ((>"JJ>" @6@PY78>"""

S-((%0!"^>!"|, '0!"r>!"O"S%0'L!"|>"r>"bAd7:e>"S\*'\$-\$+, \*+-."J\$%+'(("9'9%\$LN"9'9%\$L"-("-0"\*0C'M\$-." +%9J%0'0C"%&\*\*0&%\$9-C\*%0"J\$%+'((\*0M>"\*-(.<)&1. &> ''8.1%?(&)>1(.>()!"5LbHe!"Fd8PF7F>"

\$%, =L!"r>"bAd7He>"\$%="C%"' OC\$-\*0"L%<\$"' 0\*."1' 9%0>"30"0+1''')''2+!&\$. <&O-(<1>%?(&O-''>())1. 8>") 3RU"V\$%<J!" \\$-OG&<\$C"-9") -\*0>"

s%\$(C!"B>"bAd7He>"

#%.1\$-+G!"4>"/>"bAd7de>") -JJ\*OM"9'0C-."&<0+C\*%0"C%"K\$-\*O"(C\$<+C<\$'N", %="+-0"+%M0\*C\*0'"0'<\$%\*9-M\*OM" (<++''1\_"0(-)2(>%?()&''.&0)!>+''''81>\$'&I>1(.>(!""