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- P 4'60!-'&0!750\$!('6+\$%!*'/(#/,>!+H'1,>!#&!#(50&!0*0-(&#\$+-!(##*,!(#!(50!-*+\$+-'*!,+(0:!!450!-*+\$+-'*!, \dagger \) (1.50!-*+\$+-'*!, \dagger \) (2!1'. '%0!#&!/&#/0&(2!*#,,:!!I#!\$#(!\dagger \) (1.50!-*+\$+-'*!, \dagger \) (2!1'. '%0!#&!/&#/0&(2!*#,,:!!I#!\$#(!\dagger \) (1.50!-*+\$+-'*!, \dagger \) (2!1'. '%0!#&!/&#/0&(2!*#,,:!!I#!\$#(!\dagger \) (1.50!-*+\$+-'*!, \dagger \) (1.50!-*+**+-'*!, \dagger \) (1.50!-*+**+-'*!, \dagger \) (1.50!-*+**+-'*!, \dagger \) (1.50!-*+**+-'*!, \dagger \) (1.50!-*+*+-'*!, \d
- P H'&6!+\$!70**=*+(!'&0',!'\$1!1#!\$#(!7'*6!'*#\$0!(#T<&#.!/'&6+\$%!'&0',!'(!\$+%5(:!L,0!5#,/+('*!#&!-*+\$+-!,0-)&+(2!<#&!'\$!0,-#&(!',!\$0-0,,'&2:!

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A(!(50!1+,-&0(+#\$!#<!(50!HA!"*+\$+-'*!40'.!'\$1!#(50&!/&#%&'.!<'-)*(2>!'!,+(0!8+,+(!0,-501)*01!#&!)) \$,-501)*01R!. '2!90!/0&<+&.01!7+(5!(50!,())10\$(!'\$1T#&!(50!-*+\$+-'*!/&0-0/(#&!(#!1+,-),,!/&#%&0,,+#\$!'\$1!#(50&!+,,)0,!&0*'(01!(#!(50!,())10\$(!-*+\$+-'*!0?/0&+0\$-0!'\$1!/0&<+&.'\$-0:!I)&+\$%!(50!,+(0!8+,+(>!(50!<,-)*(2!..'2!5'80!(50!,())10\$(,!%+80!'\$!#&'*!/&0,0\$('(+#\$!#\$!'!/'(+0\$(!0\$-#)\$(0&)!/&0,0\$(!&0-0\$(!1#-).0\$('(+#\$!#<!'/(+0\$(!-'&0)!'\$1T#&!08'*)'(0!(50!,())10\$(,!/0&<+&.'\$-0!+\$(0&'-(+\$%!7+(5!/'(+0\$(,:!450!,+(0!8+,+(!7+**!\$#(!90!))1.*(**(1.50!,*(1.50!,*(1.50!,*)10.*(**))1.*(**(1.50!,*(1.50!,*(1.50!,*)10.*(**))1.*(**(1.50!,*(1.50!,*(1.50!,*(1.50!,*)10.*(**))1.*(**(1.50!,*(

A\$2!#<!(50!<#**#7+\$%!,+()'(+#\$,!.'2!/&#./(!'!,+(0!8+,+(!92!(50!HA!<'-)*(2!(#!(50!-*+\$+-'*!,+(00!!!

- 450!/&0-0/(#&!-'**,!(#!0?/&0,,!'!-#\$-0&\$!&0%'&1+\$%!,()10\$(!/0&<#&.'\$-0!!!
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- 450!,()10\$(!+,!#\$!'-'10.+-!/	'(+#\$!#\!#9,0\&8'(+#\$!!
- 450! "*+\$+-'*!40'. !&0-#. . .0\$1,!'!&08+07!#<!'!,+(0!'\$1\text{#\delta}!/\delta0-0/(#\delta!!

! "#\$#!%"&@(%?&%++#>\$) (\$'+&%\$9&+!5(&?(HA#?())(\$'+&

- P **4 I 47H4?** (!0\$-#)\$(0&,!&0*'(01!(#!'!.01+-'*!-#\$1+(+#\$!&0D)+&+\$%!+..01+'(0!+\$(0&80\$(+#\$!\0:%:>!,(<)!\&0,/+\&'(#\&2!1+,(\&0,\):',(5.'!0?'-0\&9'(+#\\$)!-50,(!/'+\\$)!GF\!'//0\\$1+-+(+,R!
- P "74J4? (>(BJ4!0\$-#)\$(0&,!&0*'(01!(#!/&#.#(+\$%!50'*(5!'\$1!&01)-+\$%!1+,0',0!Q0:%:>! +...)\$+C'(+#\$,!q'1)*(!'\$1!/01+'(&+-r>!70**=-5+*1!-50-6>!-#*#\$#,-#/2>!70**=7#.'\$!0?'..,>!/'/! ,.0'&,>!'\$\$)'*!/52,+-'*!0?'..,>!9&0',(!0?'..,>!,/#&(,!/52,+-'*,R!
- P K4D>JB97>E! I 4FBCB? 4!0\$-#)\$(0&,!
- P B?"> (B4? (! I 4FBCB? 4!0\$-#)\$(0&,!)
- P 9G(">(B4?(!0\$-#)\$(0\&,!
- P "7459"47>(BJ4!0\$-#)\$(0&.!
- P B? (7>59"47>(BJ4!0\$-#)\$(0%,!)
- P "9/(59"47>(BJ 4!0\$-#)\$(0\&\tau,!
- P "74?>(>E!0\$-#)\$(0&,

+!5(&>?%9#\$>&!?#'(?#%&&

!F\$!#&10&!(#!&0-0+80!'!/',,+\$%!%&'10!<#&!0'-5!K"HB!(50!,()10\$(!.),(!'-5+080!(50!<#**#7+\$%0!!!

- ^: A!-# . /#,+(0!,-#&0!#<!`:b!#&!'9#80!+\$!'**!-'(0%#&+0,!Q#\$!'!h:b!%&'1+\$%!,-'*0R!#\$!(50!K"HB!M+\$'*! H&0-0/(#&!B8'*)'(+#\$!#<!K()10\$(:!
- _: A!/', +\$%!% 10!#\$!(50!B[U!0?'.+\$'(+#\$!Q-#&0!&#('(+#\$,R!#&!',0,,...0\$(!-#../#\$0\$(!Q0*0-(+80!&#('(+#\$,R!',!#)(*+\$01!+\$!(50!-#)&,0!,2**'9),:!!
- `: 4+.0*2!'\$1!'--)&'(0!,)9.+,,+#\$!#<!'**!K"HB!-#)&,0!&0D)+&0.0\$(,!',!#)(*+\$01!+\$!-#)&,0!,2**'9+:!!

 K"HB!-#)&,0!&0D)+&0.0\$(,!+\$-*)100!K"HB!"50-6!F\$!K500(>!K"HB!K[AH!"',0!J&+(0!L/>!Bcd'*)0!

 "',0!'\$1!H&#-01)&0!Z#%%+\$%>!'\$1!K"HB!K()10\$(!B8'*)'(+#\$!#<!H&0-0/(#&!'\$1!K+(0:!

Z'(0!'\$17#&!+\$-#./\$0(0!K"HB!-#)&,0!,)9.+,,+#\$!&0D)+&0.0\$(,!'&0!-#\$,+10&01!)\$/&#<0,,+#\$'*:!K()10\$(,!75#!'&0!\$#\$-#./*+'\$(!7+**!5'80!(7#!#/#&()\$+(+0,!(#!+./P!(50+&!/0&#&.'\$-0:!!

%!N\$* I ''(9>) (\$'\dark*B\dark'M(\dark9?A>6\%''!*M*''\dark%LA+(\darkL\dark!N>?*A\$9\dark'!N+\dark\dark*9\darkM(\dark'''M\dark?())(\$'+\dark5*''#!@\dark*

F!50&092!'-6\$#7*01%0!(5'(!F!5'80!&0'1!(50!I#.+\$+-'\$!L\$+80&,+(2!/#*+-2!%#80&\$+\$%!(50!),0!'\$1\text{T#&!'9},0!#<! 1&)%,!'\$1!'*-#5#*!'\$1!(50!/#,,+9*0!/0\$'*(+0,!<#&!8+#*'(+#\$!#<!(5'(!/#*+-2:!!

 $F!) \$10\&, ('\$1!(50!/)\&/\#, 0!\#<!(50!/\#*+-2!+,!(\#!/\&\#8+10!'!, '<0!7\#\&6+\$\%!0\$8+\&\#\$. 0\$(!<\#\&!/0\&,\#\$,!Q/'(+0\$(,>!,0)) 10\$(,!'\$1!5\#,/+('*!'\$1!,-5\#\#*!,('<<\R!'\$1!/\&\#/0\&(2:!A--\#\&1+\$\%^2>!F!)\$10\&, ('\$1!(5'(!/\&\#\&!(\#!/'\&(+-+/'(+\#\$!+1))) 10\&(!)) 10\&(!\$1!(5'(!/\&\#\&!(\#!/'\&(+-+/'(+\#\$!+1))) 10\&(!/\#!)) 10\&(!/\#!) 10&(!/\#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/#!) 10&(!/$

 $F!50\&092!\&0^*0',0!1\#.+\$+-'\$!L\$+80\&,+(2!\#<!'''*+<\#\&\$+'!<\&\#.!'\$2!-*'+.,!\#\&!*+'9+*+(2!'\&+,+\$\%!<\&\#.!,)-5!(0,(,>!+\$-*)1+\$\%>!9)(!\$\#(!*+.+(01!(\#>!(50!(0,(+\$\%!/\&\#-01)\&0>!(50!'\$'*2,+,>!(50!'--)\&'-2!\#<!(50!'\$'*2,+,>!\#\&!(50!'+,-*\#,)\&0!\#<!(50!\&0,)*(,:!!)$

450!H52,+-+'\$!A,,+,('\$(!10/'&(.0\$(!&0D)+&0,!(5'(!,()10\$(,!5'80!'!-*0'&!-&+.+\$'*!9'-6%&#)\$1!-50-6!/&+#&! (#!(50!,('&(!#<!(50!-*+\$+-'*!20'&:!F!)\$10&,('\$1!(5'(!'!<0*#\$2!-#\$8+-(+#\$!.'2!'<<0-(!.2!'9+*+(2!(#!-#\$(+\$)0!+\$! (50!HA!H&#%&'.!#&!'(('+\$!,('(0!*+-0\$,)&0:!!

F\$!'11+(+#\$>!,()10\$(,!.),(!.00(!(50!<#**#7+\$%!50'*(5!&0D)+&0.0\$(,!+\$!(50!,0-#\$1!20'&!'\$1!902#\$10!
-#\$(+\$)#),!50'*(5!+\$,)&'\$-0!-#80&'%0>!'\$\$)'*!50'*(5!0?'.+\$'(+#\$,>!08+10\$-0!#<!"HU!'\$1!A"ZK!
-0&(+<+-'(+#\$,>!08+10\$-0!#<!,0*0-(01!+...)\$+C'(+#\$,!'\$1!(+(0&,>!'\$1!()90&-)*#,+,!9*##1!'\$1!,6+\$!(0,(,!/&+#&!(#!(50+&!<+&,(!-*+\$+-'*!&#('(+#\$:!A**!&0D)+&01!1#-).0\$(,!.),(!90!,)9.+((01!'\$1]#&!)/1'(01!'\$\$)'**2!(#!"',(*0N&'\$-5:-#.:!!

"# . .) \$+(2!,+(0,! . '2!&0D)+&0!(5'(!(50!,())10\$(! . 00(!'11+(+#\$'*!50'*(5!&0D)+&0 . 0\$(,:!A\$2!-#,(,!7+**!90!(50! &0,/#\$,+9+*+(2!#<!(50!,())10\$(:!"# . /*+'\$-0!+,!+ . /#&('\$(>!<#&!,080&'*!&0',#\$,0!(#!/&#(0-(!(50!,())10\$(!<&# . !-# . .)\$+-'9*0!1+,0',0,>!(#!/&#(0-(!-*+0\$(,!7+(5!75# . !(50!,())10\$(!7+**!90!7#&6+\$%!<&# . !-# . .)\$+-'9*0!1+,0',0,>!<#&!\%##1!/0&,#\$'*!/&080\$('(+80! . 01+-+\$0!/&'-(+-0!'\$1!(#!-# . /*2!7+(5!50'*(5!&0\))*'(+#\$,!#<! . #,(!50'*(5!-'&0!<'-+*+(+0,:!!

 $\begin{array}{l} \csc(M'+^*)\&0(\#) \cdot 00((50!'9\#80!\&0D)+\&0 \cdot 0\$(,!'\$1!,)9 \cdot +(!-\# \cdot /^*0(0!1\#-) \cdot 0\$('(\#\$!',!\&0D)0,(01! \cdot '2!10*'2!\#\&!/\&080\$(!,()10\$(,!\&\# \cdot !/'\&(+-+/'(\#\$!+\$!(50!-^*+\$+-'*!20'\&!'\$1!\#(50\&!-^*+\$+-'*!\&0D)+\&0 \cdot 0\$(,!\#<!(50!/\&\#\%\&' \cdot !)1\#(50!/\&\#\%\&' \cdot !)2!10*'2!\#\&!/\&080\$(!,()10\$(,!\&\# \cdot !/'\&(+-+/'(\#\$!+\$!(50!-^*+\$+-'*!20'\&!'\$1!\#(50\&!-^*+\$+-'*!\&0D)+\&0 \cdot 0\$(,!\#<!(50!/\&\#\%\&' \cdot !)2!10*'2!\#\&!/\&080\$(!,()10\$(,!\&\# \cdot !/'\&(+-+/'(\#\$!+\$!(50!-^*+\$+-'*!20'\&!'\$1!\#(50\&!-^*+\$+-'*!\&0D)+\&0 \cdot 0\$(,!\#<!(50!/\&\#\%\&' \cdot !)2!10*'2!\#\%\&' \cdot 1. \\ \end{array}$

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