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! ''#\$%&'!! ()*+,! !

\$%&'!! "#\$%&'(!)*+',-!.#/!0&'%1.#,%!)&*,%/2&%3!*#!4*#56'3,&'('#.\$'*#7!

$FN! ": DFA^{!EB} - B = V = (B!? (!= _Z - D!? ""? 7BZ (FB^{!}) (? (IJFEA7FVF (-BF? (!!!!))))))$
!!!!E = YIC - E = J!K - 7 - EEV = (B! - (J!E = YZ - D!LF?D = (A = !)

. - N E/)/+ * +</!#<!=G5)\$!?::#2/5<%/'! ! ! ! ! ! ! ! ! ! !

,*#\$&.,\$*&37!.#/!1'3'\$*&3!.#/!`V',V!*,,2&3!2#/%&!N%&,-!]#'1%&3'\$-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-!'#!\$V%!]#'\$%/!8\$.\$%3L"!!

A*&!3%9!/'3,&'('#.\$'*#!(.\$\$%&3!3?%,'M',.++-!.//&%33%/!O-!M%/%&.+!Y'\$+%!"Z!&%@2+.\$'*#3B!!

- YV%!, *#/2, \$!.++%@%/!*,,2&&%/!*#!*&!.M\$%&!H2@23\$!F7!CDCEP!
- YV%!, *#/2, \$!. ++%@%/!*, ,2&&%/!'#!\$V%!]#'\$%/!8\$.\$%3P!
- YV%!, *#/2, \$!.++%@%/!*,,2&&%/!'#!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-P!.#/!!
- YV%!, *#/2, \$!.++%@%/7!'M!\$&2%7!`*2+/!, *#3\$'\$2\$%!8%95:.3%/!;.&.33(%#\$!.3!/%M'#%/!'#!\$V'3!)*+', -L!

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I*#/2,\$!\$V.\$!*,,2&3!2#/%&!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-!'#,+2/%3!02\$!'3!#*\$!+'('\$%/!\$*!,*#/2,\$!\$V.\$!*,,2&3!'#!.!02'+/'#@!*`#%/!*&!,*#\$&*++%/!0-!.!3\$2/%#\$!*&@.#'f.\$'*#!\$V.\$!'3!*MM','.++-! &%,*@#'f%/!0-!N%&,-7!.#/!,*#/2,\$!\$V.\$!'3!320k%,\$!\$*!N%&,-\3!/'3,'?+'#.&-!.2\$V*&'\$-!2#/%&!N%&,-\3! 8\$2/%#\$!I*/%!*M!I*#/2,\$L!!

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"M! .++!*M!\$V%!%+% (%#\$3!*M!k2&'3/',\$'*#!.&%! (%\$7! N%&, -!` '++!'#1%3\$'@.\$%!\$V%!.++%@.\$'*#3!.,,*&/'#@!\$*!
\$V'3!)*+', -!.3!.??&*?&'.\$%7!2#+%33!'#N*& (.+!&%3*+2\$'*#!'3!?2&32%/!*&!'M!\$V%&%!.&%!@&*2#/3M*&!/'3 ('33.+!
M!\$V%!, (?+.'#\$L!!

c '\$V'#!\$V'3!)*+',-7!\$`*!3%?.&.\$%!@&'%1.#,%!?&*,%/2&%3!?&*1'/%!M*&!.//&%33'#@B!!

QFR! 8%950.3%/! V.&.33 (%#\$! .#/! 3%92.+! 1'*+%#,%! &%+.\$'#@! \$*! 3\$2/%#\$3! >%3?*#/%#\$3! .#/! I*(?+.'#.#\$37!3*!.3!\$*!.+'@#!`'\$V!M%/%&.+!Y'\$+%!

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- KL *!*++,(*''-*./*(%.#!.#!!#/'1'/2.+!`V*!V.3!320('\$\$%/!?.&\$!*&!.+!*M!.#!.??+',.\$'*#!\$*!.\$\$%#/!.#! S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-!*?%&.\$%/!O-!N%&,-!]#'1%&3'\$-L!! !
- EL *01\$.-*&%2*! (%.#3!.!?%&3*#!`V*!*O3%&1%3!.!,&'(%7!'(?%#/'#@!,&'(%7!,*#M+',\$7!?*\$%#\$'.++-! 1'*+%#\$!*&!1'*+%#\$!O%V.1'*&7!*&!,*#/2,\$!\$V.\$!'3!'#!1'*+.\$'*#!*M!\$V%!&2+%3!*&!?*+','%3!*M!.#! '#3\$'\$2\$'*#L!
- GL 3)&%/)4/")*&#".!(%.#3!\$V%!`&'\$\$%#!?*+','%3!./*?\$%/!O-!N%&,-!@*1%&#'#@!3\$2/%#\$!O%V.1'*&7! &'@V\$37!.#/!&%3?*#3'O'+'\$'%3!`V'+%!32,V!3\$2/%#\$!'3!(.\$&',2+.\$%/!.\$!N%&,-!]#'1%&3'\$-L!YV%! I*/%!*M!I*#/2,\$!,.#!O%!M*2#/!<u>V%&%L</u>! /
- WL **3**)*.2-''.)2\$!M*&!\$V%!?2&?*3%3!*M!\$V'3!)*+',-!(%.#3!,*#\$&.,\$*&37!320,*#\$&.,\$*&37!1%#/*&37!

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\$V%!>%3?*#/%#\$!\$V.\$!'3!*MM%&%/!\$*!?&*1%!,*#3%#\$!\$*!\$V%!.++%@%/!3%950.3%/!V.&.33(%#\$L!
YV%! M.,\$! *M! ?&'*&!,*#3%#32.+! 3%92.+!,*#/2,\$! O%\$`%%#! \$V%! I*(?+.'#.#\$!.#/!
>%3?*#/%#\$!/*%3!#*\$!O-!'\$3%+M!/%(*#3\$&.\$%!*&!'(?+-!\$V%!I*(?+.'#.#\$\3!,*#3%#\$!\$*!
\$V%! .++%@%/! 3%950.3%/! V.&.33(%#\$! *&! ?&%,+2/%! /%\$%&('#.\$'*#! \$V.\$! 3%950.3%/!
V.&.33(%#\$!*, 2&&%/L!

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- .L!!!)&%@#.#,-7!,V'+/O'&\$V7!\$%&('#.\$'*#!*M!?&%@#.#,-7!*&!+.,\$.\$'*#P!
- OL!! N%/',.+!,*#/'\$'*#3!&%+.\$%/!\$*!?&%@#.#,-7!,V'+/O'&\$V7!\$%&('#.\$'*#!*M!?&%@#.#,-7!*&! +.,\$.\$'*#P!*&!
- CCL!<2%+)*&%2-*''%/)4/%>(&%*''%!'3!\$V%!3\$.#/.&/!*M!%1'/%#,%!23%/!/2&'#@!\$V%!'#1%3\$'@.\$'*#!.#/! ./k2/',.\$'*#! *M! /'3,&'('#.\$'*#! .#/! V.&.33(%#\$! .++%@.\$'*#3! 2#/%&! \$V'3!)*+',-L! H! ?&%?*#/%&.#,%! *M! \$V%! %1'/%#,%! (%.#3! `V%\$V%&! '\$! '3! (*&%! +'e%+-! \$V.#! #*\$! \$V.\$! \$V%! /'3,&'('#.\$'*#!*&!V.&.33(%#\$!*,,2&&%/L!! ! ! ! ! ! !
- CKB/<2(>- "1 '3!\$V%!.332&.#,%!\$V.\$!.#!'#/'1'/2.+!*&!\$V%!]#'1%&3'\$-!`'+!*#+-!&%1%.+!'#M*&(.\$'*#! .O*2\$!.++%@.\$'*#3!*M!8%92.+!N'3,*#/2,\$!\$*!\$V*3%!`V*!#%%/!\$*!e#*`!\$V%!'#M*&(.\$'*#!'#!*&/%&! \$*!,.&&-!*2\$!\$V%'&!/2\$'%3!*&!&%3?*#3'O'+'\$'%3!*&!.3!*\$V%&`'3%!&%T2'&%/!O-!+.`L!"#/'1'/2.+3!`V*! .&%!2#.O+%!\$*!*MM%&!\$V%!V'@V%&!3\$.#/.&/!*M!,*#M'/%#\$'.+'\$-!2#/%&!+.`7!O2\$!`V*!.&%!3\$'++! ,*(('\$\$%/!\$*!#*\$!/'3,+*3%!'#M*&(.\$'*#!(*&%!\$V.#!#%,%33.&-7!(.-!*MM%&!?&'1.,-L!
- CGL *A% ' %&(%\$/*(%.#3!(%.32&%3!?&*1'/%/7!.3!.??&*?&'.\$%7!\$*!.!I*(?+.'#.#\$!*&!.#-!*\$V%&!?%&3*#! N%&,-!'/%#\$'M'%/!.3!V.1'#@!V./!\$V%'&!%T2.+!.,%33!\$*!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&! H,\$'1'\$-!+'('\$%/!*&!/%#'%/!O-!/'3,&'('#.\$'*#!*&!V.&.33(%#\$L!YV%3%!(%.32&%3!.&%!?&*1'/%/! \$*!&%3\$*&%!*&!?&%3&1%!\$V.\$!?%&3*#\3!.,%33!\$*!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-!.M\$%&! N%&,-!/%\$%&('#%3!\$V.\$!/'3,&'('#.\$'*#!*,,2&&%/L!! ! ! ! !

- C^L A%.-,(-.()*!(%.#3!'#\$'('/.\$'*#7!\$V&%.\$37!,*%&,'*#7!*&!/'3,&'('#.\$'*#!/'&%,\$%/!.\$!.#-!?%&3*#! O-!\$V%!]#'1%&3'\$-7!.!3\$2/%#\$7!*&!.#!%(?+*-%%!*&!*\$V%&!?%&3*#!.2\$V*&'f%/!O-!N%&,-!\$*!?&*1'/%! .'/7!O%#%M'\$7!*&!3%&1',%!2#/%&!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-7!M*&!\$V%!?2&?*3%!*M!

- OL YV%!\$-?%7!M&%T2%#,-7!.#/!/2&.\$'*#!*M!\$V%!,*#/2,\$P!!!
- ,L YV%!).&\$'%3\!.@%37!&*+%3!`'\$V'#!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-7! ?&%1'*23!'#\$%&.,\$'*#3!.#/!*\$V%&M.,\$*&3!.O*2\$!%.,V!).&\$-!\$V.\$!(.-!O%!&%+%1.#\$! \$*!%1.+2.\$'#@!\$V%!%MM%,\$3!*M!\$V%!,*#/2,\$P!!!
- /L YV%!+*,.\$'*#!*M!\$V%!,*#/2,\$!.#/!\$V%!,*#\$%9\$!'#!`V',V!\$V%!,*#/2,\$!*,,2&&%/P! .#/!!
- %L = V%&!3%950.3%/!V.&.33(%#\$!'#!N%&, -3!S/2, .\$'*#!)&*@&.(!*&!H,\$'1'\$-L!)

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c V'+%! '\$! '3! #*\$! ?*33'O+%! \$*! +'3\$! .++! ,'&,2 (3\$.#,%3! \$V.\$! ('@V\$! ,*#3\$'\$2\$%! 8%92.+! ; .&.33 (%#\$7!\$V% M*++* ` '#@!.&%!3* (%!%9. (?+%3!*M!, *#/2,\$!\$V.\$! ('@V\$!, *#3\$'\$2\$%!32,V! V.&.33 (%#\$B!

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- .L!! 82@@%3\$'1%!O*/-!+.#@2.@%!*&!'#.??&*?&'.\$%!*&!2#`%+,*(%!?V-3',.+!,*#\$.,\$! \$V.\$!/*%3!#*\$!T2.+'M-!.3!8%92.+!H33.2+\$P!!
- OL! <%&0.+!.023%!*&!*MM%#3'1%!,*((%#\$3!*M!.!3%92.+!#.\$2&%7!'#,+2/'#@!3%92.+! 3+2&37!3%92.++-!%9?+','\$!3\$.\$%(%#\$37!T2%3\$'*#37!k*e%3!*&!.#%,/*\$%37!/%@&./'#@! `*&/3!&%@.&/'#@!3%92.+'\$-!*&!@%#/%&7!32@@%3\$'1%!*&!*O3,%#%!+%\$\$%&37!#*\$%37!*&! '#1'\$.\$'*#3P!!
- ,L!!!!N.e'#@!+%`/!*&!3%92.+!,*((%#\$3!.O*2\$!.#!'#/'1'/2.+\3!.??%.&.#,%7!O*/-7! *&!,+*\$V'#@7!*&!,*((%#\$3!\$V.\$!.&%!*3\$%#3'O+-!M+'&\$.\$'*23P!!
- /L! ! < '32.+! / '3?+.-3! *&! / '3\$&'O2\$'*#! *M! 3%92.++-! %9?+', '\$! /&. ` '#@37! ?',\$2&%37! %+%,\$&*#',!*&!`&'\$\$%#! (.\$%&'.+3P!!
- %L!!!6'3?+.-'#@!#2/'\$-!*&!%#@.@'#@!'#!3%92.+!.,\$3!'#!3?.,%3!\$V.\$!,.#!0%!3%%#!O-! *\$V%&3P!
- ML! !] #/2%! .#/! 2#` .#\$%/! .\$\$%#\$'*#7! 32,V! .3! &%?% .\$%/! '#.??&*?&' .\$%! M+'&\$'#@7! 3\$.&'#@7!*&!(.e'#@!3%92.++-!32@@%3\$'1%!,*((%#\$3!*&!@%3\$2&%3P!*&!!

- !!!!!!
 - .L ;%C#-,/?''.!(%.#3 o !Q'R!,*#\$.,\$!O%\$`%%#!\$V%!?%#'3!.#/!\$V%!12+1.!*&!\$V%!?%#'3! .#/!\$V%!.#237!.#/!M*&!?2&?*3%3!*M!\$V'3!32O?.&.@&.?V!,*#\$.,\$!'#1*+1'#@!\$V%! ?%#'3!*,,2&3!2?*#!?%#%\$&.\$'*#7!V*`%1%&!3+'@V\$P!Q''R!,*#\$.,\$!O%\$`%%#!\$V%! (*2\$V!.#/!\$V%!?%#'37!\$V%!(*2\$V!.#/!\$V%!12+1.7!*&!\$V%!(*2\$V!.#/!\$V%!.#23P! Q'''R!\$V%!?%#%\$&.\$'*#7!V*`%1%&!3+'@V\$7!*M!\$V%!.#.+!*&!@%#'\$.+!*?%#'#@!*M!.#*\$V%&! O-!.!.*&!M'#@%&!*&!O-!.%,\$7!``'\$V!.#!#\$%#\$!*!.O23%7!V2('+'.\$%7! OO.6(.)&.337!/%@&./%7!*&!O.6(.)&*23%!*&!@&.\$'M-!\$V%!3%92O.6(.)+Q/\$B\$!&%!*M!O.6(.) \$V%!'

.2/'*!e#*`3!*&!3V*2+/!V.1%!e#*`#!\$V.\$!\$V%!?%&3*#!/%?',\$%/!'#!\$V%!'(.@%3!*&! .2/'*!/'/!#*\$!,*#3%#\$!\$*!32,V!/'3,+*32&%P!*&!

/L] 3'#@!*&!'#3\$.++'#@?!*&!?%& ('\$\$'#@!\$V%!23%!*&!'#3\$.++.\$'*#!*M!.!/%1',%!M*&!\$V%! ?2&?*3%!*M!&%,*&/'#@!.#*\$V%&!?%&3*#\3!3%92.+!.,\$'1'\$-7!'#\$' (.\$%!O*/-!?.&\$3!*&! #.e%/#%33!'#!.!?+.,%!`V%&%!\$V%!?%&3*#!`*2+/!V.1%!.!&%.3*#.O+%!%9?%,\$.\$'*#!*M! ?&'1.,-!`'\$V*2\$!\$V.\$!?%&3*#\3!,*#3%#\$L! !

FLL! <u>7="?7BF(O!JFEA7FVF(</u> -	BF? ((H! E=	YIC - E=	=J! K	- 7 - EE '	$\mathbf{V} = (\mathbf{B})$! - (J!	E=YZ -	<u>D</u> !
$LF?D = (A = ! - B!V = 7A^!!$!	!	!	!	!	!	!	!	
! !									
- N (# <ia#<@%0+< %)\$!7+:#2="" .!!<="" td=""><td>!</td><td>!</td><td>!</td><td>!</td><td>!</td><td>!</td><td>!</td><td>!</td><td></td></ia#<@%0+<>	!	!	!	!	!	!	!	!	
1 1									

 $\begin{array}{l} H\#-! N \& \& -!] \#'1 \& 3'\$-! , * ((2\#'\$-! (\% (0 \& ! (.-! \& ?* \& ! /'3, \&' ('\#.\$'*\#7! 3 \& 950.3 \% / ! V. \&.33 (\% \# \$! ... \# / U* \& !3 \% 92. +!1'*+ \#, \% ?! `V \& V \& !* \& !# * \$! \$ V \& !* # ! \& ?* \& \$ # @ !'3! \$ V \& !? \& & * #!. ++ \& @ \% / ! \$! 0 \% ! \$ V \& !1', $' (! *M! \$ V \& !, *#/2, \$! & V. \$! (.-!, *#3 \$ 2 \& ! /'3, \&' ('#. \$'*#7! 3 \% 950.3 \% / ! V. \&.33 (\% \# \$! * \& ! 3 \% 92. +!1'*+ \#, \% !!) \\ & > \% ?* \& \$! (.-! 0 \% ! (... + #3 \$ 2 \& ! /'3, \&' ('#. \$'* #7! 3 \% 950.3 \% / ! V. \&.33 (\% \# \$! * \& ! 3 \% 92. +!1'*+ \% \#, \% !!) \\ & > \% ?* \& \$! (..-! 0 \% ! (... / !! ? \& 3 * #7! 0 -! (... +7! 0 - ! \& * #7! 3 \% 950.3 \% / ! V. \&.33 (\% \# \$! * \& ! 3 \% 92. +!1'*+ \% \#, \% !!) \\ & > \% ?* \& \$! (..-! 0 \% ! (... / !! ? \& 3 * #7! 0 -! (... +7! 0 - ! \& * \% ? V * \# \% ? ! * \& ! 0 - ! \% + \& ! 3 \% 92. +!1'*+ \% \#, \% !! \\ & > \% ?* \& \$! (..-! 0 \% ! (... / !! ? \& 3 * #7! 0 -! (... +7! 0 - ! \& \%) * \% ? V * \# \% ? ! * \& ! 0 - ! \% + \& ! 3 \% 92. +!1'* \# ... \$! \\ & '# M * \& (.. \$'* \# ! + '3 \% / ! M * \& ! \$ V \% ! 6 ' \& \%, \$ * \& ! * M! Y `\$+ \% ! Z !. # / ! ST2 '\$-! I * (?+'. \#, \% 7! `V', V!, . \# ! 0 \% ! M * 2 \# / ! . \$! \\ & V \$? 3 B U ``` L (\% \& - L \% / 2 U. 0 * 2 \$ U \$ ' \$! * 1 !! ! \\ \\ & V \$? 3 B U ``` L (\% \& - L \% / 2 U. 0 * 2 \$ U \$ ' \$ + \% ! !! \\ \end{aligned}$

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YV%!M*++*`'#@!*MM','.+3!.\$!N%&,-!`'++!?&*1'/%!?&'1.,-7!O2\$!#*\$!,*#M'/%#\$'.+'\$-7!2?*#!&%,%'1'#@!.! &%?*&\$!*M!,*#/2,\$!?&*V'O'\$%/!O-!\$V'3!)*+',-B! ! ! ! ! ! ! ! ! !

- 6'&%, \$*&!*M!Y'\$+%!"Z!.#/!%T2'\$-!I*(?+'.#,%!*&!/%3'@#%%Q3RP!
- =MM', '.+3!` '\$V!H2\$V*&'\$-!\$*!'#3\$'\$2\$%!, *&&%, \$'1%!(%.32&%3!2#/%&!\$V'3!)*+', -P!
- N.#.@%&3!.#/!82?%&1'3*&3^{\$}P!.#/!
- H++!*\$V%&!% (?+*-%%3!.\$!N%&,-!`V*!.&%!#*\$!/%3'@#.\$%/!.3!,*#M'/%#\$'.+!&%3*2&,%3!
 !

] #/%&!M%/%&.+!.#/!3\$.\$%!+.`7!.#-!% (?+*-%%!.\$!N%&,-!`V*!'3!#*\$!.!,*#M'/%#\$'.+!% (?+*-%%!.#/!`V*! %'\$V%&!V.3!.2\$V*&'\$-!\$*!'#3\$'\$2\$%!,*&&%,\$'1%! (%.32&%3!*#!O%V.+M!*M!N%&,-!*&!V.3!&%3?*#3'O'+'\$-!M*&! ./('#'3\$&.\$'1%!+%./%&3V'??!\$%.,V'#@7!*&!./1'3'#@!'#!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-7!*&! (.#.@%3!.#/!32?%&1'3%3!%(?+*-%%3!.\$!\$V%!]#'1%&3'\$-7!(23\$!#*\$'M-!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z!.#/! ST2'\$-! I*(?+'.#,%!`V%#!\$V%!%(?+*-%%!V.3!'#M*&(.\$'*#!.O*2\$!,*#/2,\$!\$V.\$!&%.3*#.O+-!(.-! ,*#3\$'\$2\$%! YV%!M*++*`'#@!#*#5,*#M'/%#\$'.+!N%&,-!%(?+*-%%3!`V*!&%,%'1%!'#M*&(.\$'*#!.O*2\$!,*#/2,\$!\$V.\$! &%.3*#.O+-!(.-!,*#3\$'\$2\$%!/'3,&'('#.\$'*#7!3%950.3%/!V.&.33(%#\$!*&!3%92.+!1'*+%#,%!(23\$! '((%/'.\$%+-!&%?*&\$!\$V%!'#,'/%#\$!\$*!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z!.#/!ST2'\$-!I*(?+'.#,%!Q,*++%,\$'1%+-! e#*`#!.3!g>%T2'&%/!>%?*&\$%&3hB!

- !!!!!
 - FL **HIIS88'**O'+'\$-!8\$.MM[%]!
 - CL H/ ('#'3\$&.\$*&37!'#,+2/'#@!O2\$!#*\$!+' ('\$%/!\$*B!! .L!!8\$.MM!=MM',%&3!! OL!!)&*1*3\$7!H33*,'.\$%!)&*1*3\$37!6%.#37!H33*,'.\$%!6%.#3! ,L!!H,./%(',!]#'\$!;%./37!'#,+2/'#@!IV.'&3!.#/!)&*@&.(!6'&%,\$*&3! /L!!S9%,2\$'1%!6'&%,\$*&3!.#/!6'&%,\$*&3!! %L!!N.#.@%&3!.#/!82?%&1'3*&3!
 - KL H/ ('33'*#3!3\$.MM!
 - EL H\$V+%\$',!6%?.&\$(%#\$!8\$.MM!
 - GL

YV%3%! '#/'1'/2.+3! ` '++! #*\$! &%?*&\$! \$V%! .++%@.\$'*#3! \$*! \$V%! 6'&%, \$*&! *M! Y'\$+%! "Z! *&! *\$V%&! N%&, -! % (?+*-%%3! ` '\$V*2\$!\$V%!3\$2/%#\$\3!?%& ('33'*#L!YV%!*#+-!%9, %?\$'*#!'3!'#!\$V%!, .3%! ` V%&%!\$V%&%!'3!.#! ' (('#%#\$!\$V&%.\$!*M!3%&'*23!'#k2&-!\$*!\$V%!, * (?+. '#.#\$!*&!.#*\$V%&!?%&3*#L!! ! ! ! ! !

"M!.!3\$2/%#\$!3?%.e3!3*+%+-!\$*!.!,*#M'/%#\$'.+!% (?+*-%%7!\$V%!] #'1%&3'\$-!` '++!O%!+' ('\$%/!'#!'\$3!.O'+'\$-!\$*! ,*#/2,\$!.#!'#1%3\$'@.\$'*#!'#\$*!\$V%!.++%@.\$'*#3!*&!?2&32%!/'3,'?+'#.&-!.,\$'*#!.@.'#3\$!\$V%!>%3?*#/%#\$L! I *#M'/%#\$'.+!% (?+*-%%3!` '++!.33'3\$!3\$2/%#\$3!'#!*O\$.'#'#@!*\$V%&!#%,%33.&-!32??*&\$L!!

CL! L! H+\$V*2@V! N%&, -!/*%3!#*\$!/'&%, \$+-!% (?+*-!'#/'1'/2.+3!\$*!`V* (! N%&, -!% (?+*-%%3!, .#!3?%. e!*#!.!, *#M'/%#\$'.+!O.3'3!&%@.&/'#@!8%92.+!N'3, *#/2, \$7!M&%%!, *#M'/%#\$'.+! 32??*&\$! 3%&1',%3! .&%! .1.'+.O+%! \$V&*2@V! \$V%! S (?+*-%%! H33'3\$.#,%!) &*@&. (!QSH)R7!`V',V!'3! ./ ('#'3\$%&%/!O-!.#!*2\$3'/%!, * (?.#-L! I*#M'/%#\$'.+!, * ((2#'\$-!,*2#3%+'#@!&%3*2&,%3!.&%!.+3*! .1.'+.O+%!\$V&*2@V*2\$! c %3\$, V%3\$%&! I*2#\$-!.#/!4%`!j *&e! I'\$-L! !H??%#/'9! IL!!

I * (?+.'#.#\$3!(.-!23%!\$V%3%!, *#M'/%#\$'.+!&%3*2&, %3!%1%#!'M!\$V%-!/%, '/%!#*\$!\$*!&%?*&\$!.++%@.\$'*#3!*M! $3\%92.+!1'*+\%\#, \%!*\&!?.\&\$', '?.\$\%!'#!.#!'#1\%3\$'@.\$'*#7!N\%\&, -\3!'#M*\&(.+!\&\%3*+2\$'*#!?&*, \%33!*\&!\$V\%!, \&'('#.+!&23\$', \%!?&*, \%33!!H!, *(?+.'#.#\$!`V*M'&3\$!3?\%.e3!\$*!.!, *#M'/\%#\$'.+!\&\%3*2\&, \%!(.-!+.$\%&!/\%, '/\%!$ \$'!&%?*&\$!.++%@.\$'*#3!\$*!\$V%!] #'1%&3'\$-!*&!`'\$V!*2\$3'/%!+.`!%#M*&, %('%#\$L!

<u>4*\$%</u>B!]#/%&!\$V%!I+%&-!H,\$7!\$V%!]#'1%&3'\$-!'3!&%T2'&%/!\$*!(.'#\$.'#!&%,*&/37!./1'3%!\$V%!@*1%&#(%#\$! .O*2\$!&%?*&\$3!*M!,%&\$.'#!,&'(%3!.#/!'332%!\$'(%+-!`.&#'#@3!`V%#!\$V%&%!'3!.!3%&'*237!,*#\$'#2'#@!\$V&%.\$! \$*!\$V%!,*((2#'\$-L!82,V!&%?*&\$3!.#/!`.&#'#@3!/*!#*\$!/'3,+*3%!'/%#\$'M-'#@!'#M*&(.\$'*#L!!

JN !**A**#<@%**0**+</%)\$%/'!)<**0**!''2%8)&'!%<!/;+!F<**8**+./%U)/%#<!

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>%M%&%#,%3!(./%!\$*!,*#M'/%#\$'.+'\$-!&%M%&!\$*!\$V%!.O'+'\$-!*M!'/%#\$'M'%/!,*#M'/%#\$'.+!&%3*2&,%3!\$*!#*\$! &%?*&\$!,&'(%3!.#/!1'*+.\$'*#3!\$*!+.`!%#M*&,%(%#\$!*&!2#'1%&3'\$-!*MM','.+3!`'\$V*2\$!?&&('33'*#7!%9,%?\$! M*&!%9\$&%(%!,'&,2(3\$.#,%37!32,V!.3!.!V%.+\$V!.#/U*&!3.M%\$-!%(%&@%#,-!*&!,V'+/!.O23%L!>%M%&%#,%3! (./%!\$*!?&'1.,-!(%.#!N%&,-!*MM',%3!.#/!%(?+*-%%3!`V*!,.###\$!@2.&.#\$%%!,*#M'/%#\$'.+'\$-!O2\$!`'++! (.'#\$.'#!?&'1.,-!\$*!\$V%!@&%.\$%3\$!%9\$%#\$!?*33'O+%7!.#/!'#M*&(.\$'*#!/'3,+*3%/!`'++!O%!&%+.-%/!*#+-!.3! #%,%33.&-!\$*!'#1%3\$'@.\$%!.#/U*&!3%%e!.!&%3*+2\$'*#!.#/!\$*!#*\$'M-!\$V%!6'&%,\$*&!*M!Y'\$+%UST2'\$-! I*(?+'.#,%!*&!/%3'@#%%7!`V*!'3!&%3?*#3'O+%!M*&!\$&.,e'#@!?.\$\$%!.#/!3?*\$\$'#@!3-3\$%(',!'332%3L! N%&,-!`'++!+'('\$!\$V%!/'3,+*32&%!.3!(2,V!.3!?&.,\$',.O+%7!%1%#!'M!\$V%!6'&%,\$*&!*M!Y'\$+%!"ZUST2'\$-! I*(?+'.#,%!

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I*(?+.'#.#\$3!`V*!&%?*&\$!.++%@.\$'*#3!*M!/'3,&'('#.\$'*#!.#/!3%950.3%/!V.&.33(%#\$!V.1%!\$V%!&'@V\$!\$*! &%,%'1%!32??*&\$'1%!(%.32&%3!M&*(!N%&,-!&%@.&/+%33!*M!`V%\$V%&!\$V%-!M'+%!.!,*(?+.'#\$L!82??*&\$'1%! (%.32&%3!.&%!#*#5/'3,'?+'#.&-!.#/!#*#5?2#'\$'1%L!82??*&\$'1%!(%.32&%3!(.-!1.&-!/%?%#/'#@!2?*#! `V.\$!'3!&%.3*#.O+-!.1.'+.O+%!.\$!N%&,-L!H3!.??&*?&'.\$%7!32??*&\$'1%!(%.32&%3!(.-!'#,+2/%!`'\$V*2\$! +'('\$.\$'*#B!

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- N*/'M', .\$'*#3!*M!`*&e!*&!,+.33!3,V%/2+%3!
- I. (?23!%3, *&\$!3%&1', %37!.3!.1.'+.0+%!
- >%3\$&',\$'*#3!*#!,*#\$.,\$!.??+'%/!\$*!*#%!*&!(*&%!).&\$'%3!Q#*!,*#\$.,\$!*&/%&3R!
- IV.#@%3!'#!,+.337!`*&e7!V*23'#@7!*&!%9\$&.,2&&',2+.&!*&!.#-!*\$V%&!.,\$'1'\$-7!&%@.&/+%33!*M!
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- H33'3\$.#,%!O-!N%&,-\3!,.(?23!3.M%\$-!'#!*O\$.'#'#@!.#!*&/%&!*M!?&*\$%,\$'*#!`'\$V!+*,.+!+.`!

- KL N.e%!.!/%, '3'*#!.O*2\$!` V%\$V%&!*&!#*\$!\$*!/'3,+*3%!.!,&' (%!*&!1'*+.\$'*#!.#/!?.&\$','?.\$%!'#! \$V%!k2/','.+!*&!,*#/2,\$!?&*,%33!.#/U*&!,&' ('#.+!k23\$',%!?&*,%33!M&%%!M&* (!?&%332&%!O-!\$V%! '#3\$'\$2\$'*#P!
- EL).&\$','?.\$%!'#!.!?&*,%33!\$V.\$!'3!M.'&7!'(?.&\$'.+7!.#/!?&*1'/%3!./%T2.\$%!#*\$',%!.#/!.! (%.#'#@M2+!*??*&\$2#'\$-!\$*!O%!V%.&/P!
- GL : %!\$&%.\$%/!`'\$V!/'@#'\$-!.#/!\$*!&%,%'1%!M&* (!\$V%!'#3\$'\$2\$'*#!,*2&\$%*237!M.'&7!.#/!&%3?%,\$M2+! V%.+\$V!,.&%!.#/!,*2#3%+'#@!3%&1',%37!`V%&%!.1.'+.O+%P!
- WL :%!M&%%!M&* (!.#-!32@@%3\$'*#!\$V.\$!\$V%!>%?*&\$'#@!"#/'1'/2.+!'3!.\$!M.2+\$!`V%#!\$V%3%!,&'(%3! .#/!1'*+.\$'*#3!.&%!,*(('\$\$%/7!*&!3V*2+/!V.1%!.,\$%/!'#!.!/'MM%&%#\$!(.##%&!\$*!.1*'/!32,V! ,&'(%3!*&!1'*+.\$'*#3P!
- ^L 6%3,&'O%!\$V%!'#,'/%#\$!\$*!.3!M%`!'#3\$'\$2\$'*#!&%?&%3%#\$.\$'1%3!.3!?&.,\$',.O+%!.#/!#*\$!O%! &%T2'&%/!\$*!2##%,%33.&'+-!&%?%.\$!.!/%3,&'?\$'*#!*M!\$V%!'#,'/%#\$P!
- _L : %!?&*\$%,\$%/!M&* (!>%\$.+'.\$'*#!O-!\$V%!'#3\$'\$2\$'*#7!.#-!8\$2/%#\$7!\$V%!H,,23%/!.#/U*&!\$V%! >%3?*#/%#\$7!.#/U*&!\$V%'&!M&'%#/37!M. ('+-!.#/!.,T2.'#\$.#,%3!`'\$V'#!\$V%!k2&'3/',\$'*#!*M!\$V%! '#3\$'\$2\$'*#P!
- XL H, ,%33!\$*!.\$!+%.3\$!*#%!+%1%+!*M!.??%.+!*M!.!/%\$%&('#.\$'*#P!
- FDL : %!., * (?.#'%/!O-!.#!./1'3*&!*M!,V*',%!`V*!(.-!.33'3\$!.#/!./1'3%!.!>%?*&\$'#@!
 "#/'1'/2.+!*&!I*(?+.'#.#\$7!H,,23%/7!*&!>%3?*#/%#\$!\$V&*2@V*2\$!\$V%!k2/','.+!*&!,*#/2,\$!
 ?&*,%33!'#,+2/'#@!/2&'#@!.++!(%%\$'#@3!.#/!V%.&'#@3!&%+.\$%/!\$*!32,V!?&*,%33P!.#/!
- FFL S9%&, '3%!, '1'+!&'@V\$3!.#/!?&.,\$',%!*M!&%+'@'*#!` '\$V*2\$!'#\$%&M%&%#,%!O-!\$V%!'#1%3\$'@.\$'1%7! ,&' ('#.+!k23\$',%7!*&!k2/','.+!*&!,*#/2,\$!?&*,%33!*M!\$V%!'#3\$'\$2\$'*#L!

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- H! I * (?+. '#. #\$!Q.3!/%M'#%/!'#!8%,\$'*#!"""Q_R!*M!\$V'3!)*+', -RP!*&!

M!.!>%3?#/%#\$!M&*(!,.(?23!*&!'(?*3'\$'*#!*M!.#*\$V%&!/'3,'?+'#.&-!3.#,\$'*#!\$*!%#/!\$V%! 3%950.3%/!V.&.33 (%#\$U3%92.+!1'*+%#,%!.#/!?&%1%#\$!'\$3!&%,2&&%#,%P!

- YV%! .@%! .#/! &%+.\$'*#3V'?! *M! \$V%! ?.&\$'%37! '#,+2/'#@! ` V%\$V%&! \$V%! >%3?*#/%#\$! '3! .#! % (?+*-%%!*M!N%&,-P!

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N%&,- (.-!/'3('33!.!,*(?+.'#\$!*M!3%950.3%/!V.&.33(%#\$!*&!3%92.+!1'*+%#,%!M*&!.#-!*M!\$V%! M*++*`'#@!&%.3*#3B!

- N%&,-!'3!2#.O+%!\$*!'/%#\$'M-!\$V%!>%3?*#/%#\$!.M\$%&!\$.e'#@!&%.3*#.O+%!3\$%?3!\$*!/*!3*P!
- YV%!>%3?*#/%#\$!'3!#*\$!?.&\$','?.\$'#@!'#!N%&,-\3!S/2,.\$'*#!)&*@&.(!*&!H,\$'1'\$-!.#/!'3!
 #*\$!%(?+*-%/!O-!N%&,-P!
- YV%! I* (?+.'#.#\$!1*+2#\$.&'+-!`'\$V/&.`3!.#-!*&!.++!*M!\$V%!.++%@.\$'*#3!'#!\$V%!,*(?+.'#\$7!
 \$V%!6'&%,\$*&!*M!Y'\$+%!"Z!/%,+'#%3!\$*!'#'\$'.\$%!.!,*(?+.'#\$!*M!\$V%3%!?&*,%/2&%37!.#/!N%&,-!
 /%\$%&('#%3!\$V.\$7!`'\$V*2\$!\$V%! I*(?+.'#.#\$\3!`'\$V/&.`#!.++%@.\$'*#37!\$V%!,*#/2,\$!\$V.\$!
 &%(.'#3!.++%@%/!'#!\$V%!,*(?+.'#\$7!'M!.#-7!`*2+/!#*\$!,*#3\$'\$2\$%!3%950.3%/!V.&.33(%#\$!*&!
 3%92.+!1'*+%#,%!2#/%&!\$V'3!)*+',-!.#/!@&'%1.#,%!?&*,%/2&%!%1%#!'M!?&*1%#P!*&!
- N%&, -!/%\$%&('#%3!\$V.\$!\$V%!, *#/2,\$!.++%@%/!'#!\$V%!,*(?+.'#\$7!%1%#!'M!?&*1%#7!`*2+/!#*\$!
 ,*#3\$'\$2\$%! 3%950.3%/! V.&.33(%#\$! *&! 3%92.+! 1'*+%#,%! 2#/%&! \$V'3!)*+',-! @&'%1.#,%!
 ?&*,%/2&%L!<u>4*\$%</u>B!N%&,-!(23\$!(.e%!&%.3*#.O+%!%MM*&\$3!\$*!,+.&'M-!\$V%!.++%@.\$'*#3!`'\$V!\$V%!
 I*(?+.'#.#\$!O%M*&%!/'3('33'#@!2#/%&!\$V'3!0.3'3L!
 - !
- "M! N%&, -!/'3 ('33%3!.!,* (?+.'#\$7! N%&, -!3V.++!?&* (?\$+-!#*\$'M-!\$V%! I* (?+.'#.#\$!*M!\$V%!
 0.3'3!M*&!/'3 ('33.+L!
- "M!\$V%!/'3('33.+!*M!\$V%!,*(?+.'#\$!*,,2&3!0%M*&%!.!4*\$',%!*M!H++%@.\$'*#3!'3!'332%/!\$*!\$V%! >%3?*#/%#\$?!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z!/*%3!#*\$!#%%/!\$*!?&*1'/%!#*\$',%!\$*!\$V%!>%3?*#/%#\$!
 .\$!\$V.\$!\$'(%L!;*`%1%&?!'M!\$V%!I*(?+.'#.#\$!.??%.+3!\$V%!/'3('33.+7!\$V%!>%3?*#/%#\$!`'++!
 #%%/!\$*!0%!#*\$',%/!*M!\$V%!,*(?+.'#\$!.++%@.\$'*#3!.#/!@'1%#!.#!*??*&\$2#'\$-!\$*!&%3?*#/!\$*!
 \$V%!/'3('33.+L!!!
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• <u>4%`!%1'/%#,%</u>B! 4%`!%1'/%#,%!\$V.\$!`*2+/!,V.#@%!\$V%!*2\$,*(%!.#/!\$V.\$!`.3!#*\$! &%.3*#.O+-!.1.'+.O+%!`V%#!\$V%!/%\$%&('#.\$'*#!`V%\$V%&!3%95O.3%/!V *??*&\$2#'\$-!\$*!?&%3%#\$!>%+%1.#\$!.#/!#*\$!*\$V%&`'3%!'(?%&('33'O+%!%1'/%#,%!\$*!.!\$&.'#%/7! '(?.&\$'.+!/%,'3'*#(.e%&P!!

-).&\$'%3!(.-!V.1%!.#!./1'3*&!*M!\$V%'&!, V*', %7!.#/!\$V.\$!\$V%!./1'3*&!(.-!0%7!02\$!'3!#*\$!&%T2'&%/!
 \$*!0%7!.#!.\$\$*&#%-P
- N%&, -\3!, */%! *M!, *#/2, \$! ?&*V'O'\$3! e#*` '#@+-! (.e'#@! M.+3%! 3\$.\$% (%#\$3! *&! e#*` '#@+-! 320 ('\$\$'#@!M.+3%!'#M*& (.\$'*#!\$*!.#-!]#'1%&3'\$-!*MM', '.+P!.#/
- "M7!'#!\$V%!,*2&3%!*M!.#!'#1%3\$'@.\$'*#7!N%&,-!/%,'/%3!\$*!'#1%3\$'@.\$%!.//'\$'*#.+!.++%@.\$'*#3!*M!
 '%,'./%, N-!
 "M7!'#!\$V%!,*2&3%!*M!.#!'#1%3\$'@.\$'*#7!N%&,-!/%,'/%3!\$*!'#1%3\$'@.\$%!.//'\$'*#.+!.++%@.\$'*#3!*M!
 3%950.3%/!V.&.33 (%#\$!*&!3%92.+!1'*+%#,%!O-!\$V%!>%3?*#/%#\$!\$*`.&/!\$V%!I*(?+.'#.#\$!\$V.\$!
 &%!#*\$!'#,+2/%/!'#!\$V%!*&'@'#.+!`&'\$\$%#!4*\$',%!*M!H++%@.\$'*#3!?&*1'/%/7!N%&,-!3V.++!?&*1'/%!
 &'\$\$%#!#*\$',%!*M!.#-!.//'\$'*#.+!.++%@.\$'*#3!\$*!\$V%!).&\$'%3!`V*3%!'/%#\$'\$'%3!.&%!e#*`#L

"M7!'#!\$V%!,*2&3%!*M!.#!'#1%3\$'@.\$'*#7!N%&,-!/%,'/%3!\$*!'#1%3\$'@.\$'*#!.//'\$'*#.+!.++%@.\$'*#3!*M!3%95 O.3%/!V.&.33 (%#\$!*&!3%92.+!1'*+%#,%!O-!\$V%!>%3?*#/%#\$!\$*`.&/!\$V%!I*(?+.'#.#\$!\$V.\$!.&%!#*\$! '#,+2/%/!'#!\$V%!*&'@'#.+!'332%/!`&'\$\$%#!4*\$',%!*M!H++%@.\$'*#37!*&!\$V.\$!.&%!'#,+2/%/!'#!.!,*(?+.'#\$! \$V.\$!'3!,*#3*+'/.\$%/!2#/%&!\$V'3!O&'%1.#,%!)&*,%/2&%7!N%&,-!3V.++!?&*1'/%!#*\$',%!*M!\$V%!.//'\$'*#.+! .++%@.\$'*#3!\$*!\$V%!).&\$'%3!`V*3%!'/%#\$'\$'%3!.&%!e#*`#L!

Y*!\$V%!%9\$%#\$!\$V.\$

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• YV%!6'&%,\$*&!*M!Y'\$+%!"Z!.#/U*&!\$V%'&!/%3'@#%%!`'++!?%&M*&('!.#!'#1%3\$'@.\$'*#!*M!\$V%!,*#/2,\$! .++%@%/!\$*!,*#3\$'\$2\$%!3%950.3%/!V.&.33(%#\$!*&!3%92.+!1'*+%#,%!'#!.!&%.3*#.O+-!?&*(?\$!

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%9,%?\$'*#!.??+'%37!(23\$!#*\$!O%!/'3,+*3%/7!.#/!(23\$!#*\$!*\$V%&`'3%!O%!23%/R!&%@.&/+%33!*M!`V%\$V%&! \$V%-!.&%!&%+%1.#\$B!

- S1'/%#,%!\$V.\$!'3!?&*\$%,\$%/!2#/%&!.!?&'1'+%@%/!.3!&%,*@#'f%/!O-!A%/%&.+!*&!8\$.\$%!+.`!*&!%1'/%#,%!?&*1'/%/!\$*!.!I*#M'/%#\$'.+!S(?+*-%%7!2#+%33!\$V%!?%&3*#!\$*!`V*(!\$V%!?&'1'+%@%!*&!,*#M'/%#\$'.+'\$-P!!
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 - Q'1R !YV%!+*,.\$'*#!*M!\$V%!,*#/2,\$!.#/!\$V%!,*#\$%9\$!'#!`V',V!\$V%!,*#/2,\$! *,,2&&%/P!.#/!
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G B!%#@.@'#@!'#!.!,*2&3%!*M!,*#/2,\$!/'&%,\$%/!.\$!.!3?%,'M',!?%&3*#! \$V.\$!`*2+/!,.23%!.!&%.3*#.O+%!?%&3*#!\$B!QHR!M%.&!M*&!\$V%!?%&3*#\3!3.M%\$-!*&!\$V%!3.M%\$-!*M!*\$V%&3P!*&! Q:R!32MM%&!32O3\$.#\$'.+!%(*\$'*#.+!/'3\$&%33L! ! ! ! ! ! ! ! ! !

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- N%&, -!/%\$%&('#%3!\$V.\$!\$V%!, *#/2,\$!.++%@%/!'#!\$V%!,*(?+.'#\$7!%1%#!'M!?&*1%#7!`*2+/!#*\$! ,*#3\$'\$2\$%!/'3,&'('#.\$'*#!*&!V.&.33(%#\$!2#/%&!\$V'3!)*+', -!*&!\$V%3%!?&*,%/2&%3L!! <u>4*\$%B</u>!N%&,-!(23\$!(.e%!&%.3*#.O+%!%MM*&\$3!\$*!,+.&'M-!\$V%!.++%@.\$'*#3!`'\$V!\$V%!I*(?+.'#.#\$! O%M*&%!/'3('33'#@!2#/%&!\$V'3!O.3'3L!!
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- YV.\$!&%\$.+'.\$'*#!'3!?&*V'O'\$%/P!.#/!!
- YV%!) .&\$'%3!.&%!%#\$'\$+%/!\$*!.#!%T2.+!*??*&\$2#'\$-!\$*!., %33!\$V%!&%+%1.#\$!.#/!#*\$!*\$V%&`'3%!'(?%&('33'O+%!%1'/%#,%!*&!.#!., ,2&.\$%!/%3,&'?\$'*#!*M!\$V'3!%1'/%#,%L!

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- 82??*&\$'1%! N%.32&%3!`'++!O%!.1.'+.O+%7!*&!,*#\$'#2%!\$*!O%!.1.'+.O+%!'M!.+&%./-!?&*1'/%/7!
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.#!.??&*?&'.\$%!(%\$V*/M*&!&%3*+1'#@!\$V%!(.\$\$%&7!.#/!(.-\&%T2'&%!\$V.\$!\$V%!(.\$\$%&!O%!&%3*+1%/!\$V&*2@V! \$V%!O&'%1.#,%!)&*,%/2&%3L!YV'3!/%\$%&('#.\$'*#!'3!#*\$!32Ok%,\$!\$*!.??%.+L!

A., \$*&3! \$V.\$! \$V%! 6 &%, \$*&! *M! Y \$+%! 'Z! .#/! \$12'5-! 1* (?+'.#, %! *&! \$V% &! /%3 @#%%! (.-! % @V! '#! ,*#3'/%&'#@!\$V%!.??&*?&'.\$%#%33!*M!\$V%!'#M*&(.+!&%3*+2\$'*#!?&*,%33!'#,+2/%7!O2\$!.&%!#*\$!+' ('\$%/!\$*7! \$V%!@&.1'\$-!*M!\$V%!.++%@.\$'*#37!` V%\$V%&!\$V%&%!'3!.#!*#@*'#@!\$V&%.\$!*M!V.&(!*&!3.M%\$-!\$*!\$V%!,. (?237! `V%\$V%&!\$V%!>%3?*#/%#\$!'3!.!&%?%.\$!*MM%#/%&7!` V%\$V%&!\$V%!.++%@%/!,*#/2,\$!` *2+/!?&%3%#\$!.!M2\$2&%! &'3e!*M!V.&(!\$*!*\$V%&37!.#/!` V%\$V%&!\$V%!).&\$'%3!.&%!?.&\$','?.\$'#@!'#!@**/!M.'\$VL!YV'3!/%\$%&('#.\$'*#! '3!#*\$!32Ok%,\$!\$*!.??%.+L!!

H\$!.#-!\$'(%!.M\$%&!\$V%!,*((%#,%(%#\$!*M!\$V%!'#M*&(.+!&%3*+2\$'*#!?&*,%337!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z! .#/!ST2'\$-!I*(?+'.#,%!*&!\$V%'&!/%3'@#%%!(.-!/%\$%&('#%!\$V.\$!\$V%!'#M*&(.+!&%3*+2\$'*#!?&*,%33!'3!#*\$!

S1%#!`V%&%!\$V%!).&\$'%3!.@&%%!\$*!320('\$!.!(.\$\$%&!\$*!'#M*&(.+!&%3*+2\$'*#7!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z! .#/!ST2'\$-!I*(?+'.#,%!(23\$!.??&*1%!\$V%!/%,'3'*#!\$*!(*1%!\$V%!(.\$\$%&!\$*!\$V%!'#M*&(.+!&%3*+2\$'*#! ?&*,%33!.#/!(.-!/%\$%&('#%!\$V.\$!'#M*&(.+!&%3*+2\$'*#!'3!#*\$!.??&*?&'.\$%!2#/%&!\$V%!,'&,2(3\$.#,%3L!! ! A..\$*&3!\$V.\$!\$V%!6'&%.\$*&!*M!Y'\$+%!"Z!.#/!ST2'\$-!I*(?+'.#,%!*&!\$V%'&!/%3'@#%%!(.-!`%'@V!'#!

'#,+2/'#@!#*\$',%!\$V.\$!.#!'#M*&(.+!&%3*+2\$'*#!.@&%%(%#\$!'3!O'#/'#@!*#+-!*#!\$V%!).&\$'%3P!.#/!
• c V.\$!'#M*&(.\$'*#!N%&,-!`'++!(.'#\$.'#!.#/!`V%\$V%&!.#/!V*`!N%&,-!,*2+/!/'3,+*3%!32,V!
'#M*&(.\$'*#!M*&!23%!'#!'\$3!O&'%1.#,%!)&*,%/2&%3!'M!\$V%-!.&%!'#'\$'.\$%/!*&!&%32(%/L! !
! !

• YV%!?*\$%#\$'.+!\$%&(3!\$V.\$!(.-!0%!&%T2%3\$%/!*&!*MM%&%/!'#!.#!'#M*&(.+!&%3*+2\$'*#!.@&%%(%#\$7!

YV.\$7!?&'*&!\$*!.@&%%'#@!\$*!.!&%3*+2\$'*#7!.#-!).&\$-!V.3!\$V%!&'@V\$!\$*!`'\$V/&.`M&*(!\$V%!'#M*&(.+! &%3*+2\$'*#!?&*,%33!.#/!\$*!'#'\$'.\$%!*&!&%32(%!N%&,-\3!0&'%1.#,%!)&*,%/2&%3P!
YV.\$!\$V%!).&\$'%3\!.@&%%(%#\$!\$*!.!&%3*+2\$'*#!.\$!\$V%!,*#,+23'*#!*M!\$V%!'#M*&(.+!&%3*+2\$'*#!

?&*.%33! `*2+/! ?&%,+2/%! \$V%!).&\$'%3! M&*(! '#'\$'.\$'#@! *&! &%32('#@! N%&,-\3! O&'%1.#,%!

YV%!&%T2'&% (%#\$3!*M!\$V%!'#M*& (.+!&%3*+2\$'*#!?&*.%33P!

)&*,%/2&%3!.&'3'#@!M&*(!\$V%!3.(%!.++%@.\$'*#3P!

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_L

N%&,-!*MM%&3!\$V%!N*++*`'#@!'#M*&(.+!&%3*+2\$'*#!?&*,%/2&%3!M*&!.//&%33'#@!,*(?+.'#\$3!*M!3%95 O.3%/!V.&.33(%#\$!*&!3%92.+!1'*+%#,%!/%3,&'0%/!2#/%&!\$V'3!O&'%1.#,%!)&*,%/2&%3B!

/L H/ ('#'3\$&.\$'1%!>%3*+2\$'*#!

8V*2+/!\$V%!).&\$'%3!(2\$2.++-!/%\$%&('#%!\$*!%#\$%&!\$V%!'#M*&(.+!&%3*+2\$'*#!?&*,%337!.#/!\$V%!>%3?*#/%#\$! %+%,\$3!\$*!.,%?\$!&%3?*#3'O'+'\$-!N*&!\$V%!.++%@.\$'*#3!*M!\$V%!,*(?+.'#\$!.\$!.#-!?*'#\$!/2&'#@!\$V%!'#M*&(.+! &%3*+2\$'*#!?&*,%337!\$V%!'#3\$'\$2\$'*#!(.-!./('#'3\$&.\$'1%+-!&%3*+1%!\$V%!,*(?+.'#\$L!cV%&%!\$V%! >%3?*#/%#\$!./('\$3!&%3?*#3'O'+'\$-7!\$V%!).&\$'%3!`'++!&%,%'1%!3'(2+\$.#%*23!`&'\$\$%#!#*\$'M',.\$'*#!*M!\$V%! .,%?\$.#,%!*M!&%3?*#3'O'+'\$-7!.#/!\$V%!Y'\$+%!"Z!.#/!ST2'\$-!H??%.+!).#%+!`'++!,*#1%#%!\$*!/%\$%&('#%! \$V%!>%3?*#/%#\$\3!3.#,\$'*#!.#/!*\$V%&!&%(%/'%37!.3!.??&*?&'.\$%!.#/!,*#3'3\$%#\$!`'\$V!'#3\$'\$2\$'*#.+! ?*+',-L!YV%!).&\$'%3 %.,V!).&\$-!`'++!O%!?%&('\$\$%/!\$*!O&'#@!.#!./1'3*&!*M!\$V%'&!,V*',%!\$*!.#-!(%%\$'#@3!`V*!(.-!O%7!O2\$! '3!#*\$!&%T2'&%/!\$*!O%7!.#!.\$\$*&#%-L!

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H\$!\$V%!, *#, +23'*#!*M!\$V%!(%/'.\$'*#7!\$V%!M., '+'\$.\$*&!` '++!(%(*&'.+'f%!\$V%!.@&%%(%#\$!\$V.\$!`.3!&%.,V%/! O%\$`%%#!\$V%!).&\$'%3L!YV%!6'&%,\$*&!*M!Y'\$+%!"Z!` '++!(*#'\$*&!./V%&%#,%!\$*!\$V%!?&*?*3%/!3*+2\$'*#!.#/! ,+*3%!\$V%!(.\$\$%&!`V%#!,*(?+'.#,%!'3!3.\$'3M.,\$*&-L!

ML >%3\$*&.\$'1%!J23\$',%!

H! &%3\$*&.\$'1%! k23\$',%! Qg>JhR! I *#M%&%#,%! '3! .! /'.+*@2%7! M.,'+'\$.\$%/! O-!.#! '#M*&(.+! &%3*+2\$'*#! M.,'+'\$.\$*&! ` '\$V!.??&*?&'.\$%! &&.'#'#@7(!'#\$%#/%/!\$*!&%3\$*&%! &%+.\$'*#3V'?3!.#/!&%?.'&! V.&(!.M\$%&!.! ,*#M+',\$!V.3!*,,2&&%/L!:*\$V!\$V%!&%3?*#3'O+%!).&\$-!.#/!\$V%!'#/'1'/2.+3!.MM%,\$%/!O-!\$V%!,*#M+',\$!,*(%!

FYN: O = (=7 - D!''7 ? LFEF? (E!1?7! - DD!A? V''D - F(BE!))

! - N!!1%\$%<U!=>/+2<)\$!A# * :\$)%</.!!

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"#/'1'/2.+3!`V*!M%%+!\$V.\$!\$V%-!V.1%!O%%#!320k%,\$%/!\$*!/'3,&'('#.\$'*#!*&!V.&.33(%#\$!V.1%!\$V%!&'@V\$! \$*!.1.'+!\$V%(3%+1%3!*M!.#-!.#/!.++!*M!\$V%'&!&'@V\$3!2#/%&!+.`7!'#,+2/'#@!O2\$!#*\$!+'('\$%/!\$*!M'+'#@! ,*(?+.'#\$3!`'\$V!*#%!*&!(*&%!*M!\$V%!*2\$3'/%!.@%#,'%3!+'3\$%/!O%+*`B!!

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•]L8L! 6%?.&\$(%#\$! *M! S/2,.\$'*#7! =MM',%! M*&! I'1'+! >'@V\$3! Q3\$2/%#\$3R

AN!!**7**+:**#**2/%<U!**7**+/)\$%)/%**#**<!!

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 $\begin{aligned} H\#-!'\#/'1'/2.+!^{V*!O\%+'\%1\%3!V\%U3V\%U$V\%-!V.1\%!O\%\%\#!\&\%\%.+'.\%/!.@.'#3\$!M*\&!(.e'#@!.!\&\%?*\&\$!2\#/\%\&!\\ $V'3!)*+',-7!.33'3\$'#@!3*(\%*\#\%!(.e'#@!.!\&\%?*\&\$7!*\&!?.\&\$','?.\$'#@!'#!.#-!(.##%\&!'#!.#!'#1\%3\$'@.\$'*#7!\\ V\%.\&'#@!*\&!\&\%3*+2$'*#!*M!.!,*(?+.'#\$!2#/%\&!$V'3!)*+',-!(.-!M'+\%!.!,*(?+.'#\$!^`'$V!$V\%!6'&\%,\$*\&!*M!\\ Y'\$+\%!''Z!.#/!ST2'$-!I*(?+'.#,%L!H+!&\%$.+'.$'*#!,*(?+.'#$3!^`'+!O\%!'#1%3$'@.$%/!'#!.,*&/.#,%!^`'$V!\\ $V\%!'#1%3$'@.$'*#!?&*,%/2&\%3!3%$M*&$V!'#!$V'3!)*+',-7!.#/!'#/'1'/2.+3!^`V*!.&\%!M*2#/!$*!V.1%!%#@.@%/!'#!&\%$.+'.$'*#L!! \end{aligned}$

JN!! (#!A#</)&/!?20+2.!!

H++!&%,*&/3!&%+.\$%/!\$*!\$V%!N%&,-\3!&%3?*#3%!\$*!.++%@.\$'*#3!*M!/'3,&'('#.\$'*#7!3%950.3%/!V.&.33(%#\$! .#/!3%92.+!1'*+%#,%!(23\$!0%!(.'#\$.'#%/!M*&!3%1%#!Q^R!-%.&3!M&*(!\$V%!+.3\$!.,\$'*#!*#!.!(.\$\$%&7!2#+%33! 32,V!&%,*&/3!(23\$!0%!(.'#\$.'#%/!M*&!.!+*#@%&!?%&'*/!*M!\$'(%!?2&32.#\$!\$*!N%&,-\3!>%,*&/3!>%\$%#\$'*#! .#/!6'3?*3'\$'*#!8,V%/2+%L!!

 $\begin{aligned} YV\%3\%! &\%, *&/3! '\#, +2/\%B! &\%, *&/3! *M! .\#-! ., $'*#37! '\#, +2/'#@! .#-! 32??*&$'1\%! (\%.32&\%3! *&!! ., *((*/.$'*#3!$.e%#!'#!&\%3?*#3\%!$*!.++%@.$'*#3!*M!/'3, &'('#.$'*#7!3\%950.3\%/!V.&.33(\%#$!.#/! 3\%92.+! 1'*+\%#, \%P! '#1%3$'@.$'*#! &%, *&/37! (.$%&'.+37!.#/!/*, 2(%#$3P! /%$%&('#.$'*#3! &%@.&/'#@! &%3?*#3'0'+'$-!.#/!/'3, '?+'#.&-!3.#, $'*#3P!&% (%/'%3!?&*1'/%/!$*!.!, *(?+.'#.#$!/%3'@#%/!$*!&%3*&%! *&!?&%3%&1%!%T2.+!., %33!$*!N%&, -\3!%/2, .$'*#!?&*@&.(!*&!.,$'1'$-P!.#-!.??%.+3!.#/!$V%!&%32+$P!.#-! '#M*&(.+!&%3*+2$'*#!.#/!$V%!&%32+$P!.#/!.#-!&%, *&/'#@3!*&!$&.#3, &'?$3!*M!V%.&'#@3L!!N%&, -\3!%, *&/3! &%%#$'*#!.#/! 6'3?*3'$'*#! &, V%/2+%! &%T2'&%3! $V.$! 3$2/%#$!/'3, '?+'#.&-!&%, *&/3! O%! (.'#$.'#%/!?%&(.#%#$+-L!!)$

YN!! $\underline{Z}(FL = 7 EFB^{?}; CDFO - BF? (E!Z(J = 7!BKFE!''?DFA^{!!})$

"#!.//'\$'*#!\$*!.//&%33'#@!.++%@.\$'*#3!*M!/'3,&'('#.\$'*#7!3%950.3%/!V.&.33(%#\$!.#/!3%92.+!1'*+%#,%7! N%&,-!V.3!\$V%!M*++*`'#@!*O+'@.\$'*#3B!!

- N!! J \\..+ * \\<)/\\#<!#@!''#\$\\&\\+.H!''2#&+052+.H!)<0! (#/\\&+.!!

 $\begin{aligned} YV\%!6'\&\%, \$*\&!*M!Y'\$+\%!"Z!.#/!ST2'\$-!I*(?+'.#,\%?!'#!,**&/'#.\$'*#!`'$V!$V\%!=MM',\%!*M!8\$2/\%#\$!HMM.'&3!\\ Q'#,+2/'#@!>\%3'/\%#$'.+!a'M\%!.#/!;\%.+$V!.#/!c'\%+#%33R7!$V\%!=MM',\%!*M!I.(?23!8.M%$-7!$V\%!=MM',\%!*M!$ \$V%!)&*1*3\$7!\$V%!=MM',%!*M!;2(.#!>%3*2&,%3!.#/!*\$V%&!.??&*?&'.\$%!*MM',%37!.&%!&%3?*#3'O+%!M*&!\$V%! $`'/%!/'33%('#.$'*#!*M!$V%!M*++*`'#@B!Q'R!$V'3!)*+',-P!Q''R!N%&,-\3!4*$',\%!*M!4*#56'3,&'('#.$'*#P!$ $Q'''R!$V%!6'&%,$*&!*M!Y'$+%!"Z!.#/!ST2'$-!I*(?+'.#,%\3!#.(%7!?V*#%!#2(O%&7!*MM',%!+*,.$'*#7!.#/!$ %(.'+!.//&%33!.#/!Q'1R!,*#\$.,\$!'#M*&(.\$'*#!M*&!\$V%!=MM',%!*M!I.(?23!8.M%\$-L!82,V!/'33%('#.\$'*#!'#,+2/%3!?*3\$'#@!\$V%!/*,2(%#\$3!.#/!'#M*&(.\$'*#!*#!\$V%!]#'1%&3'\$-!``%O3'\$%7!.#/!'#,+2/'#@!'\$!'#!&%3'/%#,%!+'M%!(.\$%&'.+3!.#/!\$&.'#'#@!.#/!%/2,.\$'*#.+!(.\$%&'.+3L!!

YV%!8\$2/%#\$3\!:'++!*M!>'@V\$37!`V',V!'3!'#,*&?*&.\$%/!'#\$*!\$V'3!)*+',-7!(23\$!0%!/'3\$&'02\$%/!\$*!.#-! '#/'1'/2.+!&%?*&\$'#@!.#!'#,'/%#\$!*M!3%950.3%/!V.&.33(%#\$!*&!3%92.+!1'*+%#,%!.\$!\$V%!\$'(%!\$V%!&%?*&\$! '3!(./%L!"\$!(23\$!.+3*!0%!/'3\$&'02\$%/!.##2.++-!\$*!.++!3\$2/%#\$37!(./%!.1.'+.0+%!*#!\$V%!]#'1%&3'\$-\3! `%03'\$%!.#/!?*3\$%/!'#!N%&,-!I*++%@%!&%3'/%#,%!V.++3L!!

CN!!B2 \(<U!)<0!=05&)/\(\#<)\$!''2#U2) * * \(<U!!

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N%&,-!'3!&%3?*#3'0+%!N*&!?&*1'/'#@!\$&.'#'#@!\$*!\$V%!6'&%,\$*&!*M!Y'\$+%!"Z!.#/!ST2'\$-!I*(?+'.#,%

M*&!%#32&'#@!\$V.\$!\$V%!] #'1%&3'\$-!?&*1'/%3!\$&.'#'#@!\$*!] #'1%&3'\$-!% (?+*-%%3!*#!\$V%'&!*O+'@.\$'*#3! 2#/%&!\$V'3!)*+',-P!?&*1'/%3!%/2,.\$'*#!*#!\$V'3!)*+',-!.#/!*#!3%92.+!1'*+%#,%!Q'#,+2/'#@!/*(%3\$',! 1'*+%#,%7! /.\$'#@!1'*+%#,%7! 3\$.+e'#@!.#/!3%92.+!.33.2+\$R!\$*!#%`!.#/!,*#\$'#2'#@!3\$2/%#\$3P!.#/! ?&* (*\$%3!.`.&%#%33!.#/!?&%1%#\$'*#!*M!/'3,&'('#.\$'*#7!3%950.3%/!V.&.33(%#\$!.#/!3%92.+!1'*+%#,%! .(*#@!.++!3\$2/%#\$3!.#/!%(?+*-%%3L!8?%,'M',!&%T2'&%/!\$&.'#'#@3!'#,+2/%!\$V%!N*++*`'#@B!!

FL!!

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YV%!] #'1%&3'\$-! (23\$!?&*1'/%!\$&.'#'#@!\$*!.+!% (?+*-%%3!`V*!.&%!&%T2'&%/!\$*!&%?*&\$!'#,'/%#\$3!*M! /'3,&' ('#.\$'*#7!3%950.3%/!V.&.33 (%#\$!.#/!3%92.+!1'*+%#,%!2#/%&!\$V'3!)*+',-7!.3!`%++!.3!\$V*3%! % (?+*-%%3!`V*!V.1%!O%%#!/%3'@#.\$%/!.3!,*#M'/%#\$'.+!% (?+*-%%3L!!

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CN!7+\$)/\#<.;\:.!C+/9++<!E5:+28\.#2.!)<0!=*:\$#'++.!!

N .#-!*M!\$V%!, *#, %!.O*2\$!'#\$'(.\$%!&%+.\$'*#3V'?3!O%\$`%%#!%(?+*-%%3!.#/!3\$2/%#\$3!.+3*!.??+-!\$*! &%+.\$'*#3V'?3!O%\$`%%#!32?%&1'3*&3!.#/!%(?+*-%%3!\$V%-!32?%&1'3%L!YV*3%!&%+.\$'*#3V'?3!\$V%&%M*&%!.&%! ?&*V'O'\$%/L!82?%&1'3*&3!(23\$!/'3,+*3%!.#-!32,V!&%+.\$'*#3V'?3!\$*!\$V%!=MM',%!*M!;2(.#!>%3*2&,%3!'#! *&/%&!\$*!.1*'/!*&!('\$'@.\$%!,*#M+',\$3!*M!'#\$%&%3\$!'#!,*##%,\$'*#!`'\$V!\$V%!32?%&1'3'*#!.#/!%1.+2.\$'*#! *M!\$V%!%(?+*-%%3!`'\$V!`V*(!\$V%-!V.1%!.#!'#\$'(.\$%!&%+.\$'*#3V'?L!!

A*&! ?2&?*3%3! *M! \$V'3! 8%, \$'*#7! 32?%&1'3'#@! .#!% (?+*-%%! (%.#3! 32?%&1'3'#@!'#! .#!% (?+*-(%#\$! 3%\$\$'#@7!'#,+2/'#@!V'&'#@7!%1.+2.\$'#@7!.33'@#'#@!` *&e7!*&!(.e'#@!/%,'3'*#3!*&!&%,* ((%#/.\$'*#3!\$V.\$! ,*#M%&!O%#%M'\$3!32,V!.3!?&* (*\$'*#37!&.'3%3!*&!*\$V%&!&% (2#%&.\$'*#7!*&!?%&M*& ('#@!.#-!*\$V%&!M2#,\$'*#! \$V.\$! ('@V\$!.MM%,\$!% (?+*-(%#\$!*??*&\$2#'\$'%3 o %1%#!'M!\$V%!32?%&1'3'*#!'3!&% (*\$%L!!

YFN!! FV''D=V=(B-BF?(!!)

YV'3!)*+',-!.??+'%3!\$*!/'3,&'('#.\$'*#7!3%95!0.3%/!V.&.33(%#\$!.#/!3%92.+!1'*+%#,%!\$V.\$!'3!.++%@%/!\$*! V.1%!*,,2&&%/!*#!*&!.M\$%&!H2@23\$!F7!CDCEL!82,V!'#,'/%#\$3!.++%@%/!\$*!V.1%!\$.e%#!?+.,%!0%M*&%!\$V%! %MM%,\$'1%!/.\$%!*M!\$V'3!)*+',-!`'++!0%!V.#/+%/!'000M!\$V%!36(.)cmBT500050300-681Tm/TT81Tf[(%)0.25

<u>- ''''= (JFY! - !</u>

$\frac{C - EFA!7 = ZF7 = V = (BE!1?7!O7F = L - (A = !''7?A = JZ7 = E!1?7!!}{-DD!V - BB = 7E!Z(J = 7!BKFE!''?DFA^{-1})}$

H3!&%T2'&%/!O-!M%/%&.+!.#/!3\$.\$%!+. `7!N%&,-!3V.++B!

- Y&%.\$!I*(?+.'#.#\$3!.#/!>%3?*#/%#\$3!+G5%/)6\$'L!
- S#32&%! \$V.\$! N%&, -\3! 6'&%, \$*&! *M! Y'\$+%! "Z! .#/! ST2'\$-! I*(?+'.#,%7! '#1%3\$'@.\$*&7! /%, '3'*#(.e%&!*&!M., '+'\$.\$*&!*M!.#!'#M*&(.+!&%3*+2\$'*#!?&*,%33!0#+.!<#/!;)8+!)!&#<@\$%&/!#0! %</+2+./!#2!6%).!M*&!*&!.@.'#3\$! I*(?+.'#.#\$3!*&!>%3?*#/%#\$3!@%#%&.++-!*&!.#!'#/'1'/2.+! I*(?+.'#.#\$!*&!>%3?*#/%#\$L!
- "(?*3%!0&'%1.#,%!)&*,%/2&%3!\$V.\$!'#,+2/%!.!:2+.5*:/%#<!/;)/!/;+!7+.:#<0+</!%.!<#/!</p>
 2+.:#<.%6\$+!</p>

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-)&*1'/%!\$V%!*?\$'*#!M*&!?.&\$'%3!\$*!?.&\$','?.\$%!'#!%<@#2*)**\$!2+.#\$5**/%#<!?&*,%00.2401799.731181Tn/TT81Tf

- E% * 5\$/) <+#5.\$'! :2#8%0%<U! 92%//+<! <#/%&+! /#! /;+! :)2/%+.!#@!/;+! 0+/+2 * %<)/%#<! \$V.\$! '#,+2/%3!.!/%3,&'?\$'*#!*M!\$V%!.++%@.\$'*#37!'#M*&(.\$'*#!.O*2\$!\$V%!?*+','%3!.#/!?&*,%/2&%3! 23%/!\$*!%1.+2.\$%!\$V%!.++%@.\$'*#37!\$V%!/%,'3'*#(.e%&\3!%1.+2.\$'*#!*M!\$V%!&%+%1.#\$!.#/!#*\$! *\$V%&`'3%!'(?%&('33'O+%!%1'/%#,%!.#/!/%\$%&('#.\$'*#!`V%\$V%&!3%950.3%/!V.&.33(%#\$! *,,2&&%/7!/'3,'?+'#.&-!3.#,\$'*#3!.#/!&%(%/'%3!'M!&%+%1.#\$7!.#/!'#M*&(.\$'*#!.O*2\$!.??%.+! ?&*,%/2&%3L!!
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- N%\$&*?*+'\$.#!; *3?'\$.+!I%#\$%&7!FXDF!A'&3\$!H1%#2%7!QCFCR!ECK5_XXK!
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- E+>5)\$!-..)5\$/!B2+)/*+</!"2#U2)*! 4*&\$V!I%#\$&.+!:&*#9!;*3?'\$.+! KECE!d*332\$V!H1%#2%!Q:&*#9R! Q^F_R!GFX5CFCF!!
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