

!''#&' (#)*%'+, '-*)(#'.%+' /%, 0-#'/ /. #0%1*\$#2*. (\$%*34-0#. \$%' ' 5%670. (0%8*/9#)*\$%:.)<0. 2%#(\$%0++#0(*\$% =>670. (0?:%5*?% /%>7\$?@)' --*)(%0. 2%7\$*%A' 7/%A*/\$'. 0-#%. +' /B0(#'. %5''*. %A' 7%\$7CB#(%('%7%CA%5*C\$#(*:.* *B0#:%A04*/:.' /% (' '*/%B*(' ' 2%(' %044-A%+' /%*B4-' AB*. (%5#(' '%670. (0% /%+' /%5' /D%0\$%0. %#. 2*4*. 2*. (%)' . (/0)' /' &# (' %''0(:%#.%B' \$(%)0\$*\$:%5*%5#-%\$744-*B*. (%(' '*%#.%+' /B0(#'. %A' 7%4/' 9#2*%5#(' '% (' '*%A*/\$'. 0-% #.%+' /B0(#'. %+' /B' (' '#/2%40/(#*\$%5*%\$*-*)(:%\$7)''%0\$%C0)DE/' 7. 2%)''*)D%0. 2%2/#9#. E%/*)' /2%#.%+' /B0(#'. % 4/' 9#2*/\$:%+' /B' (' '#/2%A0/(#*\$%(' '0(%A' 7%#. \$(/7)(% /%07(' ' /#*%(' %\$*. 2%#.%+' /B0(#'. %(' %7\$:%0. 2%+' /B' %A7C-#)-A 090#0C-*%#.%+' /B0(#'. %&#%

;+%A' 7%0/*%0%A/' \$4*)(#9*%*B4-' A**:%(' '*%)0(*E' /#*\$%'+%A*/\$'. 0-#%. +' /B0(#'. %#\$(*2%C*-' 5%(' '0(%5*%/'*)*#9*% 5#-%C*%7*\$*2%(' %0\$*\$*\$%A' 7/%\$7#(0C##(A%0\$%0%670. (0%*B4-' A**:%(' '*%90-70(*%A' 7/%G70-##)0(#'. \$%' /%090#0C-*% ' /%0. (#)#40(*2%*B4-' AB*. (%A' \$#(#'. \$%0(%670. (0:%0. 2% /%(' '*%A7/4' '\$*\$%'+)') B4-A#%. E%5#(' '%044-#)0C-*%05\$-% H. -*\$%A' 7%2#/*) (' '* /5#*\$%#.%5/#(#. E:%5*%B0A%#C7(%0/*% ' (%C-#E0(*2%(' @/' (0#.%(' '*%A*/\$'. 0-#%. +' /B0(#'. % A' 7%4/' 9#2*%+' /%74%(' %5' %A*0/\$%0. 2%5*%B0A%7\$*%(' '0(#.%+' /B0(#'. %(' %)' . \$#2*/%A' 7/%*-%#E#C#(A%+' /%0. A% 090#0C-*% /%0. (#)#40(*2%*B4-' AB*. (%A' \$#(#'. \$%0(%670. (0%27/#. E%(' '0(%#B*%&#%

;+%A' 7%0/*%0%A/' \$4*)(#9*%#.%2*4*. 2*. (%)' . (/0)' /:(' '*%)0(*E' /#*\$%'+%A*/\$'. 0-#%. +' /B0(#'. %#\$(*2%C*-' 5%(' '0(% 5*%/'*)*#9*%5#-%C*%7*\$*2%(' %0\$*\$*\$%A' 7/%\$7#(0C##(A%+' /%090#0C-*% /%0. (#)#40(*2%*. E0E*B*. (\$%(' %4*+' /B' 5' /D%+' /%670. (0%0\$%0. %#. 2*4*. 2*. (%)' . (/0)' /: %0. 2% /%(' '*%A7/4' '\$*\$%'+)') B4-A#%. E%5#(' '%044-#)0C-*%05\$-% H. -*\$%A' 7%2#/*) (' '* /5#*\$%#.%5/#(#. E:%5*%B0A%#C7(%0/*% ' (%C-#E0(*2%(' @/' (0#.%(' '*%A*/\$'. 0-#%. +' /B0(#'. % A' 7%4/' 9#2*%+' /%74%(' %5' %A*0/\$%0. 2%5*%B0A%7\$*%(' '0(#.%+' /B0(#'. %(' %)' . \$#2*/%A' 7/%*-%#E#C#(A%+' /%0. A% 090#0C-*% /%0. (#)#40(*2%*. E0E*B*. (\$%(' %4*+' /B' 5' /D%+' /%670. (0%0\$%0. %#. 2*4*. 2*. (%)' . (/0)' /%27/#. E% (' '0(%#B*%&#%

!''*%)0(*E' /#*\$%'+%A*/\$'. 0-#%. +' /B0(#'. %5*%B0A%#) --*)(%0. 2%4/')*\$%\$%C7(% . -A%(' %(' '*%3(*. (%0. 2%#.%0B0. . * /% (' '0(%#%)' . \$#(\$* . %5#(' '%044-#)0C-*%05@/' *%0\$%'- ' 5\$1%

- <670. (0%)' --*)(%4*/\$'. 0-#2*. (##*/\$%\$7)''%0\$%A' 7/% 0B*:%)' . (0)(%#.%+' /B0(#'. %B')#0-%B*)7/#(A% 7BC*/:2/#9*/J\$%#)*. \$*% 7BC*/:0. 2%40\$4' /(% 7BC*/@0. 2% 2*B' E/04'#)%#.%+' /B0(#'. %=\$7)''%0\$%A' 7/%20(*%'+%C#/('%8* . \$#(#9*%#2*. (##*/\$%\$7)''%0\$%8')#0-% 8*)7/#(A:%40\$4' /(:%0. 2%2/#9*/J\$%#)*. \$*% 7BC*/\$%\$''' 7-2% . -A%C*%)' --*)(*2%5''*. %(' '* /%#%0% **2% +' /%(' '* \$*%#2*. (##*/\$%+' /%30B4-*%(' %)' B4-A%5#(' '%BB#E/0(#'. %/*G7#/*B*. (\$% /%+' /%(' '*%A7/4' '\$*\$% '+% C(0#.#. E%2/#9#. E%W*)' /2\$% /%C0)DE/' 7. 2%)''*)D\$@%
- %670. (0%5#-%/*)*#9*%(' '*%#.%+' /B0(#'. %A' 7%\$7CB#(%0C' 7(%A' 7/%K' C% 4/*+'/*.)*\$%=\$7)''%0\$%(' '*%4' \$(#. E%0. 2%2*\$)/#4(#'. %'+% (' '*%K' C(' %5' '#)' %A' 7%044-A:%A' 7/%)' B4*. \$0(#'. %*34*)(0(#'. \$:%0. 2%A' 7/%A/*+' /%2%\$0/(%20(*@%
- <670. (0%)' --*)(%4/' +*\$%#'. 0-% 0. 2% *B4-' AB*. (L/*-0(*2%#.%+' /B0(#'. %=\$7)''%0\$%#.%+' /B0(#'. %#.%A' 7/%)' 9*%/**((% /%0. 2%/*\$7B*%M, N%0. 2%0% -#\$(%+%\$D#-\$@0. 2%27)0(#'. %#.%+' /B0(#'. %=\$7)''%0\$%)*/(##)0(#'. %#%)*. \$*:%0)02*B#%(/0.\$)/#4(\$:%0. 2%)' . ##/B0(#'. \$%+%0(*. 20.)*%0(%0. %27)0(#'. 0-#%. \$(#(7(#'. @%#%
- <670. (0%B0A%/*)*#9*%*' 0-(' 'L/*-0(*2%#.%+' /B0(#'. %+' /B' %A' 7%(' '0(%#%/'*-%90. (%(' % A' 7/%044-#)0(#'. %:\$7)''%0\$%B''*. %A' 7%4/' 9#2*%#.%+' /B0(#'. %0C' 7(%A' 7/%0C#(A%(' %4*+' /B' %)* / (0#.% C% +7.)(#'. \$:%(' '*% **2%# /%0))' BB' 20(#'. \$:% /%02#%0C#(A%&#%

- $\frac{670}{(0\%B0A\%/^*)^*9^*4/' (*)(*2\%-0\\$\\$\#\# \cdot +'/B0(\# \cdot \%+' B\%A' 7\%0\\$\\$ 2^*+\# \cdot *2\%CA\%044-\#)0C-\%05\%=\\$7)''\%0\\$\\$/0)^*E^* \cdot 2^*/:\%}' 4\#\\$\%'+\%)\#(\#F^* \cdot \\$''\#4\%0 \cdot 2\%/E'' (\%(' \%5' /D\% \#\# \cdot +'/B0(\# \cdot \%0 \cdot 2\%0^*(^*/0 \cdot \%\$(0(7\\$\@$
- $\frac{670}{(0\%/^*)^*9^*\\$0 \cdot A\%)}' BB^* \cdot (\%0 \cdot 2\%B^*\\$0E^*\\$A' 7\%\\$7CB\#(\%0-' \cdot E\%5\#(''A' 7/\%K' C\% 044-\#)0(\# \cdot \cdot \\$\%$
- $\frac{O\#(''A' 7/\%4^*/B\#\\$\#\# \cdot \cdot \%670}{(0\%B0A\%/^*)^*9^*\% \#\# \cdot +'/B0(\# \cdot \%)' \cdot (0\# \cdot *2\#\%C0)DE/' 7 \cdot 2\%''^*)D\%/' 4' /(\\$%0 \cdot 2\%\%47C-\#)E' 9^*/ \cdot B^* \cdot (\%/' 2\\$\%-\\$7)''\%0\\$\\$ 5' /D\%'\#\\$(' /A:\%)/^*2\#(\%'\#\\$(' /A:\%2/\#9\# \cdot E\%/') /2\%:\%)/\#B\# \cdot 0-\%/' 2\%:\%0 \cdot 2\%)' 7/(\%')' /2\\$\@$
- $\frac{670}{(0\%B0A\%*9\#*5\%47C-\#)-A\%09\#0C-\%\\$'}\#0-\%B^*2\#0\%40E^*\\$0 \cdot 2\% ('^*/\% 47C-\#)\% \cdot (* / \cdot *(\%A' \\$(\# \cdot E\%:\%(\%''^*3^* \cdot (\%4^*/B\#\\$\#C-\%7 \cdot 2^*/\%044-\#)0C-\%05\%$
- $\frac{670}{(0\%)-^*}(\%A' 7/\%\#E \cdot 0(7/\%0 \cdot 2\%*-0(*2\%07('' \cdot (\#)0(\# \cdot \%2^*(0\#\% \cdot \%)' \cdot \cdot ^*)\# \cdot \% 5\#(''\%0 \cdot A\%2')7B^* \cdot (\%A' 7\%-\%)(/' \cdot \#)0--A\% /%4''A\\$\#)0--A\%\#E \cdot \%0 \cdot 2\%4/' 9\#2^*(' \%670 \cdot (0-\%A''\#\\$\#\# \cdot +'/B0(\# \cdot \% B0A\%C^*\%7\\$\\$*2\%(' \%B0\# \cdot (0\# \cdot \%''^* \cdot (*E/\#(A\% +\% 7/\%4/')^*\\$\\$\\$ \cdot \% \cdot +'/)''\%E'' (\%:\%4/' 9^* \cdot (\%/072:\%0 \cdot 2\%0-\#20(*\% A' 7/\%2^* \cdot (\#(A-$

∴ $\frac{022\#(\# \cdot \cdot \%5^*\%B0A\%07(' B0(\#)0--A\%)-^*)}{(\% ('^*/\%0(*E' /#\\$\% +\%4^*/\\$' \cdot 0-\% \cdot +'/B0(\# \cdot \%5''^* \cdot \%A' 7\%7\\$\\$*0\%670 \cdot (0\% 5^*C\#(*\%(\% \%\\$7CB\#(\%A' 7/\%044-\#)0(\# \cdot \%(\%7\%-\%0^*\%7\\$\\$*%(\%'\#\#\# \cdot +'/B0(\# \cdot \%(\%4/' 9\#2^*\%0 \cdot 2\%\#B4/' 9^*\% 7/\%5^*C\#(*\% 0 \cdot 2\%K' C\%044-\#)0(\# \cdot \%4/')^*\\$\\$\\$ \cdot \% \cdot +'/\%0 \cdot (\#\#+/072\%47/4' \cdot \\$\\$\\$:\%$