



"#\$!%&'(!) \$*+,-,*)!((,/)0! %1*2(+3(4! 567!898:!

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)**+%,* -#"/%010-23*+24%5'\$#6%2*7%8*-%9*"#.#%7:4%5'0%,00;"#.%<"==%>* ,0%;*%*-+0-4%?0@-0%,00;
A0#%:0::"#%;*+\$2%;*%>#:"+0-%\$%>*7A=0%*8%";0,:%308*-0%;'0%B5C4%D:%7:7\$=/%<0@==%:;,\$-%32%
,0,30-:%*8%;'0%A73=">/%:*%E @==%;7-#%";%*10-%;*%F*7./%*7-%+"-0>;*-%*8%G73=">%D88\$"-:%;*,%0;,%

F*7.= \$:%B\$--\$-(%

5'\$#6%2*7%10-2%,7>/'%C'\$"-%&\$#4%H08*-0%<0%30."#/%A=0\$0%#*;0%;'\$;%;'0%B5C%":%>*+"#.%;"':%
;,\$;%;"':%>*+"#.%,\$2%30%,\$+0%\$1\$"\$=3=0%"#%;'0%A73=">%>*+"#%\$>>*+\$#>0%<";%'0%>*,"::"*%
-7=0:4%H-"08=2/'%308*-0%<0%,*10%;*%;'0%,0,303%*8%<0%A"==%:00%;<*%>*+"%1"+0*:%8-* ,%
,0,30-:%*8%C*#.-:4%E%30="010%7A%8"-:;%<0%\$10%10#;\$*-%D,2%&=*37>\$-4%

D,2%&=*37>\$-(%

J0==%*;%'010-2*#0%\$;;0#+".%;*+\$2@:%B0+0-\$=%5-\$+0%C*,"::"*#%*A0#%,00;"#.4%5'\$#6%2*7%;*%C'\$"
\$#+%C*,"::"*#0-%H0+*2\$%\$#+%I=\$7.';0-%8*-%'*=+"#.%;"':%,"A*-\$#;%'A73=">%8*-7,4%K*7%>\$#@;%'A-*;0>
>*#;7,0-:%"8%2*7%+*#@;,%=";0#%;*%>#;7,0-:4%5'\$#6%2*7%;'0%B5C%":%,\$>6="#.%*#0%*8%;'0%
,*;%*-'73="#.#%7:0%*8%.0#0-\$,"10%\$-;"8">\$=%"#;0==.0#>0%<0%\$10%0#>*7#;0-0+/%;0%\$=\$-,"#.%-:0%
>-"#\$%=:%;0\$="#.%A0*A=0@:%1*">0%;*%:>\$,*;'0-:4%?0@-0%:00"#.%;"':%\$==%*10-%;'0%>*7#;-2/'%#>=
'*,0%;;,\$04%L0>0#;=2/'%0%7:3\$#+%*8%\$%,0,30-%*8%,2%;:\$88%"#%M"##0*;\$%<\$%;\$-.0;0+%32%\$%;0--
A*#0%:>\$,4%J0%-0>0"10+%\$%>\$==%8-* ,%* ,0*#0%<*'%;*7#+0+%97;,%="60%"':%:*#%<*'%"':%>7--0#;=2%
;'0%,"=";\$-2%*10-:0\$;4%E;,%<\$:%\$%A\$#">60+%1*">0%\$2#%\$NM2*7%;'0-0ON%E,A=2"#.%'0%<\$:%"#%
+\$#.0-4%P8%>*7-:0/%;,%<\$:#@;,%\$>;7\$==2%" ,4%I>\$,0-:%'\$+%7:0+%DE%;*%>=#0%"':%1*">04%B*-;7#;\$,
,0,30-%\$#+%'0-%'7:3\$#+%6#0<%;'\$;%;"':%<\$:#@;,%-0\$==2%;'0"-:%*#%\$#+%'7#.%7A%308*-0%;'0%:>\$,0-:%
0Q;*-%;'0,%8*-%,*#024%

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'--"82"#.%8*-%\$#2%8\$,"=2%\$#+%'7#8*-;7#;\$;0=2/'%";,%":%#%;%\$#%":*=\$;0+%#";,\$#;4%5"':%7,0-%"#%E* <\$/
-0>0"10+%\$%A\$#">%>\$==%8-* ,%\$%1*">0%\$%\$%0*7#;+0%\$%<\$:%*#%":%<2%;*%3\$:">;-\$#"#.%:\$2#.%
'0%<\$:%"#%9\$"=%\$#+%#00+0+%RS/TTT%8*-%3\$"\$=4%!7>6"=2/'%0%>*7A=0%-0\$>'0+%;'0"-:%*#%<*'%"<\$%:
308*-0%<-"#.%\$#2% ,*#024%E#%U;\$/'%\$#*;'0-%,\$#%.*;,%\$%>\$==%8-* ,%\$%1*">0%>=#0%;'\$;,%:.'7#+0+%=
.-\$#+:*#%>=\$" ,#.%;*%#00+%RV/TTT%"#%3\$"=%\$8;0-%\$%>\$-%>-\$:'4%D:%DE%\$+1\$#>0;/%;'0:0%;*-'0:0%\$
;***>* ,*#4%E;%'#*=2%;\$60%;'-00%:0>*#+:%*8%\$7+"*%;*%>=#0%\$%1*">0/%\$#+%>-" ,#\$%=:%>\$#%A7==%
3\$>6;,*-2%8-* ,%A73=">:%*7->0%="60%:*>\$=%,0+"\$4%H2%A-02"#.%*#%*7-%30;,%"#;,"#>;,%*%'0=A%;'0"

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F*7. = \$: % B \$ - - \$ - (%

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. -.: - * * ; : % * 1 0 , 0 # ; % * 8 % \$ - ; " : : % \$ = % \$ > - * : : % ' 0 % # ; 0 - # 0 ; < ' * % * = 0 > ; " 1 0 = 2 % 0 0 = % # % \$ # 2 % < \$ 2 : % ' \$; % D E % : % \$ %
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HO#9\$, "#%J\$-3\$66(%

44%3\$:0+%*#%DE4%5' \$#6%2*74%

F*7.=:\$%B\$--\$-(%

5' \$#6%2*74% *-2%*%7;%2*7%884%5' \$#6%2*7%10-2% 7>' 4%D=%". ' ;4%0;@%\$=%-2%*% ;">6%*%*7-%<*% "#7;0:1%
37;% ' \$#6%2*7%10-2% 7>' %8*-%2*7-%* , , 0#;:%\$#+%2*7-% -\$A' ">+0, *#.;-\$;*#%\$:%<0=4P6\$24%0;@% *% *%
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I;010%Z*20:(%

J02/% ' 0-04%) **+% * -"#.#.4M2%#\$, 0%:% ;010%Z*20:/%\$#+%@, %\$#%#+0A0#+0#;% \$#78@, %*7(<)1(0)1(=)-1(71(#)-1(")01(#)

5' \$ #6%2*74%5' \$ #6%2*74%DAA-0>"\$;0%;4%6#* <%D10-2*#0@% *;%\$%*;8%;788% *% \$2/9%#+%0;@%0\$=2%-2% *%
:;>6%' \$;% <*% "#7;0:4% @ % *"#. % *% \$10% *%;\$-;%>7;";#. %AO*A=0*88%D\$=-0-1%37;% ' \$ #6%2*7%10-2% 7>' %8*-%
2*7-%* , , 0#;:4%P6\$24%0;@% *% *%H"=\$=H \$22\$+4%H"=\$=0%

H"=\$=H \$220+(%

5' \$ #6%2*74%5' 0%B5C@% *#*A*=_;\$;"#%\$#+%JMC%\$:0%\$. \$#:;%D, \$ _*#%\$":0:%#;0-0;";#. %\$#+%>*, A=00%
' 70:;""#:%*8%\$<1% *% **/#+*0:%;:% *#*A*=_;\$;"#%\$#+%DQ>=7:"10%+0\$=#. %\$:0%\$. \$#:;%D 2#. 0#;\$1%' 0%
, *#*A*=2% \$#;0#%\$>0%\$:0%\$. \$#:;%J4I4%D#0:;' 0:"%G\$-;#0-%\$#+%' 0% *#*A*=_;\$;"#%\$:0%#%' 0%#+%*
E, A\$>:% \$;0-4%#%' 0:0%*7-% \$;0-:1%' 0%>*, , ":%*#% \$:%' *:0#% *%32A\$::%' 0%B5C:%\$+, "#:;-\$;"10%

5' \$ #6%2*7/0D\$- * #4%DAA-0>"\$;0%' \$;4%D=%" . ' ;/ % #00; % : %Z0"=9C' "=: * #4%Z0"=0%

Z0"=9C' "=: * #(%

) ** +% * -#"#. /% '\$ -%&' \$ # % \$ # + % C * , , " : " * # 0 - : 4% @ , % Z 0 " = 9 C ' " = : * # 4 % @ , % \$ % 0 # " * - % 0 : 0 \$ - > ' % 8 0 = * < % \$; % ' 0 %
C0#;0-%*-%) - * < ; ' % \$ # + % PAA * - ; 7 # " ; 2 % \$; % J ; \$ ' % I ; \$; 0 % J # " 1 0 - : " ; 2 4 % L 0 > 0 # ; = 2 / % ' \$ - % & ' \$ # % A * 6 0 % * % 0 , A ' \$: " _ " # . %

:7..0:;*"#%8\$%*#;0#;%>0#:"#.0.", 0%*-%DE%- \$"#".%+\$;\$<="=#":A-*A*-*;*"#\$;0=2%30#08";%D:;\$3=":' 0+%
0#;":0:"A*#;0#; "\$=2% "#+0-"#.0#<0#;-\$#;:%\$#+%*#:0' 70#;=2%+0;-", 0#;\$=2%, A\$>#.#%*#:7, 0-%
<0-8\$-04%

B"#=\$=2/%;:%, A0-\$;"10%*% ". ' =. ' ;%' \$;%<' 0#%D1\$=7\$;#.%' 0% \$-60%; A\$>:%8\$>;*-%#%' 0%*#;0Q;%*8%8\$"-%
7:0/%*A2-".' ;%\$<% A0>"8">\$=2%8*>7:0:%*#%' 0%#8=70#>0%*#%\$#%\$-;":;@%\$3"=";2%*% \$60% \$-6%*% \$-60;%#%
\$#%#+ "1"+7\$=%<*-64%5' ".%\$AA-*\$>' %*0:%#*;%*#:"+0-%' 0%3-*\$+0-%, A\$>:%*8%* A0;";*"#%*#%' 0%\$-;":@%
\$3"=";2%*%+010=*A%#0<%\$#+%* A0;#.#<* -6:4%D%3-*\$+%\$:0:., 0#;%*8% 0#0-\$;"10%DE@%#8=70#>0%*#%\$%
' 7, \$%#%\$-;":@%\$3"=";2%*%* A0;0%<";' %\$% \$>' "#0%\$=%:*7;:"+0%' 0%A7-1"0<%*8%*A2-".' ;%+":>7:."*#:4%
LO>* .#_"#.%' 0%73;0:2%:%-7>"\$-%' 0%B5C%\$#+%*#:#7, 0-%\$="60%\$:%' 02%3*;' %30#08";%*-*, %' 0%
"#>-0\$;0+%\$1\$="\$3"=";2%*8%\$%<"+0%\$#. 0%*8%-0\$;"10%<* -6:%--0:A0>:"10%*8%<' 0;' 0-%' 02@0%-0\$;0+%32%
' 7, \$#:%*-%DE4%J=", \$:0=2/%<0%30=010%' \$;%7--0#;%0.\$-%' \$=0#.0:\$\$.#:#;% 0#0-\$;"10%DE%7#+0-:>* -0%' 0%
\$+0' 7\$>2%*8%00";#.#%*A2-".' ;%\$<%#%' ".:#0<%*#;0Q;4%5' \$#6%2*7%8*-%*#:"+0-"#.%*7-%A0-A0>:"10%*#%
' 0:0%01*=1"#.%.:70:4%

F*7.=\$:%B\$--\$-(%

5' \$#6%2*7%0:4%P6\$2/%#0Q;%7A%:"Z">' *=\$:%G\$-6:4%

Z">' *=\$:%G\$-6:(%

5' \$#6%2*74%C\$#%2*7% 0\$-% 00%

F*7.=\$:%B\$--\$-(%

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[@ %HO-"#%#_ *6\$/%A-0:"+0#;%8%50>' %B-00+*, %\$#+%\$%>' *\$-%8%#;0-#0;%\$<4%5' 0%B0+0-\$%C*, , 7#">\$;"*#:%
C*, , "":"*#% \$:%A-*A*:0+%0>=\$:"82"#. %3-*\$+3\$#+%\$:%\$%5";=0%E%*, , *#%\$--"0-%0-1">0%4D:%#%T\%V%' \$;%
<*7=+% ;-"A%' 0%B5C%*8%;%97-":+>";*#/%<'>' %DQ>=7+0:%*, , *#%\$--"0-%4%5' 0%B5C%' *7=+%0%*, , 0#;:%
<";%' 0%BCC%+080#+"#. %;:%97-":+>";*#%\$#+%DQA=\$"##. %;:%\$AA-*\$>' 4%5' 0%BCC%0A0\$-0+%;:%#0;%#07;-\$=;2%
-7=0:%#%T\%a/%20;% ' 0%#;0-#0;%0, \$"#:%\$:%#07;-\$=;%\$%D10-4%5' \$;%@%30>\$7:0%3-*\$+3\$#+%A-*1"+0-% \$10%*#. %
>*, , ";0+%*%0:A0>#0;%#07;-\$=;2%A-"#>"A=0:%\$#+%# ' 0%B5C%#D8*->0:% ' *%0%*, , ";, 0#;:%4%5' 0%BCC%\$=:%
>*#;7, 0-%A-*;0>";*#%\$<%#%\$+0' 7\$;0%30>\$7:0%#+7;:-2@%*, , ";, 0#;:%\$-0%1 *=7#;-\$-2/%37;%' 0%97+. 0:%
<' *%7A' 0=+% ' 0%BCC@%T\%V%-7=0:%+"% *%A-0>":0=2%30>\$7:0%' *%0%7=0:% **%<0-0%1 *=7#;-\$-24%8%' 02% \$" +%\$%#%
EIG%<0-0%*% *+=%;:0-8%*7;%' *%#*#;7, 0-:%\$:%*880-"#. %' 0, %\$%#D+";0+%0-1">0%\$;' 0-%' \$%#%#+">:", "\$\$;0%
"#;0-#0;%\$>0:/%%;<*7=+%3-"#. %;:%0-8%*7;:"+0%' 0%BCC@%7=04%

5' "%:7A-"#. %*#>=:"*%8=* <0+%8-*, % ' 0%BCC@%+08"#;"*#%8%3-\$+3\$#+%#;0-#0;%\$>0:;%0-1">04%5' 0%
BCC@%7=0:%\$AA="0+%#=#2%*%0-1">0:% ' \$;%A-* , ":0+%#07;-\$=;%*#0>";1";24%5' 0%\$, 0% *0:%8-% ' 0%#0<%
A-*A*:0+%7=0:4%5' \$;% \$60:% ' 0%BCC@%\$AA-*\$>' %D:0#;"\$=2%", "-\$-%*% *<% ' 0%B5C%A*=">0@%+0>0A;"*#/%
00>0A;% ' 0%BCC%<*7=+%*:0%97-":+>";*#%D#;"-0=2%*10-%\$%#2%0-1">0%' \$;%#1*1=10+%\$%#2%0\$=-2%+":>=:0+%#*#W
#07;-\$=A-\$>";>04%

5' 0%B5C%32%*#;-\$;:%*7=+% ;"=%D#8*->0%D10-2%0A-0:0#;\$;"*#%\$3*7;%' 7>' %#*#W#07;-\$=;%3-\$+3\$#+%0-1">0/%
A7#":' %D10-2% \$;0-\$%*, "":"*#/%\$#+%\$=:%A*=">0%#*#%#07;-\$=;2%\$:%\$%#7#8\$"-%-%\$#;W>*, A0;"10%A-\$>";>04%
' 0#%;%*, 0:%*% \$-60;#. %0A-0:0#;\$;"*#/% ' 0%B5C% \$:%\$%*;%' *%0\$>' % ' 0%BCC4%5' 0%B5C%<="=%*#;#70%
' *%A-\$2%\$% 7>' %\$-. 0-%*%0%' %\$% *%;%0\$="0+4%B0<%C*#;:";7;"*#%\$>' *\$-%: %DQA0>%' 0%*7-:;%*%7A' *+=%
-0>=\$:"8">\$;"*#%8%3-\$+3\$#+4%#%T\%S/% ' 0%#7+. 0%#-0;:%&\$1\$#\$7.' %\$=0+%3-\$+3\$#+%0. 7-\$;"*#/%\$% \$9*-%
' 70;:"*#%' \$;% ' 0%BCC%\$#@%+0>"+0%<";' *7;%7#\$, 3". 7*7:%\$7;' *"-;24%5' 0% 7A-0, 0%*7-;%' \$:"#>0%;-7>6%
+<#%\$%0<%*8%\$. 0#>2%\$>:"*#;%7#+0-%' 0% \$9*-% 70;:"*#%+>";"#04%5";=0% <*%0>-\$:"8">\$;"*#%:%\$=, *%;%
>0-\$#=#%00;%37;%' 0% 62%< *#@%\$%<";' *7;%BCC%7=0:4%\$;% #:@%\$=0#%20;4%5' 0%B5C%<="=%*#;#70%*%30%
' 0%0\$-%*A%#%# ' 0%#0;%#07;-\$=;2%30\$;%37;%' 0% **%#0-%' 0%*, , "":"*#%DQA=\$"#:%;:%\$AA-*\$>' 1%' 0%30;0-4%
C*, , 0#;:%*% ' 0%BCCW

F*7. -\$:%B\$--\$-(%

5' \$#6%2*7/%HO-"#4%# *--2%<0@0%*10-4%P' 1%' \$#6%2*7%10-2% 7>' 4%D=6". ' ;/%#00;%7A%:'g*' \$"3%D' , 0+4%
g*' \$"30%

g*' \$"3%D' , 0+(%

5' \$#6%2*74%)*+*% *-"#. %D10-23*+24%M2%#\$, 0%:'g*' \$"3%D' , 0+4%@% % ' 0%CCP%\$#+%C*W8*7#+0-%*8%
L0:0, 3-0%DE4%P10-%' 0%\$%;%8"10%20\$-:%<0@10%300#%0-\$;#. %0#0-\$;"10%1*">0%0>' #*%=. 2%<*-6"#. %<";' %
0#;0-A-"0:%\$>-%:;% ' 0%U#";0+% ;\$;0:%\$#+%\$>-%:;% ' 0%< *=-+4%? 0@0% \$+0%1\$-"*7:%*#;-"37;"*#:%*%*AO#%
' *7->0/%A73=":' 0+%A\$A0-%*#%1*">0%=%*#.#. /%\$#+%*10-%' 0%\$;% <*%20\$-:%<0@0%0\$=2%A7;%'#%\$%*%;*8%D88*-;%
\$#+%8*>7:%* <\$-+;%<' \$;%<0%\$=%\$#;"1"-7:%*8;<\$-0%8*-1%1*">0%=%*#.#. 4%@;%10-2%0-\$-%' \$;%DE%\$#+%0#0-\$;"10%
DE%\$#%30%*, 0<' \$;%*#;-*=0+%32%0. 7-\$;"*#/%37;%'#%00+:%*%*%6% * <\$-+;%A-\$>";"#0-%%*%-0\$;0%

\$#*;' 0-%*, AO;"*-%<' *%<\$:%3*7.' ;%*7;%32%M*#+0=0_/%' 0%CCP/%<' *% \$"+% AO>"8">=\$=2/9N5' \$;@%<' \$;% ' 02%
+*4N%# *%' 02%\$-;"8">=\$=2%* <0-%' 0"-%A->0%*% \$60% 7-0%<0%\$#@% 0;%* #%' 0=10:/%\$#+%' \$;% ;"8-0:%' 0%
>*, AO;"*#4%P#%* A%*8%' \$;/%<0% \$+%\$%\$;0. *-2%\$A;\$"#%::704%\$;0. *-2%\$A;\$"#:%\$-0%

c="&\$%\$::*88%

D-0%7:7\$=2% 7A0-, \$-60;:%' \$;%3-#.%#%' 0"-%\$-. 0:;%10#+*-%/\$#+%' \$;%10#+*-%:%0:A*#:"3=0%*-%' 0%
A=\$>0, 0#;%*8%010-2;' "#.%#%' \$;%\$;0. *-2/%<' ">' %:/%32%+08"#;"*#/%*#8=">;%*8%#;0-0:;/%\$#+%' \$;%:%
:* , 0;' "#.%' \$;%' 0%*, , "::-*#%' *7=+%30%*6"#.%\$;%\$;%<0=4%HO>\$7:0%<' \$;% \$AA0#:%:2*7% 0;%#>-0\$;0+%
A-">0:%*%*#;7, 0-:/%\$#+%\$;%\$%", 0%*8% ". '%A->0:/% *% \$#2%*#;7, 0-% **+:;%\$-0%<'; %*% \$#2%*#;7, 0-%
. **+:4%5' 0%B0+0-\$=5-\$+0%\$*, , "::-".) 1(' %) -1(-\$+) -1(0%) -1(1) -1(0#) -1(+4(; ' %) -0.001+0% \$+%)%2(:) -1(*-2) 1(/%) 6:6160(,

A\$#+0, ">%\$7:"#.%' \$=0#. 0:%302*#+% 0\$:7-0/%A-*80:."*#\$=-%\$-0%+ -* <#"#. %%%-2"#. %*% 0=A4%G=0\$:0%600A%
% %T*3T:(\$:0>) -1(30) 1;-2"*AA-*8300\$:0-+*:(\$:0:(0) 1(:' 0%A-*8) -:6-1(0) 1(#. \$-1(30) 1) 1(0) #1(0) 8A-*8) -;0(%

-0\$: *#: /%<0%; - *#. =2%0#>*7-\$. 0%' 0%*, , " : " *#% *%0>* . #_0%' 0%A* : " ; " 10%* --0-\$; *#%30 ; <00%# = *7+ %>* , A7 ; #. % 0-1">0 : %\$# + % + ". ; \$%0>* *# , 2% - * < ; ' %8%- , \$ = %37 : #0 : 0 : /%\$# + % < 0%7 - . 0%' 0%*, , " : " *#% *% A7 - : 70%A * = ">0 : %' \$; %< = %8 * : ; 0 - %\$% 0\$ = ; ' 2%\$# + % * , AO ; " ; " 10% = *7 + %0 > * : 2 : ; 0 , 4%5 ' \$ #6%2 *7%8 * - %2 *7 - %" , 04%

F*7. -\$: %B\$ - - \$ - (%)

5' \$ #6%2 *7%10-2% 7>' /% 0\$##\$4%5' \$ #6%2 *7%\$ = %8 * - %2 *7 - %A\$; "0#>04%? 0% \$10%\$3 *7 ; %8 *7 - %AO\$60 - : %08 ; /%\$# + % ; ' 0%#00 ; %AO\$60 - : %A : %A' %Y\$#%? 204% : %A' 0%

X* : %A' %Y\$#%? 20(%)

5' \$ #6%2 *7%10-2% 7>' 4%M2%\$, 0% : %*0%Y\$#%? 20%\$# + %@ , %' 0%A * = >2%\$# + %*7 ; -0\$>' % + -0> ; * - %\$; %B\$ - , %0> ; " *# /% \$%8\$ - , 0 - %0 + %# * #A - *8 ; %* - . \$# _ \$; " *# # < * - 6" # . % * %8 . ' ; % * # * A * = 2%A * < 0 - %\$# + %A - * , * ; 0% * , AO ; " ; " *# * # * # * 7 - % 8 * * + % 2 : ; 0 , 4%? 0% < *7 = %60% *% ' \$ #6% ' 0%C' \$ - %\$# + % ' 0%0# ; -0% * , , " : " *# %8 * - % * = + # . % * + \$2@ % * AO#% , 00 ; # . /%\$# + %8 * - %2 *7 - %00 > 0 = 0# ; % < * - 6% * %8 * : ; 0 - % * , AO ; " ; " *# \$ > - * : : % * 7 - %0 > * * * , 2 /% AO > "8" > \$ = 2%#% ' 0% \$. - > 7 = ; 7 - \$ % 0 > ; * - 4%

B' - : /% < 0% < # ; % * % * , , 0# + %2 *7%8 * - %A73 = : ' # . % # 0 < % * , A - 0' 0# : "10% 0 - . 0% 7" + 0 = #0 : %0\$ = - 0 - % ' " : %20\$ - 4% 5' 0 : 0% 7" + 0 = #0 : % \$ - 6%\$% 7 - # " # . % A * # ; % # % * 7 - % * 10 - # , 0# ; @ %AA - * \$ >' % * %\$# ; " ; - 7 : ; %0#8 * - > 0 , 0# ; %\$# + %\$ - 0% A - * * 8%A * : " ; "10% ' \$; %\$ - . 0 : ; %\$. - >' 0 , "> \$ - % * , A\$ # 0 : /% - * > 0 - 2% ' \$ # : /%\$# + % 0\$; %A\$ > 60 - : % < " = # * % * # . 0 - %30% \$ = * < 0 + % * %0# . \$. 0%#% ' 0% = 0\$ - 2%\$# ; "> * , AO ; " ; "10% \$ >' 7" : " ; * # : % ' \$: % \$10% * # 0%7# >' \$ = 0# . 0 + %#% ' 0%A\$: 4% ? 0% * * 6%8 * - < \$ - + % * % ' 0%# \$ = _ \$; " * # % 8% ' 0 : 0% 7" + 0 = #0 : %\$# + % ' 0%3 * = + %0#8 * - > 0 , 0# ; % 0 . " , 0% ' 02% * 7 ; = # 0 + 4%

10 > * # + /% < 0% < 0 - 0%A = 0\$: 0 + % * % 00% ' 0%B5C%\$# + %FPX% < * - 6% * . 0 ; ' 0 - % * %A - * A * : 0% * 10 + 70%7A + \$; 0 : % * % ' 0% J\$ - ; %I > * ; %I L * + # * %A - 0 , 0 - . 0 - %8 = # . %8 * - , 4%JIL%8 * - , : % ' * 7 = + %30%\$ 0 = A87 - % * * %8 * - %0#8 * - > 0 - : /%\$ = * < " # . % ; ' 0 , % * % \$; ' 0 - %#8 * - , \$; " * # %\$ 3 * 7 ; %\$%A * : 0# ; "\$ = 0\$ - /%\$# + %\$# 2%\$# ; "> * , AO ; " ; "10%0880 > : ; % ; % " . ' ; % \$104% J * < 010 - /%\$: % \$ - 60 ; %01 * = 10 + %\$# + % * 7 - %0 > * * * , 2% \$: %30 > * , 0%010 - % * - 0% * # > 0# ; - \$; 0 + /% ' 0 : 0%8 * - , : % \$10% 8\$ - 0 + % * %A - * 1" + 0% ' 0%0 ; \$ = : %0 > 0 : : \$ - 2% * %7# + 0 - : ; \$# + % ' 0%0\$ = % , A\$ > ; % ' 0%0\$ = % " . ' ; % \$104%? 0 @ 0% A\$ - ; "> 7 = - 2%A = 0\$: 0 + % * % 00% ' 0% * , A\$ # 2% 006" # . % * % 0 - . 0% < 0 @ = \$10% * % + "17 = . 0% * - 0%#8 * - , \$; " * # %\$ 3 * 7 ; % - 0 . " * # \$ % * # > 0# ; - \$; " * # %0880 > : ; /%\$: % 0 . " * # \$ % * # > 0# ; - \$; " * # % : %A\$ - ; "> 7 = - 2% 0 = 01\$ # ; % * %8 * * + %\$# + %\$. - > 7 = ; 7 - 0% , \$ - 60 : ; 4%? 0%7 - . 0%2 *7% * %\$ > ; % 7" > 6 - 2%#%8" # \$ = _ # . % ' 0 : 0%7A + \$; 0 : 4%

! \$; : 2 /%B\$ - , %0> ; " * # % ' \$ #6 : %2 *7%8 * - %2 *7 - % = * : 0% > - 7 ; # 2% * % ' 0%A - * A * : 0 + % 0 - . 0 - %8%8 * - . 0 - %\$# + %0 = 30 - : ; * # : /% ; < * %8% ' 0%\$ - . 0 : ; % - * > 0 - 2% "\$# ; : %#% ' 0% * 7# ; - 24%? 0\$AA - 0 > \$; 0%2 *7 - %088 * - : ; % * % \$; ' 0 - % * - 0% + 0 ; \$ = %8 * - , % \$880 > ; 0 + %A\$ - ; "0 : % * # < ' \$; % , A\$ > ; : % < 0% " . ' ; % 00%8 * - , % ' : % 0 - . 0 - 4%B\$ - , %0> ; " * # %30 = 010 : % ' \$; % ' * 7 = + % " : : % + 0\$ - %30%\$ = * < 0 + /%30 > 7 : 0% * 8% ' 0%\$ = 0\$ + 2% " . ' = 2% * # > 0# ; - \$; 0 + % 0 ; \$ = % - * > 0 - 2% \$ - 60 ; %\$# + % ' 0%10 - ; "> \$ = 2% "# ; 0 . \$; 0 + %\$; 7 - 0% * 8% ' 0 : 0% * , A\$ # 0 : /% < 0% \$ # %0A0 > ; % * % 00%8\$ - , 0 - % # > * , 0% + 0 > - 0\$: 0%#% ' 0%8\$ > 0% * 8% & - * . 0 - @ %3720 - %A * < 0 - /%8\$ - , % * # > 0# ; - \$; " * # % # > - 0\$: 0%\$: %8\$ - , 0 - : 006% * % 00 ; % ' 0% > - 0% + 0 , \$ # + 0 + %32% ' 0% # 0 < %0# ; " ; 2 /%\$ \$: % * 8% = * : 7 - 0 : % * 8%3 * ; ' % # 0 < %8 * - . 0 - % ; * - 0 : %\$# + % # + 0A0# + 0# ; % - * > 0 - 2% ; * - 0 : /%\$# + % # > - 0\$: 0 + % A - "> 0 : %8 * - % * # : 7 , 0 - : 4%? 0%7 - . 0% ' 0%B5C% * %3 = * > 6% " : : % + 0\$ = 4%5' \$ #6%2 *7%\$. \$ # %8 * - %2 *7 - % < * - 6% * %A - * ; 0 > ; % 8\$ - , 0 - : /% \$ # >' 0 - : /%\$# + % * # : 7 , 0 - : %\$# + %8 * - % ' 0%AA * - ; 7# ; 2% * % AO\$6% * + \$24%

F*7. -\$: %B\$ - - \$ - (%)

5' \$ #6%2 *7%10-2%088">0# ; %7 : 0% * 8%2 *7 - % < * % " # 7 ; 0 : % ' 0 - 04%P6\$2 /% < * % * - 0% AO\$60 - : 4% & - " : ; "\$ # % & \$; * # \$ 0%) * % \$ ' 0\$ + 4%

& - " : ; "\$ # % & \$; * # \$ (%)

KO : /% * * + % * - # " # . /%\$# + % ' \$ #6%2 *7%8 * - % ' 0% * AA * - : 7# ; 2% * %A - * 1" + 0% * , , 0# ; : %\$: %A\$ - ; %8% ' " : % * AO#% > * , , " : " * # % 00 ; # . 4% @ % & - " : ; "\$ # % & \$; * # % /%Y">0%G - 0 : " + 0# ; % * 8%) = * 3\$ - %C * , AO ; " ; " * # %L0 . 7 = \$; * - 2%G * = > 2%\$; % CCED /% ' 0%C * , A7 ; 0 - %\$# + %C * , , 7# "> \$; " * # : % # + 7 ; : - 2% D : : * > "\$; " * # /%\$# + % 2% ' * - ; 0 , \$ - 6 : % * + \$2 < " = %8 * = * < % 7A% * # % ' 0% * , , 0# ; : %CCED% 73 , " ; ; 0 + %#% 0 : A * # : 0% * % ' 0% * , , " : " * # @ %1 (\$6) 1 * * 2# > - 0 : A * # X7# (P) 1 (6P < < /MCID & - /# /6A61

[#%' 0P88">0%*8%50>' #*=' . 2/VM\$+0=0"#0%/\$-#0-/%D=00%) \$2#*-/%F\$1"+%C*0/%\$#+% ;OA' \$#"0%Z. 720#4%#%' 0%
P88">0%*8%) 0#0-\$%C*7#:0=%L">' \$-+%M>C7#04%#%' 0P88">0%*8%G73=">D88\$"-:/%K7="\$#\$%) -70#<\$=%J0#+0-: *#%
\$#+% ' 0%0#; "-0%<03%0\$, 4%D#+%#%' 0P88">0%*8%' 0%Q0>7;"10%F"-0>; *-/%088% ;\$#+ "80-%\$#+% ;OA' \$#"0% , " ;' 4%
5' \$#6: %*%010-2*#0%8*-%2*7-%-7>"\$=% 0=A4%D. \$"#/%8*=-6:/%*%0\$-#% * -0%\$3*7;%' 0%' \$=0#. 0/%A=0\$:0% *%*%
8;>4. *1j8;>W1*(/%) -3. Tc6%#. 0>(*) 1(=#.) 1(\$. /%) -3. Tc6Tc24. 1990Td(W) Tj5Tj-902Tc0. 3050(; ' 0%' \$=) -1(=) -1(001(; *%)] TJB/T

>*, A\$-0+% ' 0% 0>7-";2%' \$;%=>7+% 0-1">0:%\$#%A-*1"+0% *%' 0% 0>7-";2%' \$;% * -0%-0\$+";"*#%\$=#WA-0, ":0%
A;"#:%A-*1"+04%J". ' =" . ' ;"#. %' \$;% ' 0%=>7+% 0#0-\$=2%A-*1"+0:%\$% ". ' 0-%3\$:0=#0%010-%*8% 0>7-";24%
J* <010-/%* ;' 0-:%>7:%*#%' 0%\$-0\$:%*8%=>7+% 0>7-";2%' \$;%>7=+%7:0%, A-*10, 0#;4%B*-%00\$, A=0/%* , 0%

, 7;"A=0#"880-0#;%' -0\$+:%'8*7-% ":'*#%\$#+% \$6"#.7-0%<0@0%' "#6"#.%\$3*7;%' 0, % *=";>=\$=2%\$>-' :% *7-% ":'*#%\$-0\$:%%\$%0\$=2%02% *%30"#.%\$3=0% *% \$>6=0%' * :0%A-*3=0, :%0880>;"10=2%\$#+%<";' %\$%08=0>;"*#% *8% * <%' 0% \$-60;:%\$-0%\$>;7\$=2%*A0-\$;#.4% *% @, % *% -\$;087-% *%010-2*#0%<0@0% 0\$-+%>*, % *+2%\$#+% *% ;' 0%\$>;%' \$;%<0% \$10%' 0:0%>*:W\$. 0#>2%0\$, :%' \$;%\$-0%< * -6"#.% *% *% =3*-\$;"10=2%\$#+% ' *7.' ;87=2% *% ;\$>6=0%' 0:0%0\$=2%7; ;#.W0+. 0%: :70:4%

HO+*2\$(%)

5' \$#6%2*7%/' \$-%&' \$#4%D#+%<*7=+%;%30%*6\$2%*%\$%:6%' 0%0\$, %\$% 70:;'*#%-%<*%#%' ":%*#;0Q;0%P6\$2%/' -0\$;4% *%60%2*7%/' \$-%&' \$#%\$#+%#60%* , , ":'*#0-%4-\$7.' ;0-%@, %10-2% -\$;087=%*-%\$=%' 0%<* -6%' \$; %<0#;#%;*%' ":%>*, %\$>-' :%' 0%\$. 0#>24%\$ \$+% <*% 7>6% 70:;'*#;4%5' 0%8"-:;%<\$:/%<\$:%A\$-; ">7-\$=2% "#;0-0;0+%#%' 0%8"#+"#. :%\$-*7#+%#*7+%\$#+% 0#0-\$;"10%DE4P31"*7:=2%*, A7;0%:%\$%602%#A7;#%;* 8*7#+\$;#*#% *+0=%\$#+"#.' ;#%<%#% 0#0-\$=%' 0% * -0%>*, A7;0%' 0%30;0-4%

E%<\$:%<*#+0-#.%8%2*7@%0>0"10+%\$#2%#+">";*#%8-*, %' 0%*, , 0#;:%>-\$#2%\$=0.\$;"#:%#%' 0%*, , 0#;:% ;' \$;%>*7+%*, A7;#.A-*1"+0-%<0-0%\$;-#.% *%7:0%' 0-%A*:"*#%\$:%A-*1"+0-%*8%' ":%602%#A7;%#%\$%<\$2% ;' \$;% ".' ;30%\$#;">*, A0;,"104%D.\$#/%' 0:0%<*7=+%30%\$=0.\$;"#:%' \$;%<0%<*7=+%#*%;\$10%*60+%#;*/% 37;%7-"*7:%8%2*7%\$<%\$#2%*8%' \$;%#% 0#0-\$4%D#+% ' 0#%0A\$-\$;0=2%/' 0%J&#: :70+%\$%0A*-' ;%#%8*7#+\$;#*#% , *+0=%' \$;%*60+%\$;%*, A7;0%\$:%#0%*8%' 0%602%#A7;:4%D#+%@, %<*#+0-#.%8%<' \$;2*7%\$<%>*, %' 0% >*, , 0#;:%\$#+% ' 0%LBE%0:A*#:0:%*%\$%#=#. #0+<";' %' 0%8#+"#. :%8%' 0%J&CMD:%0A*-' ;%>-"880-0+%#%\$#2% "#;0-0;#.%<\$2:4%

Z">6%*#0:(%)

I7-04% *%@ % \$AA2% *% \$60%0-;\$#-2%' 0%8"-:;%#04%#%' "#6%*#0%' "#.% *%600A%#%' "#+%<";' %' 0%>*7+%LBE <\$:%' \$;%<:\$%*A0#0+%\$%";;=0%3";%D\$=-0-%' ":%20\$-4%D#+% *% * , 0%*8%' 0%::70:%' \$;%<0@0%\$;-#.% *%00% 3*;' %#%A73">%0A*-' ;#.%\$#+%#%#%;' 0-%":>7:~*#%:/%<0% 0\$-+%\$%";;=0%3";%0::%\$3*7;%7:;% "10#%' \$;%<:\$%#% DA-=\$#+%M\$24%17;%%' "#6%' * :0%\$-0%: :70:%' \$;%%0QAO>;<="=>*#;#70% *%\$-":04%

D#+% ' 0-0%<0-0%\$%80<%73, ":'*#:%' \$;% ".' =.' ;0+% ' \$;% ' 0:0%\$-0%\$-0\$:%*%<\$;>' %\$#+% ' "#.:%' \$;%>*7=+% 30>*, 0% * -0%A-*3=0, \$;">4%K0\$/' % *%%' "#6%<0@0%\$;-#.% *%00% * , 0%A73">%0A*-' ;#.% ' \$;%7.. 0:;:% ;' \$;% \$2%30%' 0%\$%:0/%37;%' 0%" , 0="#0%<\$:%\$%";;=0%3";%D\$=-0-%*#% * , 0%*8%' 0%::70:%' \$;%<0@0%00"#.% *#<4%&-".' /%#*%2*7%<\$#;% *%\$++%0", ' 0-% *% ' \$;% *-% ' 0%0>*#+%#00%

&-".' \$%CO-"=(%)

D=%".' ;4%\$%>*7=+% \$60%' 0%0>*#+%#04%#%<*7=+%#+">0%* , , ":'*#0-%40+*2%\$' \$;%@ *%' "#6%' \$;% ' 0% :73, ":'*#:%' \$;%<0%0>0"10+%<0-0%*#":;0#;#%\$%#7, 30-%*8%<\$2:%<";' %' 0%8#+"#. :%*8%' 0%J&#%' 0"- 8*7#+\$;#*#% *+0-4% * , 0%*8%' 0%1\$-"*7:%' 0, 0:%' \$;%<0% 0#;"#0+%\$3*7;%>*7+%*, A7;#.30"#.% A\$-;">7\$=-2%, A*-\$;#;%\$%8*7#+\$;#*#%*-DE%0>' #*="."0:%<\$:%*0%' -*7.' %"#0%#%' 0"-8#+"#. :%\$%<0=4%

HO+*2\$(%)

5' \$#6%2*7%3*;' 4%D#+% ' \$#6%2*7%\$=4%

C' \$-%&' \$#\$(%)

K0\$' /%0\$=2%\$=0#;% 70:;'*#:%\$#+%#%0\$=2%\$AA-0>\$;0% * <%' 0%0\$, %:% *#.%\$20-%32%\$20-\$>-' :%' 0% :;\$>6%*%8". 7-0%*7%<' \$;% ".' ;30%' 0%0-01\$#;#: :70:%#%D\$>' %\$-0\$4%? 0=%' \$#6:% *% 7>' %\$. \$#"/%&-".' \$% \$#+%Z">6/%* , , ":'*#0-%4-\$7.' ;0-%\$#+%40+*2%1%/"% \$-6%' 0%D#+%*8%*7-% 00;#.4%D#+% ' \$#6:%\$. \$#"#%\$=:% *% ;%\$#=%*8%' 0%A73">%A\$-;">A\$#;:%<' *% ' \$-0+%\$%* , , 0#;%\$;% ' 0%30."#"#.4%L0\$=2% -0\$;% *%00%010-23*+24% 5' \$#6:% *% 7>' 4%

