

# SOLA4952, SOLA9452

F YgYUfWx 'H\Yg]g'6

HYfa %Z &\$&&



7ci fgY`Cj Yfj ]Yk

GHJZZ`7cbhJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWUjcb	D\cbY
A Yf]bXY`? Um	<a href="#">a " Um4 i bgk "YXi "Ui</a>	Ya Uj`hc`a U_Y`Ub Uddc]bha Ybh	H9H6`fcca &%)	- \$* ) `) ) &\$
A i fUX`HUmYV`YY	<a href="#">a "hUmYV`YY4 i bgk "YXi "Ui</a>	Ya Uj`hc`a U_Y`Ub Uddc]bha Ybh	H9H6`fcca &( &	Ž *%&`- \$*) *%&,

GWcc``7cbhJW`bZcfa Uh]cb

GWcc``cZD\chcj c`hJ]WUbX`F YbYk UV`Y`9bYf[ m9b[ ]bYYf]b[

9a Uj`. [gdfY`Yh`UW`\]b\[ 4 i bgk "YXi "Ui](#)







# H\Yg]g'K ]h\XfUk U'ž'Gi gdYbg]cbž'UbX'H]a Y'9I hYbg]cb

F Yei Yghg'Zcf'hYg]g'k ]h\XfUk U'ž'gi gdYbg]cb'cf'YI hYbg]cbž'W\Ub[ Y'cZgi dYfj ]gcf'g\ci 'X'VY'a UXY ]b'k f]h]b[  
hc'hY'H\Yg]g'7 ccfX]bUhc'f" H\Y'Zc'ck ]b[ 'dfcW\Xi fYg'UbX'fi 'Yg'k ]'VY'Udd'YX'k \Yb'U'ghi XYbhk ]g\Yg'hc  
k ]h\XfUk 'Zca ž'cf'gi gdYbX'GC @5 (-) &# ( ) &" H\YgY'fi 'Yg'gi dd'Ya Ybh'hY'I BGK 'XYUX']bYgž'W\cbX]h]cbgž  
UbX'dfcW\Xi fYg'Zcf'k ]h\XfUk ]b[ 'Zca 'U'Wci fgy"

D@95G9'BC H9. 'H\Yg]g'7 'a i ghVY'Wca d'YhYX ]b'hY'hYfa 'Zc'ck ]b[ 'H\Yg]g'6

% " Ɂ'Yj YfmWUgY'k \Yfy'U'ghi XYbhk ]g\Yg'hc 'dcgh'cbY'Wca d'Yh]cb'cZ'hY'h\Yg]gž]"Y" 'hc'gi gdYbX'k cf\_  
UbX'Wca d'Yh' hY'h\Yg]g' ]b'U'U'hY'f'gYgg]cbž'k f]h]b'Uddfcj U'cZ'hY'gi dYfj ]gcf'a i gh]Z'fghVY  
cVh]b]bYX'VY'Zcf'gi Va ]h]b[ 'U'k f]h]b'fYei Ygh'hc'hY'h\Yg]g'7 c!cfX]bUhc'f"

H\Y'gi dYfj ]gcf'a UmfYž' gY'Uddfcj U'Zcf'U'j Uf]YhmcZfYUgcbgž'Y"[ " 'h\Uh'hY'bYW'ggUfmZUW]h]Yg'k ]'bc  
'cb[ Yf'VY'Uj U]UV'Y'Uh'hY'U'hY'f'XU'hY'ž'h\Uh'hY'gi dYfj ]gcf'k ]'VY'UVgYbž'cf'h\Uh'hY'ghi XYbh\Ug'U'fYUXm  
\UX'cj Yf'cb[ 'h]a Y'cb'hY'dUfh]W 'Uf'h\Yg]g'hc'd]Wž'YhW

K \Yb'U'gi dYfj ]gcf'ZYY'g'h\Uh'U'ghi XYbh]g' ]bWUdUV'Y'cZgi W'W'ggž' 'm'Wca d'Yh]b[ 'h\Y'gY'YW'X'h\Yg]g'hc'd]Wž'  
h\Y'gi dYfj ]gcf'g\ci 'X'g'fcb[ 'mUX' ]gY'hY'ghi XYbh'hc'k ]h\XfUk 'Zca 'h\Uh'dUfh]W 'Uf'hc'd]WUbX'gY'U'U'byk  
cbYž'dcgg]V'mk ]h'U'X]ZYfYbhgi dYfj ]gcf"

% " 5'ghi XYbhk \c' ]g'dYfa ]h]X'hc'k ]h\XfUk 'k ]h'ci hZU]i fY'Zca 'gi VYW'GC @5 (-) &# ( ) &'g\ci 'X'fY!  
Ybfc' ]b'hY'Zc'ck ]b[ 'gYgg]cb'k ]h'U'H\Yg]g' Bca ]bU]h]cb': cfa " 'Bch'Y'h\Uhi bXYf'bcfa U'  
W'fW'a gh]bW'g'X]gW'cb]bi U]h]cb'k ]h'ci hZU]i fY'cf'Z]bUbW]U'dYbU'm]g'dcgg]V'Y'cb'mi d'hc'hY  
7 Ybgi g'8 U'h"

&" K \Yb'U'ghi XYbh]g[ fUb'hY'X'Ub'YI hYbg]cb'hYfy'a UmVY'U'dYbU'mfYgi 'h]b[ ' ]b'U'fYXi W]cb'cZ'hY  
h\Yg]g'a Uf\_"H\ ]g'k ]'VY' ]a d'cgYX'UW'W'fX]b[ 'hc'fi 'Yg'Uddfcj YX'Vm'hY'h\Yg]g'7 ccfX]bUhc'f'UbX'k ]'  
VY'XcbY'U'Z'Yf'W'cbgi 'h]h]cb'k ]h'hY'h\Yg]g'gi dYfj ]gcf'"Gi dYfj ]gcf'g'UbX'UggYggc'fg'a Uf\_]b[ 'hY  
h\Yg]g'g\ci 'X'\ck Yj Yf'Uk UfX'U'a Uf\_'Ybh]fY'mcb'hY'a Yf]hg'cZ'hY'h\Yg]gž'hY'fYXi W]cb'hYb'VY]b[  
a UXY'gi VgYei Ybh'mVm'hY'h\Yg]g'7 c!cfX]bUhc'f"

5ggYgga Ybh

DfYgYbHh]cb

5`gi Va ]gg]cbg'UfY`YI dYWYX'hc`VY`bYUhiUbX`WYUfmgYhici h`Mci f`fYgi`hg`UfY`hY`d]bbUWY`cZU`mci f`UfX  
k cf`\_`UbX`g\ci`X`VY`fYUfX`k`]h`Xi`Y`fYgdYW`DfYgYbh]b[`fYgi`hg`WYUfmi[`j`Yg`hY`a`Uf`Yf`hY`VYghWUUbWY  
cZi bXYfghUbX]b[`mci f`a`Y`h`cX/Yj`Yb`]Z`hY`bi`a`Yf]WU`fYgi`hg`UfY`]bW`ffYW`

Gi Va ]gg]cb

K cf`\_`gi Va ]hYX`UfY`k`]h`ci`hUb`Uddfcj`YX`YI`hYbg]cb`Vm`hY`W`i`fgY`W`cfX]bUf`f`cf`XY`Y[`UfYX`Ui`h`cf]h]m]g

% DUFhWdUhc b - UggYggYg hY ghi XYbrg Wca a ]ra YbhUbX Yb[ U[ Ya Ybhrc hY dfc YW hUggYggYX Vm  
 hY gi dYfj ]gcf ! gYY dUfhWdUhc b W]hYf]U XcW a Ybh fE ggYggYX c] Yf H\Yg]g 5ž6 UbX 7 Ł  
 &" : ]bU F Ydcfh - hY Z]bU hYg]g XcW a Ybh fH\Yg]g 7 Ł  
 ' " 8 ]ggYa ]bUhc b cZk cf\_ - Gh XYbrg k ] dUfhWdUhc ]b Ub cb ]bY" !a ]bi hY hYg]g dYfYg YbhUhc b  
 dYfYg Ybh]b[ hY ]f k cf\_ fH\Yg]g 7 Ł

5 hUV Y k ]h Ub c] Yfj ]Yk cZ hY XY ]j YfUV Yg ]g dfcj ]XYX ]b hY 7 ci fgY Ci h]bY Zcf GC @5 ( ) - %# ( - ) %

f : cf Ubmigh XYbhk Ub]b[ hc Wca dYhY H\Yg]g 6 UbX 7 WcbW ffYbh mž UXX]h]cbU UggYgga YbhW]hYf]U k ]  
 VY di h]b d UW " #k ] VY YI dYW X hUhUmigh XYbh fYei Ygh]b[ h ]g k ] VY Uhi hY ghU[ Y cZgi Va ]h]b[ "%  
 hY ]hYfU h fY fYj ]Yk k ]h d fY ja ]bUf m fYgi hg ]bW X YX " H\Ymia i ghVY Uhi U 8 B Yj Y Zcf U UgdYWg hc VY  
 U ck YX hc a c] Y hc Z]b]g \ ]b ]b h c hYfa g " &" hY dfc[ fYgg fYdcfh XcW a Ybhk ] VY Xi Y k YY \_ " cZ hYfa &  
 cZ hYg]g ž ]ZbchU h U 8 B Yj Y hY ghi XYbhk ] \Uj Y hc [ c VUW Xck b hc hYg]g 6 cb m

5ggYgga YbhUg_	K Y][ \ h	8i Y 8UH	7ci fgY @YUfb]b[ Ci hWca Yg 5ggYggYX
% Dfc[ fYgg i dXUH	B #5	\$( # \$ # & \$ & \$ ) . \$ \$ DA	%ž &ž' ž)
&"GYa ]bUf	%\$i	& # \$ # & \$ & \$ , . \$ \$ 5A	%ž &ž' ž ( ž)
' " Dfc[ fYgg i dXUH	) i	% \$( # \$ # & \$ & \$ ) . \$ \$ DA	%ž" ž)

5ggYgga Ybh% Dfc[ fYgg i dXUH

5ggYgga Ybh Yb[ h. % & dU[ Yg  
 Gi Va ]gg]cb bchYg. gi Va ]hrc A ccX Y UbX Ya U] U Wcdmhc mci fgi dYfj ]gcf  
 8i Y XUH. \$( # \$ # & \$ & \$ ) . \$ \$ DA

Dfc[ fYgg i dXUH - U Zcfa cb a ccX Y k \ YfY mci i dXUH mci f dfc[ fYgg ž UbX hU \_ UVci hUbmic VghUWYg cf  
 WkUb[ Yg hc mci f cf ] ]bU d Ub"

5ggYgga YbhW]hYf]U

Bc a Uf\_g [ ] Yb Vi hU XYXi W]cb cZ & ) i Zca dUfhWdUhc b a Uf \_ ]Zbchgi Va ]hYX " 8 ]gW gg mci f dfc[ fYgg  
 k ]h mci fgi dYfj ]gcf Zcf ZYXVUW "

5XX]h]cbU XYhU]g

H\]g k ] Wca df]gY U % & dU[ Y XcW a Ybh fY d UY cb a ccX Y E YI d U ]b]b[ hY d Ub g Zcf hYg]g 6 Zcf mci f  
 dfc YW U fci [ \ U mci hcZ hY a Y h c X c c [ mZcf hY dfc YW ž UbX k \ Uh mci \ Uj Y U W Wca d ]g \ Y X gc ZUf "







5ggYgga Ybh' . Dfc[ fYgg' l dXUH

5ggYgga Ybh'Yb[ h. 'a Ul ]a i a 'cZ) 'dU[ Yg' bch]bWi X]b[ 'hY' hUV'Y'cZW' bH'bhg  
 Gi Va ]gg]cb' bchYg. 'D'YUgY'gi Va ]h'c' A ccX'Y' gYW]cb' f5ggYgga Ybha Uf\_]b[ 'Zc'f'8Y'j] YfUV'Ygfi  
 8i Y'XUH. '% #\$( #&\$&&\$) .\$\$'DA  
 8YUX' ]bY'Zc'f'UVgc' i h' 'ZU]'. ' ) 'XUm]g'UZh'f'hY'Xi Y'XUH

Dfc[ fYgg'F Ydcfh# dXUH' -'h]g'g'ci 'X'W'a df]gY'U'hYg]g' hUV'Y'cZW' bH'bhg'ci h]b]b[ 'hY' gfi Wi fY'cZ'hY  
 hYg]g" hY' hUV'Y'cZW' bH'bhg'g'ci 'X'VY'Ug'WcgY'hc' k \Uhmci 'k ]''di h]b]c' mci f'Z]bU' fYdcfh'5 &!) 'dU[ Y  
 gi a a Ufmc]b[ 'cU'g'UbX' hUg\_g'UW'W'a d' ]g'YX'UbX'Z' h' fY' k'cf\_

H\]g' ]g' bchU'Hi fb]h]b'Ugg][ ba Ybh

5ggYgga YbhW' hYf]U

H\Y'Dfc[ fYgg'F Ydcfhk ]''W'j Yf'hY'Z'c'ck ]b[ 'UgdYW'g. 'fa cfY'XYH]g'k ]''VY' d'cg'hY'X'cb'c' h'Y'a ccX'Y'dU[ Y'k

8YgW]d'hc'f	K Y][ \h]b[	
A Uf_ 'VUbXg		
Dfc[ fYgg'F Ydcfh ]bWi X]b[ 'Z' 'hUV'Y'cZ W' bH'bhg'  fl d'hc' & dU[ Yg' bch ]bWi X]b[ 'hUV'Y'cZ W' bH'bhg'	* \$i	H\Y' hUV'Y'cZW' bH'bhg'g'ci 'X'VY'Ug'WcgY'Ug dcgg]V'Y'hc' h'Y' hUV'Y'cZW' bH'bhg' h'U'hk ]''UddYUf ]b' mci f'Z]bU' h'Yg]g' fYdcfh' #ig\ci 'X'Umci h'hY'Z' '' gfi Wi fY'cZYUW' gYW]cb' cZmci f'hYg]g"  5' hUV'Y'k ]h' h'Y' _YmXYH]g'g'c'k ]b[ 'c'k' mci 'Uj' Y UW' ]j' YX' h'Y' k' cf_ 'U[ U]bgh'hY' 'cf][ ]bU' d'fc' YW'id'Ub' - g'c'k ]b[ 'mci f' [ cU'g'UbX' hUg_g'W'a d'Y'YX"  G'c'k ' _YmfYgi 'hg' UbX' h'Y' ]a d' ]W]h]cbg'cZ'hYgY fYgi 'hg"  5' hUV'Y' h'Y'a d'U'Y' k ]h' 'YI Ua d'Yg'k ]''VY' d'cg'hY'X'cb a ccX'Y
F YZYW]cb'cb Dfc[ fYgg  fl d'hc' & dU[ Yg'k	% i	7 ca dUfYg'UbX' W' bH'bhg' h'Y' h'Yg]g'z'k ]h' ]bXi g'f]U' 'cf ch'Yf'UW'X'Y'a ]WYI dYf]Yb'W'g" '9j U'i U'Y'g' W'X'Ub[ Yg' ]b 'YUfb]b[ 'h'fci [ \ h'Y' h'Yg]g'UbX' X'Y'a cbg'fU]h]b[ 'gY'Z' Uk UfYbYgg'UbX' X'Yj Y'cdg' d'Ubg' h'U'hVi ]'X'cb' h'Y fYgYUfW' 'YI dYf]Yb'W'
F Yj ]gYX' d'fc' YW'id'Ub  fl d'hc' & dU[ Yg'k	% i	8 ]gW' gg]cbg'cb'Z' h' fY' d'fc' YW'id'Ub'UbX' YI dYW'Y'X fYgi 'hg" '5' fYUgcbUV'Y' g'fU'Y' [ m'hc' Ybgi fY' d'fc[ fYgg' ]g g'h'Y'X"
8cW' a Ybh dfYgYbH]cb	% \$i	H\Y' X'cW' a Ybh'Z'c'ck' g'U'W'YUf'UbX' 'c[ ]W] 'gfi Wi fY ]bX]W]Y'X' i g]b[ ' \YUX]b[ g'UbX' ch'Yf'W' b]j' Yb]c'bg' H\Y' fYdcfh]g'j' YfmYUgm'hc' fYUX. 'k Y' 'k f]h'Y' b'z'k ]h' [ ccX'gdY' ]b[ 'UbX' [ fUa a Uf'z'UbX' Udd'f'cd'f]U'Y' 'Ub[ i U[ Y' g'hmY"  F YZYfYb'W'g' ]b' h'YI ha U'h'W' fYZYfYb'W' ]g'h'f'UbX'j ]W'



5hYbXUbW`F`YeI`]fYa`YbHg

7ci`fgY`GW`YXi``Y

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Mci f'gi dYfj ]gcf'k ]`dfcj ]XY`hY`fYgci fWg`mci `bYYX`Zcf`mci f'dfc`YWg"

F YWca a YbXYX`F Ygci fWg

- GHUfhk cf\_`cb`mci f'hcd]WUg'gccb`Ug`mci `WUb`"H\]g`k ]`[ ]j`Y`mci `d`YbhmCZha`Y`hc`UXXfYgg`dfcV`Ya`g`h`Uhmci`a`UmYbWci`bHYf`cb`h`Y`k`Um`
- D`Ub`h`Y`d`fc`[`fYgg`c`Z`mci`f`h`Y`g`g`i`g]b[`z`Z`f`Y`I`Ua`d`Y`z`U`;`5`B`B`H`W`X`U`f`h`z`U`b`X`f`Y`j`]g`Y`h`Y`d`U`b`U`g`]h`dfc`W`Y`X`g"
- GHUfhVmidYfZcfa`]b[`U`f`Y`j`]Yk`c`Z`h`Y`U`j`U`]U`V`Y`"]h`f`U`h`f`Y`c`b`f`Y`g`Y`U`f`W`X`W`ca`d`Y`h`X`]b`h`Y`g`Ua`Y`U`f`Y`U`U`g`mci`f`d`f`c`Y`W`"H\]g`k ]`\`Y`d`mci`Z`f`h`Y`f`X`Y`Z`b`Y`mci`f`h`cd]WU`b`X`h`Y`X`]f`Y`W`]c`b`mci`f`h`Y`g`g`k ]`h`U`\_`Y"
- C`f`X`Y`f`a`U`h`f`]U`g`U`g`gccb`U`g`mci`U`f`Y`g`i`f`Y`k`U`h`mci`b`Y`Y`X"
- 7`V`@`a`f`W`]g`V`]V`]c[`f`U`d`\]W`g`c`Z`k`U`f`Y`h`U`h`U`c`k`g`mci`h`c`a`U`b`U`[`Y`mci`f`f`Y`Z`f`Y`b`W`g`]b`U`X`U`h`U`V`U`g`Y`"F`Y`Z`f`Y`b`W`g`W`b`V`Y`]b`g`Y`f`h`X`Z`c`a`]b`g`]X`Y`A`G`K`c`f`X`X`c`W`a`Y`b`h`g`h`c`W`f`Y`U`h`]b`h`Y`I`h`W`]h`h`c`b`g`U`b`X`

.....hUghb[ 'cf'ga Y`b[ žY"[ "ZcXg

.....UbXžcZwci fgYžXfi [ 'hf]U`gžVcXmh]ggi Yg'UbX'chYf'a YX]WU`UWij ]hYg"

5`gcždfc YWg]bj c'j ]b[ 'Ubj]a U'g'k ]`bYXX`Yh]Wg'Uddfcj U"

žmci f'dfc YWihXcYg'fYei ]fY'Uddfcj U`ž]b'hY`Zfgh]bgfUbwžX]gW gg'h]g'k ]h'mci f'Gi dYfj ]gcf"

- žmci `Uj Y`U'ei Ygh]cb -'Ug\_

G@EI >[TcSk i WTe[fW`[\hdg.##k k`"\]VfUfmi bgk "YXi "Ui #](#)

7ci fgY`9j U'i Uh]cb'UbX`8Yj Y`cda Ybh

: YYXVUW`cb'hY`Wci fgY`g'[ UhYfYX'dYf]cX]WU`mi g]b[ 'j Uf]ci g'a YUbgž]bW X]b[ 'hY'f BGK  
a m9l dYf]YbW`dfcWggž]bžfa U`X]gW gg]cb`]b'hY`ZbU`WUgg`žf'hY`Wci fgYžUbX'hY`GWcc`g  
Gh XYbh#GhZZa Yfh]b[ g" Mci f'ZYXVUW`]g:hU`Yb'gYf]ci g'nžUbX`Wcb]bi U`]a dfcj Ya Yb]g`UfY'a UXY`h'hY  
Wci fgY`VUgYXž]b'dUf]žcb'gi W`ZYXVUW`"

## 5 WUXYa ]W< cbYgmiUbX`D`U[ ]Uf]ga

I BGK `Ug`Ub`cb[c]b[ `Wca a ]ha Ybhlc`ZcghYf]b[ `U`W`h`fY`cZ`YUfb]b[ `]bZcfa YX`VmiUWUXYa ]W]bhY[ f]m`5`  
I BGK `gh`XYbhg`Uj`Y`U`fYgdcbg]V`]hmlc`UX`YfY`hc`h`g`df]bW]d`Y`cZUWUXYa ]W]bhY[ f]m`D`U[ ]Uf]ga  
i bXYfa ]bYg`UWUXYa ]W]bhY[ f]m]UbX`]g`bchlc`YfUHX`Uhl`BGK`"B`SY[Sde\_`SfG@E|`[e VWX` VW`Se ge[`Y`  
fZWi`ad/e`ad[VWSe`aXafZW`S`V`bSee[`Y`fZW`\_`aXSe`kagdai` `z`

D`U[ ]Uf]ga` ]g`U`hmdY`cZ]bhY`YW`i`U`h`YZ`h`#`hW]b`hU`\_`Y`a`UbmiZcfa`gZ`Zca`X`Y`]VYfUHX`W`X`Y`U`h]b[ `hc`UWUXYbH`U`m`  
W`d`m]b[ `Zca`U`g`ci`fW`k`]h`ci`hUW`bck`YX[`Ya`Ybh`I`BGK` `Ug`dfcXi`W`X`U`k`YVg]h`k`]h`U`k`YU`h`cZ`  
fYgci`fW`g`hc`gi`ddcfhgh`XYbhg`hc`i`bXYfgHbX`UbX`Uj`c]X`d`U[ ]Uf]ga`z]`]g]h`[gh`XYbh`i`bgk`"YXi`"Ui`#d`U\[ \]Uf\]ga`"](#)  
H`Y`@`Y`U`fb]b[ `7`Y`bh`f`Y`U`gg]g`h`gh`XYbhg`k`]h`i`bXYfgHbX]b[ `UWUXYa ]W]bhY[ f]m]UbX`ck`bchlc`d`U[ ]Uf]gY`  
H`Y`mi`U`gc`lc`X`k`cf`g`cdg`UbX`W]b`Y`d`gh`XYbhg`cbY!`cb!`cbY`"

Mci`U`fY`U`gc`fYa`]bXYX`h`UhWUfYZ`h`a`Y`a`UbU[`Ya`Ybh]g`Ub`]a`dcfHbhdUfHcZgh`XmiUbX`cbY`cZ`h`Y`  
]X`Y`bh]Z`Y`X`W]i`gYg`cZ`d`U[ ]Uf]ga` ]g`d`ccf`h`a`Y`a`UbU[`Ya`Ybh`G`h`XYbhg`g`l`ci`X`U`ck`gi`Z`W]Y`bh]h`a`Y`Z`c`f`  
fYgYUfW`X`Z`X`f`U`Z]b[ `UbX`h`Y`d`f`c`d`Y`f`f`Y`Z`f`Y`b`W]b[ `cZ`gci`fW`g`]b`d`f`Y`d`U`f]b[ `U`U`gg`Y`gga`Y`bh]U`g`\_`g`"

=Z`d`U[ ]Uf]ga` ]g`Z`ci`bX`]b`mci`f`k`cf`\_`k`Y`b`mci`U`fY`]b`Z`f`gh`m`Y`U`f`z`mci`f`Y`W`h`f`Y`f`k`]`c`Z`Y`f`mci`U`gg]gh`Ub`W`h`c`  
]a`d`f`c`j`Y`mci`f`UWUXYa ]Wg\_]`g`"H`Y`ma`Um]Ug`\_`mci`hc`cc`\_`Uh`gca`Y`cb`]bY`fYgci`fW`gZ`U`h`Y`b`X`h`Y`@`Y`U`fb]b[  
7`Y`bh`f`Y`Z`c`f`gca`Y`h`a`Y`g`f`Y`gi`Va`]h`mci`f`k`cf`\_`k`]h`h`Y`d`f`c`V`Ya`Z]`Y`X`"<`ck`Y`j`Y`f`a`c`f`Y`g`Y`f]ci`g`]b`g`H`b`W`g`]b`Z`f`g`h`  
m`Y`U`f`z`gi`W`U`g`g`h`U`]b[ `Ub`ch`Y`f`gh`XYbhg`k`cf`\_`cf`d`U`m]b[ `gca`Y`cb`Y`hc`X`c`mci`f`k`cf`\_`za`Um`V`Y`]b]`Y`gh[ `U`H`X`  
i`bXYf`h`Y`G`h`XYbhA`]g`W`c`b`X`i`W`h`D`f`c`W`X`i`f`Y`g`"

F`Y`d`Y`U`H`X`d`U[ ]Uf]ga`f`Y`j`Y`b`]b`Z`f`gh`m`Y`U`f`z`d`U[ ]Uf]ga`U`Z`Y`f`Z`f`gh`m`Y`U`f`z`c`f`g`Y`f]ci`g`]b`g`H`b`W`g`z`a`Um]U`gc`V`Y`  
]b]`Y`gh[ `U`H`X`i`bXYf`h`Y`G`h`XYbhA`]g`W`c`b`X`i`W`h`D`f`c`W`X`i`f`Y`g`"H`Y`d`Y`b`U`h`Y`g`i`bXYf`h`Y`d`f`c`W`X`i`f`Y`g`W]b`]b`W`i`X`Y`  
U`f`Y`X`i`W`h`c`b`]b`a`U`f`\_`g`z`Z]`]b[ `U`W`c`i`f`g`Y`c`f`Z`c`f`h`Y`a`c`g`h`g`Y`f]ci`g`a`U`h`Y`f`g`f]l`\_`Y`d`U[ ]Uf]ga` ]b`Ub`lc`b`ci`f`g`  
h`Y`g]g`L`Y`j`Y`b`gi`gd`Y`bg]c`b`Z`ca`h`Y`i`b]`Y`fg]m`H`Y`G`h`XYbhA`]g`W`c`b`X`i`W`h`D`f`c`W`X`i`f`Y`g`U`f`Y`U`j`U]`U`V`Y`Y`f`Y`.

[k`k`k`"\[`g`i`bgk`"YXi`"Ui`#d`U\[ \]Uf\]ga`\]g`W`c`b`X`i`W`h`D`f`c`W`X`i`f`Y`g`"d`X`Z`](#)





5ddYbX]l . '9b[ ]bYYfg'5i ghfU`U'f95E'DfcZYgg]cbU`'9b[ ]bYYf'7ca dYhYbWm  
 GHUbXUfX

Dfc[ fUa 'hYbXYX'@YUfb]b[ 'Ci hWta Yg	
? bck `YX[ Y'UbX'g_]`VUgY	
D9%"%7 ca dfY\Ybg]j YzhYcfmVUgYX'i bXYfghUbX]b[ 'cZhY'i bXYfd]bb]b[ 'bUh fU`UbX d\mg]WU`gWYbWg'UbX'hY'Yb[ ]bYYf]b[ 'Z bXUa YbH'g'Udd']WUV'Y'hc'hY'Yb[ ]bYYf]b[ 'X]gWd`]bY	
D9%"&'7 cbWdh U`i bXYfghUbX]b[ 'cZhY'a UhYa Uh]Wg'z'bi a Yf]WU`UbU'mg]g'ghUhgh]Wg'z'UbX Wta di h'f'UbX']bZ'fa Uh]cb'gWYbWg'k \]W' i bXYfd]b'hY'Yb[ ]bYYf]b[ 'X]gWd`]bY	
D9%" " 'h!XYdh'i bXYfghUbX]b[ 'cZgdYWU]g'hVcX]Yg'cZ_bck `YX[ Y'k ]h]b'hY'Yb[ ]bYYf]b[ X]gWd`]bY	
D9%"('8]gWfba YbhcZ_bck `YX[ Y'XYj Y`cda YbhUbX'fYgYUfW'X]fYW]cbg'k ]h]b'hY Yb[ ]bYYf]b[ 'X]gWd`]bY	
D9%" ) ? bck `YX[ Y'cZYb[ ]bYYf]b[ 'XYg][ b'dfUW]W'UbX'WcbhYI h U`ZUW'c'fg]a dUW]b[ 'hY Yb[ ]bYYf]b[ 'X]gWd`]bY	
D9%"* 'i bXYfghUbX]b[ 'cZhY'gW'cdY'z'df]bW]d'Yg'z'bcfa g'z'UW'W'ci bHUV]']h]Yg'UbX'Vci bXg'cZ gi gh]bUV'Y'Yb[ ]bYYf]b[ 'dfUW]W' ]b'hY'gdYW]ZWX]gWd`]bY	
9b[ ]bYYf]b[ 'Udd']WU]h]cb'UV']]m	
D9%"%5dd']WU]h]cb'cZYghUV]g\YX'Yb[ ]bYYf]b[ 'a Yh'cXg'hc'Wta d'YI'Yb[ ]bYYf]b[ 'dfcV'Ya gc']b[	
D9%"&'&'i YbhUdd']WU]h]cb'cZYb[ ]bYYf]b[ 'h'W]b]ei Yg'z'hc'g'UbX'fYgci fW'g	
D9%" " '5dd']WU]h]cb'cZgmg'hYa Uh]WYb[ ]bYYf]b[ 'gmb'hYg]g'UbX'XYg][ b'dfcW'ggYg	
D9%"('5dd']WU]h]cb'cZgmg'hYa Uh]WUdd'fcUW'Yg'hc'hY'WcbXi W'h]UbX'a UbU[ Ya YbhcZYb[ ]bYYf]b[ dfc'YW'g	
DfcZYgg]cbU`UbX'dYfgcbU`Uhf]Vi hYg	
D9' "%9h]WU`WcbXi W'h]UbX'dfcZYgg]cbU`UW'W'ci bHUV]']]m	
D9' "&'9ZYW]j Y'cfU`UbX'k f]hYb'Wta a i b]WU]h]cb']b'dfcZYgg]cbU`UbX`UmXca U]bg	
D9' "' '7fYUh]j Y'z']bbcj Uh]j Y'UbX'dfc!UW]j Y'XYa YUbcif	
D9' "( 'DfcZYgg]cbU`i gY'UbX'a UbU[ Ya YbhcZ]bZ'fa Uh]cb	
D9' ") 'C'fXYf'ma UbU[ Ya YbhcZgY'z'UbX'dfcZYgg]cbU`WcbXi W'h	
D9' "*" '9ZYW]j Y'hYUa 'a Ya VYfg\]d'UbX'hYUa ``YUXYfg\]d	