



D5 &&\$ \$ DYfZcfa UbW %"\$

D5%&

9CG ; a V < ! ' 9 YWfc ' Cdh]WU ' GmghYa g

DfcXi WihYI hg

DfcXi WihYI hg

H\]g'k \]hg\ ZbY dck XYf'D5 &&\$ \$ 'cb h\Y VUg]cZdc'mJa ]XY'%'gYfj Yg'k ]h\]hg'j Yfmk Y'! VU'UbW'X' dfcdYfmdfcZ]Y 'U'k ]XY j Uf]YfmcZUdd ]WU]cbg" @UgYf!g]bhYfYX'dUfhg'a UXY'Zfca 'D5 &&\$ \$ d'cggYgg YI W'Y'bh'a Uhf]U'dfcdYfh]Yg.

i '\[ \ 'ghfYb[ h\ 'UbX'gh]ZbYgg

i '[ ccX'VX'Ya ]WU'fYg]ghUbW

i 'YI W'Y'bh'cb[ ! hYfa 'W'bgHUbhVY\Uj ]ci f

i '\[ \ 'g'YVW]j ]hmUbX'XYHU] 'fYgc'i h]cb

i 'j Uf]ci g'Z]b]g\]b[ 'dcgg]V]h]Yg'fY[" 'a YHU'g]U]cbz'ghc'j Y'YbUa Y' ]b[ 'z'j ]VfUhc]m[ f]bX]b[ 'z'h'V'W'c'i f]b[ 'z'VcbX]b[ 'z'dck XYf W'U]h]b[ 'z'ZcW]b[ 'z

i 'V]c'W'c'a dU]h]V'Y'UW'W'fX]b[ 'hc'9B'='GC'%'\$-' '!'%UbX'i GD#Yj Y' ]J '#%&%'\$7

i 'Uddfcj YX'Z'f'ZcX'W'bhUW]b'W'c'a d' ]UbW'k ]h\ h\Y'9I 'D'Ugh]Vg'8 ]fYVW]j Y'&\$&#&+#97'fYI W'dh]cb. '\[ \ 'U'W'c' ]WZcXgri Zz

Hmd]WU'Udd ]WU]cbg'cZ hY'a Uhf]U'UFY'Z 'm'z' bW]cb'U'd'Ugh]WdUfhg'cZ\ ]\ ]Yg'h'e'U ]hm'8'i Y'hc'h\Y'YI W'Y'bh'a YW'Ub]WU' dfcdYfh]Yg'h\Y'a Uhf]U' ]g'cZ hY'b'i gYX'hc'gi Vgh]h' hY'fmd]WU' ]b'YVW]cb'a ci 'X]b[ 'd'Ugh]Vg' H\Y'V]c'W'c'a dU]h]V] ]hm'U'ck g' ]hg'i gY'Y" " Z'f' d'f'c'g'h\Y'g'z'h\Y'\ ]\ 'U'V'Ug]cb'f'Yg]ghUbW'U'ck g'Y[" 'h\Y'fYU'g]U]cb'cZ'a c] UV'Y'dUfh'W'bb'VW]cbg"

%\$ \$ '±a 'UmYf'h\ ]W'bYgg

DYfZcfa UbW ]g'h\Y'dUfUa Yhf]gYh'cZ'W'c]W'Z'f'dUfhg'k ]h\ '\[ \ 'XYa UbX'g'cb'a YW'Ub]WU' dfcdYfh]Yg'UbX'Z'UW]fY'VY\Uj ]ci fZ

YgdYVW]U'm'k \Yb'h\Y'dUfh]g' ]c]b[ 'hc'VY'gi V'YVW]X'hc'a i'h]U ]U'c'UX]b[ ' ]b'U'hc'fY'X]fYVW]cbg" DYfZcfa UbW'dUfhg'UFY

W'U'f'UW]f]n'X'V'm'h\Y'\ ]\ ]Ygh'XY[ f'Y'c'Z]g'c'h'f'cd]W'gh'f'Yb[ h\ 'UbX'f[ ]X]hm' H\Y'W'c]W'Z'%'\$ \$ '±a 'UmYf'h\ ]W'bYgg'fYgi 'hg' ]b'Z]bY fYgc'i h]cb'UbX'U'gc'j Yf'm\ ]\ ]'gi fZUW'ei U' ]hm'UbX'XYHU] 'fYgc'i h]cb"

A YW'Ub]WU' dfcdYfh]Yg	J U'i Y	I b]h	HYgh'GHJbXUfX
=ncX'bc'h\X'YX' ]a dUW]ghfYb[ h\ 'fL' \$7L	("	=>#a	=GC'%'\$ #%'65
G\c'fY'8 '\UfXbYgg'f]g]g	+	!	=GC'+'%'!%

' 8 '8 UHJ	J U'i Y	I b]h	HYgh'GHJbXUfX
H\Y' dfcdYfh]Yg'cZ dUfhg'a Ubi ZUW]fYX'i g]b[ 'UX]h]j] Y'a Ubi ZUW]f]b[ 'h\W'bc'c[ m'fY[" ' "UgYf'g]bhYf]b[ 'z'gh'fYc' ]h\c[ fUd'mz': i gYX'8Ydcg]h]cb'AcXY" ]b[ 'z' '8' d'f]b]h]b[ 'L'UFYz Xi Y'hc'h\Y]f'UmYf'V'm'UmYf'dfcXi W]cbz'hc'gca Y'YI h'bh'X]fYVW]cb'XYdYbXYbh' H\]g'U'g'hc'VY'W'bg]XYfYX'k \Yb'XYg[ ]b]b[ 'h\Y'dUfh'UbX'XYZ]b]b[ 'h\Y'Vi ]X'cf]Yb]h]cb"			=GC' ) &+!%#&
HYbg]Y'A cXi 'i g			
L'8 ]fYVW]cb	%+ \$ \$	A DU	
M8 ]fYVW]cb	%+ \$ \$	A DU	
N'8 ]fYVW]cb	%+ \$ \$	A DU	
HYbg]Y'GhfYb[ h\			=GC' ) &+!%#&
L'8 ]fYVW]cb	) \$	A DU	
M8 ]fYVW]cb	) \$	A DU	
N'8 ]fYVW]cb	) \$	A DU	
GhfU]b'Uh'fYU_			=GC' ) &+!%#&
L'8 ]fYVW]cb	&\$	I	
M8 ]fYVW]cb	&\$	I	
N'8 ]fYVW]cb	%'\$	I	
7\Ufdm]a dUW]ghfYb[ h\ 'fL' &' \$7Z'L'8 ]fYVW]cbL	)'	=>#a	=GC'%'+- #'%Y1
7\Ufdm'bc'h\X'YX' ]a dUW]ghfYb[ h\ 'fL' &' \$7Z'L'8 ]fYVW]cbL	("	=>#a	=GC'%'+- #'%Y5
: 'YI' i fU' 'A cXi 'i g'fL' \$7Z'L'8 ]fYVW]cbL	%) \$ \$	A DU	=GC'%' +,

H\Yfa U' dfcdYfh]Yg	J U'i Y	I b]h	HYgh'GHJbXUfX
A Y'h]b[ 'hYa dYfUhi fY'fL'&\$ \$7#a ]bL	%+ *	\$7	=GC'%'% ( ) +!%#'
J ]WU]g'cZ hYb]b[ 'hYa dYfUhi fY'fL' \$7#A' ) \$B L	%*'	\$7	=GC' ' %*'

C'h\Yf' dfcdYfh]Yg	J U'i Y	I b]h	HYgh'GHJbXUfX
8 Ybg]hm'fUgYf]g]bhYfYX L	- ' \$	_ [ #a	9CG' A Y'h\cX
Dck XYf'W'c'i f'fLUW'hc'gUZ'f'mXUH'g\YY L	K \ ]hY	!	!

@Ugh'W'Ub[ Y. ' &\$ \$! \$' !%& Gci fW. 'k k k "a Uhf]U'XUH'W'bhYf'W'c'a DU[ Y. '%&  
H\Y'XUH'W'fYfYg'cbX'hc'ci f'\_bck'YX[ 'Y'UbX'YI dYf]bW'Uh'h\Y'h]a Y'cZ'di V]W]h]cb" H\Ym'X'bc'h]cb'h\Y]f'ck' b'fYdfYg'bh'U'g' Z]VY'bh'VUg]Z'f'U'bm'dUfh'XYg[ ]b'z'bY]h\Yf'Xc  
h\Ym'dfcj ]XY'U'bm]U]f'Y'a Y'bh'U'c'i h'c'f[ i'UFU'bh'Y' h\Y'gdYVW]Z'W'f'cdYfh]Yg'cZ'U' d'f'c'X' W'c'f' d'U'f'h'c'f' h\Y'g'i ]h]U] ]m'c'Z'U' d'f'c'X' W'c'f' d'U'f'h'Z'f'U'gdYVW]Z'W'udd ]W]h]cb" -h]g'h\Y  
fYg'cbg]V] ]m'c'Z'h\Y' d'f'c'X' W'f'c'f'W'g'ha Y'f'c'Z'U' d'U'f'h'c' W'Y'W' ]hg' d'f'cdYfh]Yg'Ug'k'Y' "Ug' ]hg'g'i ]h]U] ]m'c'Z'U' d'U'f'h]W'U'f' d'f'c'gY" H\]g'U'g'c'Udd ]Yg'fY[ ]U'fX]b[ 'h\Y'W'bg]X'Y'f]h]cb  
cZ'dcgg]V'Y' ]bh'Y'W'U'U' d'f'cdYf]m'f[ ]h]g'U'g'k'Y' "Ug'U'k'g'UbX'fY[ i'U]h]cbg" H\Y'XUH'U'fY'g' V'Y'W'hc'W'Ub[ Y'k ]h]c'i h'bc]h]W'U'g' d'U'f'h'c'Z'9CG'f'W'bh]b]c'i g'X]Y'c'da Y'bh'UbX  
]a' d'f'c'Y'a Y'bh' d'f'c'W'ggYg"

D5`&&\$`DYfZcfa UbW`%"\$  
D5%&

9CG`; a V<`!`9`YWfc`C dh]W`GmgYa\_g

7\UfUWYf]gh]Wg

DfcWgg]b[  
@UgYf`G]bhYf]b[ `F Ud]X`Dfchcmd]b[

7Yfh]Z]W]h]cbg  
: 85`Uddfcj U`UW`hc`I`GD`6]c`c[ ]W`h`gh`fMUgg]Z]W]h]cb  
J`#%&%\$7t

7\Ya ]W`F Yg]ghJbW  
; YbYfU`7\Ya ]W`F Yg]ghJbW

@UghWUUb[ Y.`&\$%\$!\$`!&%Gci fW`. k k k "a UHf]U`XUHUVbhYf`Wca DU[ Y.`&#&  
HAY`XUHJ`WdffYgdcX`hc`ci`f`\_bck`YX[ Y`UbX`YI`dYf]YbW`Uh`h`Y`hja`Y`cZ`di`V`]W]h]cb`HAYmXc`bchcb`h`Y]f`ck`b`fYdfYgYbh`U`gi`ZZ]WYbh`VUg]g`Zc`f`UbmdufhXYg][`bz`bY]h`Yf`Xc`  
h`Ym]dfc]`]XY`UbmU[`fYYa`YbhUVci`hcf`[`i`UfUbhY`h`Y`gdYVZ]WdfcdYfh]Yg`cZ`U`dfcXi`W`hcf`dUfhcf`h`Y`gi`]hUV]`]hmcZ`U`dfcXi`W`hcf`dUfhcf`U`gdYVZ]WUdd`]W]h]cb`-h]g`h`Y`  
fYgdc]V]`]hmcZ`h`Y`dfcXi`W`f`cf`W`ghca`Yf`cZ`U`dUfh`hc`W`Y`W`]hg`dfcdYfh]Yg`Ug`k`Y`Ug`]hg`gi`]hUV]`]hmcZ`f`U`dUfh]W`Uf`di`fdcgY`H`]g`U`gc`Udd`]Yg`fY[`UFX]b[`h`Y`W`bg]XYfU]h]cb`  
cZ`dcgg]V`Y`]bhY`Y`W`U`dfcdYfh]m]f][`hg`Ug`k`Y`Ug`Uk`g`UbX`fY[`i`U]h]cbg`HAY`XUHJ`UfY`gi`V`Y`W`h`hc`W`Ub[`Y`k`]h`ci`h`bch]W`Ug`dUfh`cZ`9C`GfiW`b]h]bi`ci`g`XYj`Y`cda`Ybh`UbX`  
]a`dfc]`Ya`Ybh`dfcW`ggYg`"