



D5 &&\$ \$ '6U'UbWV '%"\$

D5%&

9CG'; a V< '! '9'YWffc 'Cdh]WV' 'GmghYa g

DfcXi W'hYI hg

DfcXi W'hYI hg

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

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

i '[ ccX'W'Ya ]WV'fYg]ghUbW

i 'YI W'Y'Yb'h'cb[ !hYfa 'W'bgHUb'hVY\Uj ]ci f

i '\] [\ 'gY'YV]j ]hmUbX'XYHJ' fYgc'i h]cb

i 'j Uf]ci g'Z]b]g\]b[ 'dcgg]V']h]Yg'fY[" 'a YH\]gU]h]cbz'ghc] Y'YbUa 'Y' ]b[ 'z'j ]VfU'hc]m[ f]bX]b[ 'z'h'V'W'e'ci f]b[ 'z'VcbX]b[ 'z'dck XYf W'eU]h]b[ 'z'ZcW]b[ 't

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

i 'Uddfc] YX'Zc'f'ZcX'W'e'b]h]U]b]b'W'e'a d']UbW'k ]h'h\Y'9I 'D'Ugh]Vg'8]fYV]Y Y'&\$&#'+&#97'fYI W'dh]cb. '\] [\ 'U'W'e'c' ]WZcXgri Zz

Hmd]WV'Udd']W]h]cbg'c'Z'hY'a Uhf]U'UFY'Z' 'm'z' bW]cb'U'd'Ugh]WdUfhg'c'Z\] [\ Yg'h'e]U' ]m' '8i'Y'hc'h\Y'YI W'Y'Yb'ha YW'Ub]WV' dfcdYfh]Yg'h\Y'a Uhf]U' ]g'c'Z'h]b'i gYX'hc'gi Vgh]h' hY'fmd]WV' ]b'YV]cb'a ci 'X]b[ 'd'Ugh]Vg' 'H\Y'V'c'W'e'a dU]h]V']m'U'ck'g' ]hg'i gY'Y[" 'Zc'f' dfg'h\Y'g'z'h\Y' [\ 'U'VfUg]cb'fYg]ghUbW'U'ck'g'Y[" 'h\Y'fYU' ]gU]h]cb'c'Z'a c] UV'Y'dUfh]W'e'b]b]V]h]cbg"

%&\$ '±a 'UmYf'h\ ]W]bYgg

H\Y'UX] UbhU[ 'Y'c'Z'h\Y'6U'UbW' dUfUa Yhf'gYh]g'Yei ]]Vf]i a "H\Y'UmYf'h\ ]W]bYgg'c'Z'%'±a 'c'Z'Yfg'U'dYfZYVh'VU'UbW' VY'h'YYb' dfcXi W]cb'W'ghg'z'a YW'Ub]WV' dfcdYfh]Yg'z'gi fZ]W'ei U' ]m'UbX'U'VW'fUW'f'='h]g'h\Y'fY'Zc'f'Y'gi ]hU'V'Y'Zc'f'dUfhg'k ]h'j Uf]m]b[ [ Yca Yhf]Yg'z'X]a Ybg]cbg'UbX'fYei ]fYa Ybhg"

A YW'Ub]WV' dfcdYfh]Yg	J U'i Y	I b]h	HYgh'GHUbXUfX
=ncX'bc]h]YX' ]a dUW]ghfYb[ h\ 'fZ' &' \$7t	("	>#a	=GC'%'\$#%5
G\cfY'8'\UfXbYgg	)	!	=GC'+*%'!%

'8'8UHJ	J U'i Y	I b]h	HYgh'GHUbXUfX
H\Y' dfcdYfh]Yg'c'Z'dUfhg'a Ubi Z]W]fYX'i g]b[ 'UXX]h] Y'a Ubi Z]W]f]b[ 'hY'W'bc'c[ m'fY[" 'UgYf'g]bhYf]b[ 'z'gh'fYc']h]c[ 'fUd'mz: i gYX'8Ydc]h]cb'AcXY' ]b[ 'z' '8' d'f]b]h]b[ 't'UFY2 Xi Y'hc'h\Y]f'UmYf'V'm'UmYf'dfcXi W]cbz'hc' gca 'Y'YI hY'h]X]fYV]cb'XYdYbXYbh' H\]g'Ug'hc'VY'W'bg]XYfYX'k \Yb'XYg]b]b[ 'h\Y'dUfh]UbX'XYZ]b]b[ 'h\Y'Vi ]X'cf]Yb]h]h]cb"			
HYbg]Y'AcXi 'i g			=GC') &+
L'8]fYV]cb	%) \$	A DU	
M8]fYV]cb	%) \$	A DU	
N'8]fYV]cb	%) \$	A DU	
HYbg]Y'GhfYb[ h\			=GC') &+
L'8]fYV]cb	(,	A DU	
M8]fYV]cb	(,	A DU	
N'8]fYV]cb	(&	A DU	
GhfU]b'UhVfYU_			=GC') &+
L'8]fYV]cb	%	I	
M8]fYV]cb	%	I	
N'8]fYV]cb	(	I	
7\Ufdm]a dUW]ghfYb[ h\ 'fZ' &' \$7z'L'8]fYV]cbt	)'	>#a	=GC'%'±- #%YI
7\Ufdm]bc]h]YX' ]a dUW]ghfYb[ h\ 'fZ' &' \$7z'L'8]fYV]cbt	("	>#a	=GC'%'±- #%Y5
: 'YI' i fU'AcXi 'i g'f] &' \$7z'L'8]fYV]cbt	%) \$ \$	A DU	=GC'%'±,

H\Yfa U' dfcdYfh]Yg	J U'i Y	I b]h	HYgh'GHUbXUfX
A Y'h]b[ 'hYa dYfU]h'fY'f] &\$ \$7#a ]b't	%+*	\$7	=GC'%'% ) +! %#!'
J ]W]h]gcZ]Yb]b[ 'hYa dYfU]h'fY'f] &\$ \$7#\ ' ) \$B't	%*'	\$7	=GC'' \$*
6i fb]b[ 'VY\Uj ]cf			I @- (
HYgh'dUggYXz' < 6	\$")	a a	
HYgh'dUggYXz' < 6	%**	a a	
HYgh'dUggYXz' < 6	' &	a a	

@UghW'Ub[ Y. '&\$%'! \$'!' \$ Gci fW. 'k k k" a Uhf]U'XUH]W'bhYf'W'e'a DU[ Y. '%& H\Y'XUH]W'efYg]dcbX'hc'ci f'\_bck'YX[ 'Y'UbX'YI dYf]YbW'Uh'h\Y'h]a 'Y'c'Z'di V']W]h]cb" H\Y'mX'bc]cb'h\Y]f'ck'b'fYdfYgYb]h]U'gi Z]V]Yb]h]VU]g]Zc'f'UbmdUfh]XYg]b]z'bY]h\Y'f'Xc h\Y'mdfc] ]XY'Ubm]U]fY'Ya YbhUVci hcf[ i UfU]bhY' h\Y'gdYV]Z]W'dfcdYfh]Yg'c'Z'U' d'fcXi W]h'cf'dUfh'cf'h\Y'gi ]hU]V']m]c'Z'U' d'fcXi W]h'cf'dUfh'Zc'f'U'gdYV]Z]W'Udd']W]h]cb"='h]g'h\Y'fYg]dcb]V] ]m]c'Z'h\Y' d'fcXi W]f'cf'W'g]hca 'Yf'c'Z'U'dUfh'hc'W'Y'W' ]hg' d'fcdYfh]Yg'Ug'k'Y'Ug' ]hg'gi ]hU]V']m]c'Z'U' d'Ufh]W'Uf'di fdcgY" H\]g'U'g'c'Udd']Yg'fY[ UfX]b[ 'h\Y'W'bg]XYfU]h]cb'c'Z' d'cgg]V'Y' ]bh'Y'Y'W'U' dfcdYf]m]f] [\ hg'Ug'k'Y'Ug'Uk'g'UbX'fY[ 'i'U]h]cbg" H\Y'XUH]U'fY'gi V'Y'W]h'hc'W'Ub[ 'Y'k ]h]ci h'bc]h]W'Ug'dUfh'c'Z'9CG'f]W'eb]h]bi ci g'XY]Y'cda 'Ybh'UbX' ]a d'fc] Ya Ybh'dfc'W'ggYg"

D5`&&\$ \$`6U`UbW`%"\$

D5%&

9CG` ; a V < `!`9`YWfc`C dhjW`GmghYa`g

Ch`Yf`dfcdYfhjYg

J U`i`Y

I b]h

HYgh`GhU`bXUfX

8Ybg]hmflUgYfg]bhYfYXŁ

-`\$

\_ [#a

9CG`A`Yh`cX

Dck`XYf`VŁ`ci`f`fUW`hc`gUZ`hmXUHU`g`YYŁ

K` \]hY

!

!

7` \UfUVWYf]ghjVŁ

DfcW`gg]b[

@UgYf`G]bhYf]b[`z`F`Ud]X`Dfc`c`h`m`d]b[

7YfhjZjWjh]cbg

: 85`Uddfcj`U`U`V`W`h`c`i`GD`6]c`c[`jW`h`Y`gh`f`M`U`gg]ZjWjh]cb

J`#`%`&`%`\$`7Ł

7` \Ya`jW`F`Yg]ghUbW

; YbYfU`7` \Ya`jW`F`Yg]ghUbW

@UghW`Ub[`Y`&\$%`!`\$`!`\$`Gci`fW`k`k`k`a`U`h`Y`f]U`X`U`H`U`W`b`h`Y`f`W`Ł`a`  
H`Y`X`U`H`W`f`f`Y`g`d`c`b`X`h`c`i`f`\_`b`c`k`Y`X[`Y`U`b`X`Y`I`d`Y`f]Y`b`W`U`h`h`Y`h`j`a`Y`c`Z`d`i`V`j]W`h]c`b`H`Y`m`X`c`b`c`b`h`Y`j`f`c`k`b`f`Y`d`f`Y`g`Y`b`h`U`g`i`Z`j]W`Y`b`h`V`U`g]g`Z`c`f`U`b`m`d`U`f`h`X`Y`g][`b`z`b`Y]h`Y`f`X`c`  
h`Y`m`d`f`c]X`Y`U`b`m`U[`f`Y`Y`a`Y`b`h`U`V`c`i`h`c`f[`i`U`f`U`b`h`Y`h`Y`g`d`Y`W`Z]W`d`f`c`d`Y`f`h]Y`g`c`Z`U`d`f`c`X`i`W`h`c`f`d`U`f`h`c`f`h`Y`g`i`j]h`U`j]j`m`c`Z`U`d`f`c`X`i`W`h`c`f`d`U`f`h`Z`c`f`U`g`d`Y`W`Z]W`U`d`d`j]W`h]c`b`" `h`j`g`h`Y`  
f`Y`g`d`c`b`g]V]j]m`c`Z`h`Y`d`f`c`X`i`W`f`c`f`W`g`h`c`a`Y`f`c`Z`U`d`U`f`h`c`W`X`Y`W`j]h`g`d`f`c`d`Y`f`h]Y`g`U`g`k`Y`U`g`j]h`g`g`i`j]h`U`j]j]m`c`Z`f`U`d`U`f`h]W`U`f`d`i`f`d`c`g`Y`" `H`j]g`U`g`c`U`d`d`j]Y`g`f`Y[`U`f`X]b[`h`Y`V`Ł`b`g]X`Y`f`U`h]c`b`  
c`Z`d`c`g`g]V`Y`j]b`h`Y`Y`W`h`U`d`f`c`d`Y`f`h`m`f][`h`g`U`g`k`Y`U`g`U`k`g`U`b`X`f`Y[`i`U`h]c`b`g`" `H`Y`X`U`H`U`f`Y`g`i`V`Y`W`h`c`W`U`b[`Y`k`j]h`c`i`h`b`c`h]W`U`g`d`U`f`h`c`Z`9`C`G`f`i`W`Ł`b`h]b`i`c`i`g`X`Y`j`Y`c`d`a`Y`b`h`U`b`X`  
j`a`d`f`c]Y`a`Y`b`h`d`f`c`W`g`g`Y`g`"

DU[Y`&#&