

## 6Yn]f\_'DUb\_ck.'6Yf`]b!6i W\'YfÒZZbYh'X]Y GW\i`Y'XYf'Ni\_i bZh

6Yf`]b!6i W. `< ]YfYfÒZZbYhX]Y `GW\i `Y `XYf`Ni \_i bZh`\b `6Yf`]b!
6i W\ `]ghY]bY `VYY]bXfi W\_YbXY `bYi Y; fi bXgW\i `Y
YbhghUbXYbz`X]Y `U`g `GW\i `Y `XYf`Ni \_i bZh`[ ]`h" 8 Ug; YV\Ai XY
V]YhYh`D`Uhn `ZØf`) +\* `? ]bXYf`i bX`j YfZc`[ hY]bY`bYi Y
?ca V]bUh]cb`XYf`@Y\ff\Ai a Y" 8 Yf`J ]Yf[ YgW\cggYf`VYgh]W\h
Xi fW\Y]bY`Vi bhY`; YghU`hi b[ `XYf`F\Ai a Y`i bX`Y]bY
VY\]bXYfhYb[ YfYW\hY`5i gghUhhi b[ "5bghY``Y`j cb`: `i fYb`[ ]Vh
Yg`gYdUfUhY`9]b\Y]hYbz`]b`XYbYb`X]Y`GW\Ø`Yf`]b`\_`Y]bYfYb
; fi ddYb``YfbYb`\_ObbYb"`Ni XYa `ghY\Yb`XYb`?]bXYfb`X]Y
F\Ai a Y`b]W\h'bi f`ni a `@YfbYbz`gcbXYfb`Ui W\`ni a
NY]hj YfhfY]V`i bX`ni f`9f\c`i b[ `ni f`J YfZØ[ i b[ "8]Y`GW\i `Y`]gh
]a `Y\Ya U`][ Yb`; YV\Ai XY`XYf`Dc`mhYW\b]gW\Yb`CVYfgW\i `Y
fDC G\L'i bhYf[ YVfUW\hz\XUg`ni j cf`gY]h`\&\$\%\$``YYf`ghUbX"
/ Ua d\Y``]d/



6Yf`]b!6i W. '<]Yf`YfÒZZbYh`X]Y`GW\i `Y`XYf`Ni \_i bZh

 $\pm 0.6 Yf`]b!6i W.`]gh`Y]bY`VYY]bXfi W_YbXY`bYi Y`; fi bXgWi `Y$ 

YbhghUbXYbžX]Y 'U`gʻGWXi `YʻXYfʻNi \_i bZhʻ[]`h"'8 Ugʻ; YVÀi XYʻV]YhYh D`UhnʻZØfʻ) +\* '?]bXYfʻi bXʻj YfZc`[h'Y]bYʻbYi Yʻ?ca V]bUh]cbʻXYf @Y\ffÀi a Y"'8YfʻJ]Yf[YgWXcggYfʻVYgh]WXhʻXi fWXʻY]bYʻVi bhY; YghU`hi b[ʻXYfʻFÀi a Yʻi bXʻY]bYʻVY\]bXYfhYb[YfYWXhY 5i gghUhhi b[ʻ"5bghY``Yʻj cbʻ: `i fYbʻ[]VhʻYgʻgYdUfUhYʻ9]b\Y]hYbž']bXYbYbʻX]YʻGWXØ`Yfʻ]bʻ\_`Y]bYfYbʻ; fi ddYbʻ`YfbYbʻ\_ObbYb"`Ni XYa ghY\YbʻXYbʻ?]bXYfbʻX]YʻFÀi a Yʻb]WXhʻbi f'ni a '@YfbYbžʻgcbXYfb Ui WX'ni a 'NY]hj YfhfY]Vʻi bX'ni fʻ9f\c`i b['ni fʻJYfZØ[i b["

8]Y'GWXi`Y']gh']a 'Y\Ya U`][Yb'; YVÀi XY'XYf'Dc`mhYWXb]gWXYb CVYfgWXi`Y'fDCGŁ'i bhYf[YVfUWXhž'XUg'ni j cf'gY]h'&\$%\$'`YYf'ghUbX"8]Y'FYbhbYf]bž'X]Y']b'88F!NY]hYb'Xcfh'ni f'GWXi`Y'[]b[ž'ghUi bh ØVYf'XYb'@ilig'i bX'XYb'[fc»nØ[][Yb'D`Uhnž'XYb'X]Y'bYiY; fi bXgWXi`Y'V]YhYh"

8]Y'GW\i`[Ya Y]bgW\UZh'gYhnh'g]W\'Ui g'j ]Yf'YfghYb'?`UggYbž'gYW\g @Y\f\_f\AZhYb'i bX'gYW\g'9fn]Y\Yf]bbYb'ni gUa a Yb"'\pg[YgUa h gc``Yb'\]Yf') +\*'?]bXYf'`YfbYb'\_\ObbYb"'\pa '\_ca a YbXYb'GW\i`^U\f k YfXYb'Yhk U'%+\$'GW\Ø`Yf'Yfk UfhYhz'gcXUgg'ni b\AW\ghfi bX'(\$\$D`\AhnY'\ZfY]'V'Y]VYb"'8]YgY'gc``Yb''YxcW\'cf[Ub]gW\'k UW\gYb\z' gcXUgg'YXYg'\y\f'Y]bY'k Y]hYfY'?`UggY'\]bni \_ca a h"'Ni XYa '[]Vh Yg'nk Y]' K ]``\_ca a Ybg\_`UggYb '\ZØf'?]bXYf'Ui g'Y]b[Yk UbXYfhYb cXYf'[YZØW\hYhYb': Ua]`]Yb"'8Ug'VYgcbXYfY'd\AXU[c[]gW\Y?cbnYdh'g]Y\h'j cfz'XUgg'X]Y'GW\Ø`Yf'\U\f[Ub[gØVYf[fY]ZYbX'Ui Z @Yfb]bgY`b'ni gUa a Yb'`YfbYb"

8Yf'6Ui 'XYf'; fi bXgW\i 'Y'k i fXY'bUW\'XYa '7ca dUfha Ybh!Df]bn]d fYU`]g]Yfhz'XUg'Ui Z'[ fc» Yg'±bhYfYggY'Ui g'XYf'[ UbnYb'K Y`h'ghÒ» h" 8]Y'a cXi `UfY'6Ui k Y]gY'a ]h'ZUVf]\_[ YZYfh][ hYb'9]bnY`hY]`Yb'[ ]`h'U`g ni \_i bZhgk Y]gYbX"'±bg[ YgUa h'\Uh'XYf'6Ui 'XYf'GW\i 'Y') ( 'A ]``]cbYb 9i fc'[ Y\_cghYh"

⇒a `FU\a Yb`XYf`GWi`VUi cZZYbg]j Y`XYg`GYbUhg`gc``Yb`V]g`&\$' \$
]bg[ YgUa h`&) `bYi Y`GWi`Yb`Yff]W\hYh`k YfXYbž`XUj cb`ZØbZ`]a
6Yn]f\_`DUb\_ck "'8]Y`bYi Y`; fi bXgWi`Y`]b`6Yf`]b!6i W\`]gh`X]Y`) \$"
; fi bXgWi`Y`]a `6Yn]f\_`i bX`gc```U`g`J cfV]`X`ZØf`[ Ubn`6Yf`]b
X]YbYb"

8]Y'GW\i`Y'gc```b]W\h'bi f'XYb'GW\Ø`Yfbž'gcbXYfb'Ui W\'XYa'?]Yn ni f'JYfZØ[i b['ghY\Yb"'Gc'gc``Yb'VY]gd]Y`gk Y]gY'X]Y'FÀi a Y'XYf 8fY]!: Y`XYf!Gdcfh\U``Y'Ui W\'j cb'JYfY]bg!'i bX': fY]nY]hgdcfh`Yfb [Ybi hnh'k YfXYb'\_ObbYb"

Hfchn'XYg'[Y`i b[YbYb'6Ui g'[]Vh'Yg'bcW\'Y]b][Y'cZZYbY'Di b\_hYž k]Y'X]Y'Gi W\Y'bUW\'GW\UhhYbd`ÀhnYb'Ui Z'XYa 'DUi gYb\cZ'i bX'X]Y 9bhgW\Y]Xi b[ž'XYb'5\_h]j VYfY]W\'a ]h'@Ui ZVU\b'a ]h'gW\k UfnYb; i ggUgd\U`h'Ui gni ghUhhYb"'8]Y'5i »YbUb`U[Yb'gc``Yb'YXcW\'V]g \\J\fYgYbXY'\_ca d`Yhh'ZYfh][[YghY``h'k YfXYb"

8 UgʻN]Y``XYgʻGWXi``Y]hYfgʻA UfWY`F]W\_Ybʻ]ghʻYgžʻY]bYʻYWXhYGWXi`[Ya Y]bgWXUZhʻUi gʻGWXØ`Yfbžʻ@Y\fYfbʻi bXʻ9`hYfbʻYbhghY\Ybni ``UggYb"'9fʻYfa i bhYfhʻX]Yʻ9`hYfbžʻg]WX`U\_h]j 'Y]bni Vf]b[Ybʻi bXg]WXʻb]WXhʻbi fʻUi ZʻXYbʻ9`hYfbUVYbXʻni 'VYgWXfÀb\_Yb"'F]W\_Ybk ØbgWXhʻg]WXžʻXUggʻU``Yʻ6YhY]`][hYbʻUb\_ca a Ybʻi bXʻX]YʻGWXi `Yʻni Y]bYa 'CfhʻXYgʻA]hY]bUbXYfgʻk]fX"

8 YhU1`a

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b bYh