

NYi [YbUi Zfi Z.; Y`XVÒfgYbX]YVghU\``]a 5`X]`]b'GhUXh\U[Yb

8]Y'Dc`]nY]'gi W\h'NYi [Yb'bUW\'XYa '; Y`XVÒfgYbX]YVghU\`']a 5`X]'GhUXh\U[Yb'Ua '\$, "\$, "&\$&("'<]bk Y]gY'YfVYhYb°

9]bVfi WX`]bg`JYfhfUiYb.; Y`XVÒfgYbX]YVghU\``]a `GidYfa Uf_h YfgWXØhhYfh`GhUXh\U[Yb

\$-"\$,"&\$&(''%\$.'%

5a '8cbbYfghU[ž'XYb'\$, "\$, "&\$&(ž'k i fXY'Y]b

VYgcf[b]gYffY[YbXYf'J cfZU``']a '5`X]!Gi dYfa Uf_h'Ub'XYf

6U\b\cZghfU» Y']b'GhUXh\U[Yb'[Ya Y`XYh"'I a 'Yhk U'%%.' \$'I \f

k i fXY'X]Y'; Y`XVÒfgY'Y]bYg', *!'À\f][Yb'A UbbYg'Ui g'XYf'FY[]cb

[Yghc\`Ybž'k À\fYbX'Yf']ba]hhYb'gY]bYg'9]b_Ui Zg'VYgW\ÀZh][h'k Uf"

Gc`WXY'J cfZÀ``Y'ghY``Yb'b]WX h'bi f'Y]bYb'JYf`i gh'j cb'9][Ybhi a 'XUfž

gcbXYfb'\]bhYf`UggYb'Ui WX'h]YZYfY'Gdi fYb']a 'JYfhfUi Yb'XYf

6Øf[Yf"

8]Y 5i gk]f_i b[Yb Ui Z X]Y ; Ya Y]bgW UZh

8 Yf 8]Y VghU\``]gh'Y]b'6Y]gd]Y``ZØf'Y]bY'ni bY\a YbXY'Gcf[Y']b'XYfGhUXhž'k c'XUg'; YZØ\``XYf'G]W\Yf\Y]hž']bgVYgcbXYfY'ZØf'À`hYfY 6Øf[Yfž'ghUf_'VYY]bhfÀW\h][h']gh"8]Y'`c_U``UbgÀgg][Y'Dc`]nY]'\Uh VYfY]hg'X]Y'6Yj O`_Yfi b['Ui Z[Yfi ZYbž'Ui Za Yf_gUa 'ni 'gY]b'i bX <]bk Y]gY'ni '[YVYbž'i a 'X]Y'HÀhYf'ni 'Yfa]hhY`b"'8]Y; Ya Y]bgW\UZhž'X]Y'g]W\'cZh'Xi fW\'Yb[Y'dYfgOb`]W\Y'6Yn]Y\i b[YbUi gnY]W\bYhž'k]fX'Xi fW\'gc`W\Y'JYfVfYW\Yb'YfgW\ØhhYfh"'8]Yg_ObbhY'XUni 'ZØ\fYbž'XUgg'AYbgW\Yb'j cfg]W\h][Yf'k YfXYb'i bX

g]W\`i bk c\``ZØ\`Ybž'gY`Vgh']b`U``h\A[`]W\Yb`G]hi Uh]cbYb`k]Y`XYa 9]b_Ui Z'

$8]YDc]nY]Yf[fY]ZhAUbU\aYb$

8]Y'Dc`]nY]'GhUXh\U[Yb'\Uh'X]Y'9fa]hhi b[Yb'VYfY]hg'Y]b[Y`Y]hYh i bX'gi W\h'Xf]b[YbX'bUW\'NYi [Ybž'X]Y']b'XYf'NY]h'XYg'JcfZU``g Yhk Ug'JYfXÀW\h][Yg'VYcVUW\hYh'\UVYb"'8]Y'6YUa hYb'\cZZYbž Xi fW\'X]Y'Ni gUa a YbUfVY]h'a]h'XYf'; Ya Y]bgW\UZh'<]bk Y]gY'ni Yf\U`hYbž'X]Y'ni 'Y]bYf'5i Z_`Àfi b['XYg'JYfVfYW\Ybg'ZØ\fYb"'8]Y 6Y\ÒfXY']gh'i bhYf'XYf'HY`YZcbbi a a Yf'\$) +&%!-, &&\$'YffY]W\VUf"'

8Yf'GWXi hn'XYf'6Øf[Yf'\Uh'cVYfghY'Df]cf]hÀh

Dc`]nY]]bgdY_hcf]b'B]bU'H\]Ya Y'UddY``]Yfh'Ub'X]Y'6Øf[Yfž]bgVYgcbXYfY'Ui Zi b[Yk Ò\b`]W\Yg'JYf\U`hYb']b'VY`YVhYb6YfY]W\Yb'k]Y'Gi dYfa Àf_hYb'ni 'UW\hYb'' K]f'gYhnYb'U``Yg'XUfUbžX]Y'G]W\Yf\Y]h'ZØf'i bgYfY'6Øf[Yf'ni '[Yk À\f`Y]ghYb'' *\XYYf'<]bk Y]g]gh'k]W\h][ž'VYhcbh'H\]Ya Y"'9g']gh'YbhgW\Y]XYbXž'XUgg'X]Y5bk c\bYf']b']\fYf'K UW\gUa _Y]h'b]W\h'bUW\`UggYbž'i a 'gc`W\YJcfZÀ``Y'ni 'j Yf\]bXYfb"

5i Zfi Z'ni f'Gc`]XUf]hÀh'i bX'K UWXgUa _Y]h

±0.5 b V Y h f U W h i X Y f 'G]hi Uh]c b ']gh 'Y g 'k] W h][Y f i X Y b b 'Y ž i X Ugg '6 Ø f [Y f ni g Ua a Y b U f V Y]h Y b ž i a '] \ f Y B U W V U f g W U Zh 'ni 'g W Ø h n Y b "'Ÿ `h Y f Y A Y b g W Y b 'g]b X 'c Zh 'X]Y 'Ua 'gh A f _gh Y b '[Y Z A \ f X Y h Y b 'C d Z Y f 'j c b 8] Y V g h U \ ž i b X 'Y g ']gh 'Ub 'X Y f '; Y a Y]b g W U Zh ž '] \ b Y b 'G] W X Y f \ Y]h i b X I b h Y f g h Ø h ni b ['ni 'V]Y h Y b "' ± b X Y a 'g] Y 'g] W '[Y [Y b g Y]h]['\ Y `Z Y b 'i b X U i Za Y f _g U a 'V 'Y] V Y b ž _O b b Y b '`c _U Y '6 Y k c \ b Y f 'Y]b 'I a Z Y `X g W U Z Z Y b ž '] b 'X Y a 'J Y f V f Y W Y b '_Y] b Y b 'D `Uhn `\ U V Y b "

8]Y'<cZzbi b['VYghY\hž'XUgg'ni_ØbZh][Y'9fa]hh`i b[Yb'@]W\h']bg 8i b_Y``Vf]b[Yb'i bX'XYb'6Yk c\bYfb'j cb'GhUXh\U[Yb'nY][Ybž XUgg']\fY'G]W\Yf\Y]h'Yfbgh'[Ybca a Yb'k]fX"'8]Y'Ni gUa a YbUfVY]h nk]gW\Yb'XYf'Dc`]nY]'i bX'XYf'; Ya Y]bgW\UZh_ÒbbhY'XYb'GW\`ØggY` ni f'FYXi n]Yfi b['gc`W\Yf'J cfZÀ``Y'XUfghY``Yb"

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY