

: `Yi fi g. `; fc» a i hhYf`i bhYf`J YfXUW h
XYf`j Yfgi W hYb`HÒhi b[`]\fYf`9b_Y`]b

9]bY`* \$!`À\`f][Y`; fc» a i hhYf`V`Y]Vh`]b`< UZh`bUWXYa`g]Y`]b
: `Yi fi g`Ub[Y`_U[h`k i fXYž`]\fY`*!`À\`f][Y`9b_Y`]b`Yfa`cfXYh
`UVYb`ni`k`c`Yb`"

⊕`Y]bYa`VYgcf[b]gYffY[YbXYb`J`cfZU`]]b`:`Yi fi g`k i fXY`Y]bY
* \$!`À\`f][Y`; fc» a i hhYf`k`Y[Yb`j`Yfgi`W`hYb`A`cfXYg`Ub`]\`fYf
gYW`g`À\`f][Yb`9b_Y`]b`ZYgh[Ybca`a`Yb`"8`Ug`; Yf]W`h`]b`7`\Uf`Yfc]
YbhgW`]YX`Ua`8`cbbYfghU[ž`XUgg`g]Y`k`Y]hYf`]\b`]b
I bhYfgi`W`i`b[g`UZh`V`Y]Vh`ž`k`À\`fYb`X`X]Y`9fa`]h`i`b[Yb`Zc`fh[YgYhnh
k`YfXYb`"

8]Y`9fa`]h`i`b[Yb`Yf[UVYbž`XUgg`X]Y`; fc» a i hhYf`j`YfX`W`h][h
k`]fXž`Y]b`Y`GW`bi`f`i`a`X`Yb`< U`g`X`Y`g`A`X`W`Y`bg`[Y`Y[h`ni`"\`UVYb`"
;`Ø`W`_`]W`Y`fk`Y]g`Y`Yf`]h`i`X]Y`9b_Y`]b`X`U`V`Y`]_`Y]b`Y`J`Y`f`Y`h`i`b[Yb`"8`Y`f
J`c`f`Z`U`]]`Y`f`Y][b`Y`h`Y`g]W`Ua`G`c`b`b`h`U[`i`b`X`\`U`h`i`g`Y]h`Y`f`Z`Ø`f`5`i`Z`g`Y`\`Y`b
[Ygcf[h`"8]Y`; fc» a i hhYf`k`i`f`X`Y`X`U`f`U`i`Z`]b`]b`; Yk`U`f`g`Ua
[Ybca`a`Yb`i`b`X`Ua`8`cbbYfghU[a`c`f[Yb`ni`a`Y`f`g`h`Y`b`A`U`j`c`f`X`Y`a
; Yf]W`h`]b`7`\Uf`Yfc]j`c`f[Y`Z`Ø`\`fh`"

; Yf]W`h`g`j`Y`f`Z`U`\`f`Y`b`i`b`X`< U`Z`h`g`h`U`h`i`g`

8`U`g`ni`gh`À`b`X][Y`; Yf]W`h`\`U`h`i`X]Y`9b`hg`W`Y]X`i`b[`[Y`h`f`c`Z`Y`b`ž`X]Y
I bhYfgi`W`i`b[g`UZh`X`Y`f`5`b[Y`_`U[h`Y`b`ni`V`Y`gh`À`h][Yb`"8`U`g
V`Y`X`Y`i`h`Y`h`ž`X`U`gg`g]Y`V]g`ni`f`b`À`W`gh`Y`b`5`b`\`Ø`fi`b[`]b]W`h`Z`F`Y][Y`U`gg`Y`b
k`]f`X`"8]Y`g`Y`5`b`\`Ø`fi`b[`]gh`Z`Ø`f`Y]b`Y`b`A`c`b`U`h`U`b[YgYhnh`ž`i`b`X`X`U`g
; Yf]W`h`k`]f`X`X`U`b`b`Y`b`hg`W`Y]X`Y`b`ž`c`V`X]Y`< U`Z`h`V`Y`X]b[i`b[Yb
k`Y]h`Y`f`]\b`U`i`Z`f`Y`W`h`Y`f`U`h`Y`b`k`Y`f`X`Y`b`"8]Y`I`a`gh`À`b`X`Y`X`Y`g`:`U`Y`g
g]b`X`g`c`k`c`\`Z`Ø`f`X]Y`ž`gh]n`V`Y`\`Ø`f`X`Y`b`U`g`U`i`W`h`Z`Ø`f`X]Y`^`Z`Y`b`h]W`h`_`Y]h
j`c`b`[fc» Ya`⊕`h`Y`f`Y`gg`Y`ž`X`U`g]Y`:`f`U[Yb`Ø`V`Y`f`X`U`g`j`Y`f`U`h`Y`b`j`c`b

6Yni [gdYfgcbYb`i bX`XYfYb`J YfUbhk cfh]W_X]h`Ui Zk YfZYb"

8]Y`GhUUhgUbk U`hgW_XUZh`j cb`7\Uf`Yfc]`Uh`VYfY]hg`VYgh`h[hz`XUgg
X]Y`* \$!`A`f][Y`: fUi`]b`<UZh`j Yfv`Y]VYb`k]fXz`k A`fYbX`X]Y
9fa`]h`i b[Yb`k Y]hYf`Ui ZYb`"8]Yg`ghY`h`g]W_XYfz`XUgg`U`Y
fY`Yj UbhYb`: U`hYb`[f0bX`]W_X`i bhYfgi W_X`k YfXYbž`VYj cf`k Y]hYfY
fYW_X`h]W_X`Y`GW_X]h`Y`i bhYfbca`a Yb`k YfXYb`_0bbYb`"9g`V`Y]Vh
UVni k UfhYbž`k Y`W_X`Y`bYi Yb`i`bZcfa Uh]cbYb`a 0[`]W_XYfk Y]gY
k A`fYbX`X]Yg`Ui ZYbX`Yb`J YfZU`fYbg`Ubg`@W_X`h`_ca`a Yb`i bX`k]Y
X]YgY`X]Y`fYW_X`h]W_X`Yb`?cbgYei YbnYb`Z0f`X]Y`6YgW_X`i`X][hY
VYY]bZi ggYb`_0bbhYb"

8]Y`: c`[Yb`Z0f`X]Y`5b[Y`\0f][Yb

9g`]gh`k]W_X]h[`ni`VYUW_XhYbž`XUgg`gc`W_X`Y`hfU[]gW_XYb`9fY][b]ggY
]a`a Yf`Ui W_X`5i gk]f`_i b[Yb`Ui ZX]Y`: Ua`]]Yba`]h[`]YXYf`XYf
6YhY][]hYb`UVYb`"b`X]YgYa`gdYn]Y`Yb`: U`_0bbhY`X]Y`G]hi Uh]cb
gck c`Ya`ch]cbU`Y`U`g`Ui W_X`dgmW_X`c`c[]gW_X`Y`<YfUi gZcfXYfi b[Yb
Z0f`X]Y`VYhfcZYbYb`: Ua`]]Yba`]h[`]YXYf`a`]h]g]W_X`Vf]b[Yb"
5b[Y`\0f][Y`i bX`: fYi bXY`XYf`: Ua`]]Y`ghY`Yb`a 0[`]W_XYfk Y]gY`j cf
XYf`gW_X`k]Yf][Yb`5i Z[UVYž`a`]h`Y]bYa`gc`W_X`Yb`J cfZU`i`a`ni [Y`Ybž
XYf`b]W_X`h`bi f`fYW_X`h]W_X`Yž`gcbXYfb`Ui W_X`nk]gW_XYba`YbgW_X`]W_X`Y
GdUbbi b[Yb`j Yfi fgUW_X`h"

8]YgYf`: U`]gh`Y]b`k Y]hYfYf`6Yk Y]g`XUZ0fz`XUgg`]b`XYf`; YgY`gW_XUZh
]a`a Yf`k]YXYf`Yi hfYa`Y`J Yf`U`hYb`gk Y]gYb`Ui ZhfYhYb`_0bbYbž
gY`Vgh]b`XYb`]bh]a`ghYb`i bX`gW_XY]bVUf`g]W_XYfghYb
: Ua`]]YbVYn]Y`i b[Yb`"9g`]ghj`cb`Yb`hgW_XY]XYbXYf`6YXYi hi b[ž
gc`W_X`Y`J cfZ`Y`Yfbgh`ni`bY`a`Yb`i bX`X]Y`K`i fnY`b`XYg`DfcV`Ya`g
ni`Yf`_YbbYbž`i`a`ni`_0bZh][Y`A`b`]W_X`Y`HfU[0X]Yb`ni`j`Yfa`Y]XYb"

8YhU]`g

6Ygi W_XYb`G]Y`i bg`Ui Z.`b!U["XY