

9fZi fh'VYfY]hYh'g]W\ 'Ui Z'YI hfYa Y'<]hnYk Y``Y'j cf"'A Ø``UVZi \f VY[]bbh'VYfY]hg'i a '* 'I \fž'i a '; Ygi bX\Y]h'ni 'gW\ ØhnYb"



9fZi fhž·8 Yi hgWk `Ub X '! '8]Y '<]hnYk Y``Y 'fc``h'ØVYf'9fZi fh'i bX 'X]Y HYa dYfUhi fYb 'ghY][Yb 'Ui Z'F Y_cfXb]j YUi "'K]Y 'h\i Yf]b[Yb&("XY VYf]Wk hYhž·k YfXYb 'ZØf'X]Y '_ca a YbXYb 'HU[Y 'YI hfYa Y Gca a YfVYX]b[i b[Yb 'Yfk UfhYhž·X]Y 'b]Wk h'bi f'A YbgWk ž'gcbXYfb Ui Wk 'B Uhi f'ghUf_'VY`UghYb '_ObbhYb"' < OWk ghk YfhY 'ØVYf' (\$`..7ž'k]Y k]f'g]Y 'Ui g'XYb' <]hnYgca a Yfb '&\$%, 'i bX '&\$%- '_YbbYbž'ghY\Yb]a 'F Ui a 'i bX'_ObbhYb 'XYb'5``hU['XYf'9fZi fhYf'[Y\Of][Xi fWk Y]bUbXYfVf]b[Yb"

I a "Ui Z'X]YgY'G]hi Uh]cb'ni 'fYU[]YfYbž\Uh'X]Y'A Ø``UVZ \f']b'9fZ fh Y]b'VYgcbXYfYg'Jcf[Y\Yb'Ub[Y_ØbX][h"'5V'8]YbghU[ž'XYa '%"'\$\`]ž i bX'A]hhk cW\ž'XYa '&"'\$\`]ž'VY[]bbYb'X]Y'9bhgcf[i b[gZU\fnYi [Y VYfY]hg'i a '* I\f'a cf[Ybg'a]h']\fYf'5fVY]h"'Bcfa U`Yfk Y]gY'g]bX X]Y'5fVY]hYb'Yfgh'UV'+'I\f'Yf'UiVhžia'5bkc\bYf'jcf'XYa'@Àfa
ni'gW\ØhnYb"'8cW\'UiZ[fibX'XYf'<]hnYkUfbib['XYg'8YihgW\Yb
K YhhYfX]YbghYg'f8K8Ł'kifXY'Y]bY'GcbXYf[YbY\a][ib['YfhY]`hž
ia'X]Y'6YgW\ÀZh][hYb'jcf'[YgibX\Y]h`]W\Yb'F]g]_Yb'ni'VYkU\fYb"
8]Y'GhUXhkYf_Y'9fZifh'V]hhYb'X]Y'5bkc\bYfž']\fY'AØ``hcbbYb
VYfY]hg'Ua'JcfUVYbX'VYfY]hnighY``Yb"

?`]a Uk UbXY`i bX'gY]bY': c`[Yb

8]Y`XYfnY]h][Yb`K YhhYfVYX]b[ib[Yb`g]bX`_Y]b`9]bnY`ZU``ž`gcbXYfb
HY]``Y]bYg`[fÒ»YfYb`DfcV`Yag"8Yf`?`]aUkUbXY``ZØ\fh`ni
ghY][YbXYb`@ZhhYadYfUhifYb`ibX`\ÀiZ][YfYb
9IhfYaYfY][b]ggYb"`K]Y`X]Y`GhUXh`9fZifh`UiZ`]\fYf`KYVgY]hY`
YfZifh"XY`VYf]W\hYhž`g]bX`<]hnYdYf]cXYb``Àb[Yf`ibX`]bhYbg]jYf`U`g
bcW\`jcf`kYb][Yb`*J\fYb"`6YgcbXYfg`VYhfcZZYb`g]bX`X]W\h
VYVUihY`GhUXh[YV]YhYžX]Y`ibhYf`[fc»Yf`,VYfkÀfaib[``Y]XYb"

I a 'XYb'; Ygi bX\Y]hgf]g]_Yb'XYf'<]hnY'j cfni VYi [Ybž\UhXYf
9fZ fhYf'GhUXhfUh'&\$%- Y]bYb'A U» bU\a Yb_UhU`c['ni f'5bdUggi b[
Ub'X]Y'_`]a Uh]gW\Yb'JYfÀbXYfi b[Yb'VYgW\`cggYb"'6YgcbXYfY
5i Za Yf_gUa _Y]h'k]fX'XUVY]'XYa 'dfÀj Ybh]j Yb'; Ygi bX\Y]hggW\i hn
[Yk]Xa Yh"8]Y'GhUXh']bZcfa]Yfh']\fY'6Øf[Yf'ØVYf'X]Y'F]g]_Yb'j cb
<]hnYgW\ÀXYbži a '[Ygi bX\Y]h`]W\Y': c`[Yk]f_i b[Yb'ni
a]b]a]YfYb"'9]b'VYgcbXYfYg'<]hnY!DcfhU`V]YhYh'bØhn`]W\Y
<]bk Y]gY'i bX'A U» bU\a Yb'ni f'JYff]b[Yfi b['XYf'bY[Uh]j Yb
5i gk]f_i b[Yb'Xi fW\X]Y'<]hnY"'Ni XYa 'ghY\h'gY]h'A]hhY'\$i b]'&\$&'
Y]b'<]hnYhY'YZcb'VYfY]hž'VY]'XYa 'X]Y'GhUXhj Yfk U`hi b['i bhYf'XYf
Bi a a Yf'\$' *%'*))!((, -''\]'ZfY]W\Y'FUhgW\`A[Y'[]Vh"

; $Ygi bX\Y]hgf]g]_Yb^]b^NU\Yb$

<]hnYkY``Yb'V]g'9bXY'XYg'\$J\f\i bXYfhg'j Yfj]YfZUW\h'kYfXYb
_ObbhY"</pre>

6YgcbXYfg'VYhfcZZYb'j cb'X]YgYb'<]hnYk Y``Yb'g]bX'j i `bYfUV`Y; fi ddYb'k]Y'?]bXYfž'À`hYfY'A YbgWXYb'i bX'WXfcb]gWX'?fUb_Y"'9g]gh'VY_Ubbhž'XUgg'<]hnY'VYghY\YbXY'; Ygi bX\Y]hgdfcV`Ya YjYfgWXÀfZYb'_Ubb'i bX'Y]bY'Ni bU\a Y'XYf'GhYfVYZÀ``Y'ni f': c`[Y\Uh''I a 'XYa 'Ybh[Y[Ybni k]f_Ybž'd`Ubh'X]Y'6i bXYgfY[]Yfi b[A U» bU\a Yb'ni f'FYXi n]Yfi b['\]hnYVYX]b[hYf'HcXYgZÀ``Y'i bX?fUb_Yb\Ui gUi ZYbh\U`hYž'k Ug'b]WXh'bi f'Ui Z'bUh]cbU`Yfž'gcbXYfbUi WX'Ui Z'_ca a i bU`Yf'9VYbY'ni bY\a YbX']b'XYb': c_i g'fØW_h''

±0.5 b V Y h f U W N 'X] Y g Y f '9 b h k] W_`i b ['g] b X 'X] Y '9 f Zi f h Y f '[i h ' V Y f U h Y b Z g] W 'U i Z 'X] Y 'V Y j c f g h Y \ Y b X Y b 'H Y a d Y f U h i f Y b 'Y] b n i g h Y ``Y b 'i b X 'X] Y 5 b [Y V c h Y 'n i f '<] h n Y k U f b i b ['i b X '! V Y f U h i b ['U_h] j 'n i 'b i h n Y b " '5 i W k Y b b 'X Y f 'G c a a Y f 'U b 'X] Y 'H Ø f '_`c d Z h Ž '_Ò b b Y b 'k] f 'Y] b] [Y g 'h i b Ž i a [Y g i b X 'n i 'V `Y] V Y b °

8 Y hU]`g	
Cfh	9fZifhž8YihgWX`UbX
EiY``Yb	• k k k "h\i Yf]b[Yb&("XY
	• k k k "YfZi fh"XY
	• k k k "i a k Y`hVi bXYgUa h"XY

6Ygi WXYb G]Y i bg Ui Z. b!U["bYh