

9i fcj]g]cb %\$&*. '2 ghYffY]WX g GhÀ XhY _Aa d ZYb i a 'XYb '9G7'

² ghYffY]WX [Yk]bbh XYb '9G7 '&\$&* " , VYf '7 \ UbW b 'i bX < YfUi gZcfXYfi b[Yb 'ZØf'XYb 'Hci f]ga i g ']b 'XYb 6Yk YfVYfghÀXhYb"



K]Ybž'² ghYffY]W '!'² ghYffY]W '\Uh'XYb'9i fcj]g]cb'Gcb['7cbhYgh f9G7Ł'&\$&* 'bUW 'XYa 'VYa Yf_Ybgk YfhYb'G]Y['j cb'≫]a '\\J\f'&\$&) [Yk cbbYb"'8 Ug'9j Ybh'k]fX']b'² ghYffY]W 'ghUhhZ]bXYbž'k Ug'gck c\`7\UbW'b'ZØf'XYb'Hci f]ga i g'i bX'XUg' = U[Y'XYg'@UbXYg'a]h'g]W Vf]b[hž'U`g'Ui W 'a]h'\c\Yb'?cghYb'j YfVi bXYb']gh"'8 Yf'9G7']b 6UgY`'&\$&('_cghYhY'Yhk U'*('A]``]cbYb'9i fcž'Y]bY'Gi a a Yž'X]Y nk]gW Yb'XYa 'GW k Y]nYf': YfbgY\Ybž'XYf'GhUXh'6UgY`'i bX'XYf 9i fcdYUb'6fcUXWUgh]b['I b]cb'f96I Ł'Ui Z[YhY]`h'k i fXY"'8 Uf]c'G]`]W DfcZYggcf'Ub'XYf'Gk]gg'GW\cc`'cZ'6i g]bYgg'UbX'A UbU[Ya Ybhž gW\Ahnh'XYb'Ò_cbca]gW\Yb'DfcZ]h'ZØf'6UgY`'Ui Z'Y]bY'j Yf[`Y]W\VUfY <Ò\Y"

5_hi Y```VYk YfVYb`g]WX`a Y\fYfY`GhÀXhY`]b`2 ghYffY]WX`i a `X]Y

 $\label{eq:continuous} 5i \ gf] Wk hi \ b [\ XYg`9G7`&$\&*"`5``YfX]b [\ g`\ UVYb`VYfY]hg`Y]b] [\ Y GhÀXhYž'k]Y`?`U [\ YbZi \ fh`i \ bX`GU`nVi \ f [\ ž`UV [\ Yk i \ b_Yb"`?`U [\ YbZi \ fh VYhfUWk hYh`X]Y`5i \ gf] Wk hi \ b [\ `U`g` \ Y]bZUWk`b] Wk hia \ O [`]Wk \ ž`k \ A\ fYbX GU`nVi \ f [\ g`6Øf [\ Yfa \ Y]ghYf`X]Y`G]hi \ Uh]cb`U`g` \ XY`ZUWhc`i \ ba \ O [`]Wk VYgWk fY]Vhž`XU`X]Y`A YggYUfYbU`ZØf`Y]bYb`NY]hfUi a `j cb`gYWk g K cWkYb`V`cW_]Yfh`k YfXYb`a ØgghY"$

5 i gf]WX hi b[gUbZcfXYfi b[Yb i bX: Uj cf]hYb

 $8]Y \cdot 96I \cdot ghY ``h' \setminus c \setminus Y \cdot 5bZcfXYfi b[Yb \cdot Ub \cdot X]Y \cdot GhÀXhY \check{z} \cdot X]Y \cdot XYb \cdot 9G7 \\ Ui gf]WX hYb \cdot a \dot{O}WX hYb '' 8 Uni \cdot [Y \setminus ÔfYb \cdot ?f]hYf]Yb \cdot k]Y \\ < U ``Yb Ud Un]hÀhYb \check{z} \cdot Y]bY \cdot [i h \cdot Ui g[Y \vee Ui hY \cdot +bZf Ughfi _hi f \cdot i b X Ui gfY]WX Yb XY \cdot VYfb UWX hi b[ga Ô[`]WX _Y]hYb '' J cf \cdot X]YgYa \\ <]bhYf[fi b X \cdot []`h'K]Yb \cdot U`g \cdot b U \setminus Y`]Y[Yb XY \cdot C dh]c b \check{z} \cdot X U \cdot X]Y \cdot GhUXh VYfY]hg \cdot &$\%$) \cdot XYb \cdot 9G7 \cdot YfZc `[fY]WX \cdot Ui gf]WX hYhY '' \cdot 6Øf[Yfa Y]ghYf A]WX UY``@ Xk][`\ Uh' \ VYfY]hg \cdot gY]bY \cdot 6YfY]hg \ WX UZh \cdot ni f \cdot 5i gf]WX hi b[Yf `Afh'']$

#bbgVfi W_'nY][h'YVYbZU``g' #bhYfYggY'i bX'_ObbhY'X]Y'C `ma d]U\U``Y
U`g'a O[`]W\Yb'JYfUbghU`hi b[gcfh'bi hnYb"'5bXYfY'Gh\XhY']a
FYbbYb'g]bX'Gh"'DO`hYbž'K Y`g' 'k Y`W\Y'ØVYf'Y]bY'bYi Y
A YggY\U``Y'j YfZØ[h' 'gck]Y'CVYfk Ufhž'XUg'YXcW\'GW\k \AW\Yb']b
6Yni ['Ui Z'X]Y'#bZfUghfi _hi f'Ui Zk Y]gh"'?`Ui g'@Yi h[YVž'6YhfY]VYf
XYg'GW\k Ufn`!: fY]nY]hnYbhfi a g']b'DfYa gh\AhhYb'VY]'; fUnž'd`Ubh'Y]b
[fc» Yg'Di V`]WJ]Yk]b['i bX'g]Y\h'7\UbW'b'ZØf'; fUn"

9]b ZYghYf HYfa]b ZØf XYb 9G7 &\$&* ghY\h b c W b]W h ZYghž X c W XUg:]bU Y _ ObbhY j cfUi gg]W h]W Ua '%* "A U] &\$&* ghUhhZ]b XYb "8]YgY J cfVYfY]hi b[Yb nY][Ybž XUgg X]Y OghYffY]W]gW Yb GhÀ XhY VYfY]h g]b Xž g]W]a ']bhYfb Uh]cb U Yb 'F Ua d Yb `]W h ni 'df AgYbh]YfYb i b X X]Y ' < YfUi gZcfXYfi b[Yb XYg 9j Ybhq Ubni b Y\a Yb"

Cfh	K]Ybž ⁻² ghYffY]WX
EiY``Yb	• k k k "a Yf_i f"XY
	cYghYffY]WX "cfZ"Uh

6Ygi WXYb'G]Y'i bg'Ui Z.'Y]bY!fY]gY"XY