

I bVY_UbbhYf': U\fYf'bUW\'I bZU``']b D]fa UgYbg'[YZ'ØW\hYh''NYi [Yb''[Ygi W\h'

 $\label{eq:continuity} $$ I \ bVY_UbbhYf': \ U\ fnYi \ [\ Z\emptyset\ fYf'j\ Yfi \ fgUWkh'I \ bZU``Zi \ Wkh']b \\ D]fa \ UgYbg'' <]bk \ Y]gY `V]hhY `Ub `X]Y `Dc`]nY]]bgdY_h]cb \\ D]fa \ UgYbg''$

JYf`cfYbYg'JYfhfUi Yb']b'X]Y JYf_Y\fgg]W\Yf\Y]h

D]fa UgYbg fbhgŁ

K]WX h][Y NYi [YbUi Zfi ZY

8]Y'Dc`]nY]]bgdY_h]cb'D]fa UgYbg'V]hhYhi a '<]bk Y]gY'j cb'NYi [Yb" 8]YgY'_ObbhYb'YbhgWXY]XYbX'gY]bži a 'XYb'j YfUbhk cfh`]WXYb: U\fnYi [ZØ\fYf'ni ']XYbh]Z]n]YfYb"'8Ug'5i ZnY]WXbYb'j cb
5i hc_YbbnY]WXYb'i bX'XUg'A Y`XYb'j YfXÀWXh][Yf'5_h]j]hÀhYb'g]bX k]WXh][Y'A U» bU\a Ybži a 'X]Y'J Yf_Y\fgg]WXYf\Y]h']b'D]fa UgYbg ni 'Yf\O\Yb"'9]bY'?cbhU_hUi ZbU\a Y'ni f'Dc`]nY]'_Ubb'i bhYf'XYf HY`YZcbbi a a Yf'\$*'' %!) &\$!\$'cXYf'j]U'9!A U]`'Ub d]d]fa UgYbg4 dc`]nY]"f`d"XY'YfZc`[Yb"

8]Y'5i gk]f_i b[Yb'Y]bYg'gc`W\Yb'J cfZU``g Ui Z'X]Y'; Ya Y]bgW\UZh

I bZÀ``Y`X]YgYf`5fh`\UVYb`b]W\h'bi f`Z]bUbn]Y``Y`?cbgYei YbnYb`ZØf X]Y`6YhfcZZYbYbž'gcbXYfb`VYY]bZi ggYb`Ui W\`XUg G]W\Yf\Y]hg[YZØ\``]b`XYf`; Ya Y]bgW\UZh"K Ybb`: U\fnYi [Y`c\bY JYfUbhk cfhi b[`Xi fW\`X]Y`GhfU» Yb`ZU\fYbž'`Y]XYh`XUg`JYfhfUi Yb XYf`6Øf[Yf`]b`X]Y`JYf_Y\fgg]W\Yf\Y]h"`9g`]gh [YgUa h[YgY``gW\UZh`]W\`k]W\h][žY]bYb`cZZYbYb`8]U`c[`ØVYf`gc`W\Y Jcf_ca a b]ggY`ni `ZØ\fYbž'i a `X]Y`5i Za Yf_gUa _Y]h`XYf 2ZYbh`]W_Y]h`Ui Z`X]Y`DfcV`Ya Uh]_`ni ``Yb_Yb"

8 UgʻJ Yf\ U`hYbʻ]a ʻGhfU» Ybj Yf_Y\f \]bhYfZfU[Yb

8 Yf'J cfZU``'j YfXYi h']W\h'Ui W\'X]Y'Bchk YbX][_Y]hz'XUg'J Yf\U`hYb]a 'GhfU\'Ybj Yf_Y\f'ni 'ØVYfXYb_Yb"'J Yf_Y\fgXY`]_hYz]bgVYgcbXYfY'I bZU``Zi W\hYbz'g]bX'b]W\h'bi f j O`_YffYW\h`]W\dfcV`Ya Uh]gW\z'gcbXYfb'i bhYf[fUVYb'Ui W\'X]Y a cfU`]gW\Y'J YfUbhk cfhi b['[Y[YbØVYf'A]hVØf[Yfb"'9]b I a XYb_Yb']gh'[YZcfXYfh 'J YfUbhk cfhi b['i bX'N]j]`Wci fU[Y a ØggYb']b'XYb'GhfU\'Ybj Yf_Y\f']bhY[f]Yfh'k YfXYbz'i a 'Y]bY J YfVYggYfi b['XYf'G]W\Yf\Y]hg`U[Y'ni 'Yfn]Y`Yb"

GWX i ggZc [Yfi b[

8]Y'JYf_Y\fgg]hi Uh]cb']b'D]fa UgYbg']gh'Y]b'Gd]Y[Y'V]'X'[fÒ» YfYf HfYbXg']b'8Yi hgW\`UbXž'k c']a a Yf'k]YXYf'À\b`]W\Y'JcfZÀ``Y Xc_i a Ybh]Yfh'k YfXYb"'8]Y'Dc`]nY]'hÀh][h'XYb'5i Zfi Zž'i a [Ya Y]bgUa '@Ògi b[Yb'ni 'Z]bXYbž'X]Y'JYfhfUi Yb'k]YXYf\YfghY``Yb i bX'X]Y'G]W\Yf\Y]h'Yf\Ò\Yb"'\XXYf'6Øf[Yf'_Ubb'Xi fW\'Y]b'k UW\Yg 5i [Y'i bX'U_h]j Y'A]h\]`ZY'XUni 'VY]hfU[Ybž'XUgg'X]Y'GhfU» Yb g]W\YfYf'k YfXYb"

8 YhU]`g

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