

GhfY]h'i a 'Gc`UfdUf_']b'GhfYhYbgY. 6Øf[Yfa Y]ghYf'`Y[h'K]XYfgdfi W\'Y]b

5b_`Ua gʻ6Øf[Yfa Y]ghYf``Y[h'K]XYfgdfi WX`[Y[Yb'XYb'Ghcdd XYgʻGc`UfdUf_gʻ]b'GhfYhYbgY'Y]b' 'Y]b'GhfY]h'i a '9]bbU\a Yb i bX'9bhgWXY]Xi b[Yb"

GhfY]h'i a 'Gc`UfdUf_.'5b_`Ua g 6Øf[Yfa Y]ghYf'`Y[h'K]XYfgdfi WX'Y]b

GhUbX. \$%"\$, "&\$&(`\$+.(&'I \f

 $? cbZ^{-} = h^{-} \emptyset VYf^{-} 9bYf[]Yni_i bZh$

8 Yf'[Yd`UbhY'Gc`UfdUf_']b'GhfYhYbgYž'Y]bYa 'C fhghY]`'j cb'5b_`Ua
]a '@UbX_fY]g'J cfdca a Yfb!; fY]Zgk U`Xž'gcf[h'k Y]hYf\]b'ZØf
GdUbbi b[Yb']b'XYf'GhUXhdc`]h]_"'BUWX'Y]bYa '6YgWX`i gg'XYf'bYi
[Yk À\`hYb'GhUXhj YfhfYhYfž'XYf'XUg'6Ui j cf\UVYb'ghcddhYž'k YbXYh
g]WX'5b_`Ua g'6Øf[Yfa Y]ghYf'A]WXUY`'; U`UbXYf'bi b'[Y[Yb'X]YgY
9bhgWXY]Xi b["'8 Ug'Dfc'Y_hž'XUg'Y]bY': `ÀWXY'j cb'%' \$'<Y_hUf'ZØf
X]Y'Gc`UfYbYf[]Ybi hni b['j cfg]Y\hž']gh'gY]h'`Àb[YfYa 'i a ghf]hhYb
i bX'gd]Y[Y`h'XUg'F]b[Yb'i a 'Y]bY'bUWX\U`h][Y'9bYf[]Yni _i bZh']b
XYf'FY[]cb'k]XYf"

9]b Z]bUbn]Y``Yf J Yf`i gh ZØf 5b_`Ua 3

A]WX UY`; U`UbXYfž'XYf'ZØf'X]Y'K À\`Yfj YfY]b][ib['\dagle]h]Uh]j Yb'ZØf 5b_`Ua 'f\Z5\chighY\hž'Uf[ia Ybh]Yfhž'XUgg'X]Y'5\VgWXU`hib['XYg Dfc Y_hg'Yf\YV`]WXY'Z]bUbn]Y``Y'?cbgYei YbnYb'ZØf'X]Y'GhUXh'\UVYb_\ObbhY"'@Ui h'gY]bYb'5b[UVYb'k ØfXY'5b_`Ua 'Ui Z'9]bbU\a Yb'j cb ØVYf'') \$"\$\$\$'9i fc'j Yfn]WXhYbž'X]Y'Xi fWX'XYb'6Yhf]YV'XYg

Gc`UfdUf_g`[YbYf]Yfh`k YfXYb`_ObbhYb"`8]YgY`Z]bUbn]Y``Y
DYfgdY_h]j Y`]gh`]b`5b_`Ua `VYgcbXYfg`k]W\h][ž`XU'?ca a i bYb`]b
8 Yi hgW\`UbX`ni bY\a YbX`i bhYf`8 fi W_`ghY\Ybž`]\fY`< Ui g\U`hY`ni
gUb]YfYb`i bX`±j Ygh]h]cbYb`]b`bUW\\U`h][Y`DfcY_hY`ni `ZOfXYfb"

Dc`]h]gWXYAUWXhjYf\A`hb]ggY]a IaVfiWX

$K \]WX h][\ \underline{Y}]h \ X Y g \ Dfc \ Y \underline{hg} \ ZØf \ X]Y \ F Y [\]c b$

8]Y??cbhfcj YfgYbii a iXYbiGc`UfdUf_i]biGhfYhYbgYig]bXib]Wkhibi f Y]bYi`c_U`Yi5b[Y`Y[Yb\Y]hžigcbXYfbij YfXYi h`]WkYbiUi WkiVfY]hYfY HfYbXgi]bi8Yi hgWk`UbX"i5b[Yg]WkhgiXYgi?`]a UkiUbXY`gii bXghY][YbXYfi9bYf[]Y_cghYbi]ghiX]Yi5i gkiY]hi b[iYfbYi YfVUfYf 9bYf[]Yei Yi`Ybij cbinYbhfU`Yfi6YXYi hi b["i8YfiK]XYfghUbXi[Y[Yb XYbiGc`UfdUf_i_ObbhYiXU\Yfib]Wkhibi fi5b_`Ua gik]fhgWkUZh`]wkiY Ni _i bZhžigcbXYfbiUi WkiXYggYbi9b[U[Ya YbhiZØfiY]bYibUWk\Uih][Y9bYf[]Yj Yfgcf[i b[iVYY]bZi ggYb"

5 i gV`]W_ Ui Z'X]Y b À W ghYb GW f]hhY

8]Y'5i gY]bUbXYfgYhni b[Yb'fi bX'i a 'XYb'Gc`UfdUf_']b'GhfYhYbgY k YfXYb'j cfUi gg]W\h`]W\'k Y]hYfY'fYW\h`]W\Y'i bX'dc`]h]gW\Y'GW\f]hhY bUW\'g]W\'n]Y\Yb"'6Øf[Yfa Y]ghYf'; U`UbXYf'_ØbX][hY'Ubž'XYb K]XYfgdfi W\'Zcfa Y``Y]bni fY]W\Ybž'k Ug'XYb'k Y]hYfYb'JYf`Ui Z'XYg Dfc'Y_hg'YbhgW\Y]XYbX'VYY]bZi ggYb'_ObbhY"; `Y]W\nY]h]['V`Y]Vh UVni k UfhYbž'k]Y'X]Y'j YfgW\]YXYbYb'dc`]h]gW\Yb'; fi dd]Yfi b[Yb']b

5b_`Ua 'Ui Z'X]Y 'Ub\U`hYbXYb'8YVUhhYb'fYU[]YfYb'k YfXYb"'8]Y 8]g_i gg]cb'i a 'XYb'Gc`UfdUf_'_ÒbbhY'gca]h'ni 'Y]bYa 'DfØZghY]b ZØf'X]Y'ni _ØbZh][Y'9bYf[]Ydc`]h]_'XYf'[YgUa hYb'FY[]cb'k YfXYb"

=b XYb A YX]Yb

8]YgYg'H\Ya U'k]fX'Ui W\']b'XYb'FY[]cbU`bUW\f]W\hYb'j cb'B8F'% FUX]c'A J'VY\UbXY`hž'X]Y'Ua '\$%"\$, "&\$&('i a '\$).' \$'I \f Ui g[YghfU\`h'k i fXYb"

B 5;

8 YhU]`g

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