

8]Y Dc`]nY] V]hhYh i a '<]bk Y]gY. HUgWXYbX]YVghU\`]b 6chhfcd Ui Z[Y_`Àfh3

8]Y'Dc`]nY]'FYW_`]b[\UigYb'ZU\bXYh'a]h': chcg'bUW\'Y]bYf JYfXÀW\h][Yb'kY[Yb'HUgW\YbX]YVghU\`'ibX 7ca dihYfVYhfi[']b'6chhfcd"

'\$"\$+"&\$&(` '%(. ('

 $Dc']nY]dfAg]X]i a 'FYW_']b[\Ui gYb$

8]Y'5i gk]f_i b[Yb'j cb'HUgWXYbX]YVghU\` Ui Z'X]Y'; Ya Y]bgWXUZh

 $\pm 0.700b[ghYfNY]h^{\t}\ Uh^{\t}]b^{\t}\ CfZU^{\t}]b^{\t}\ 6chhfcd^{\t}X]Y^{\t}5i^{\t}Za^{\t}Yf_gUa^{\t}]h^{\t}XYf^{\t}Dc^{\t}]n^{\t}Y[Ui^{\t}Zg]W^{\t}[Ync[Yb^{\t}ibX^{\t}ghY^{\t}h^{\t}X]Y^{\t};fU[Yz^{\t}k^{\t}]Y^{\t}gc^{\t}W^{\t}Y]b^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}W^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Ygh^{\t}Yf^{\t}Y$

8YfJcfZU``']a '8YhU]`

5a 'VYgU[hYb'HU['_Ua 'Yg' 5a 'DZYfXYa Uf_h 'ni 'Y]bYa '8]YVghU\`ž VY]'XYa 'Y]bY'i bVY_UbbhY'HÀhYf]b'X]Y'; Y'X_UfhY'XYg'CdZYfg Ybhk YbXYhY"'9]bYb'HU['gdÀhYf'k i fXY'a]h'XYf'[Yghc\`YbYb'?UfhY; Y`X'Ub'Y]bYa 'bU\Y[Y`Y[YbYb'; Y`XUi hca UhYb'UV[Y\cVYb"'8]Yg nY][hž'k]Y'gW\bY``i bX'YZZ]n]Ybh'gc`W\Y'JYfVfYW\Yb'Xi fW\[YZØ\fh k YfXYb'_ObbYbž'k Ug'XUg'; YZØ\`'XYf'G]W\Yf\Y]h']b'XYf

8]Y'Fc``Y'XYf'² ZZYbh`]W_Y]h'VY]'XYf 5i Z_`Àfi b[

±b 'Y]b Ya 'VYa Yf_Ybgk YfhYb 'GW\f]hh'\Uh'X]Y 'Dc`]nY]': chcg'XYf
HUhj YfXÀW\h][Yb 'j YfÒZZYbh`]W\hž'i a 'X]Y '2 ZZYbh`]W_Y]h'i a 'A]h\]`ZY
ni 'V]hhYb"'Gc`W\Y'5i Zfi ZY 'g]b X 'YbhgW\Y]XYb Xž'XYbb 'g]Y
a cV]`]g]YfYb 'X]Y'; Ya Y]bgW\UZh'i b X 'ZÒfXYfb 'XUg
Ni gUa a YbUfVY]hYb 'nk]gW\Yb 'Dc`]nY]'i b X '6Øf[Yfb"'K Yf

±b Zcfa Uh]cbYb 'ni 'XYa 'J cfZU```\Uhž'k]fX 'Ui Z[YZcfXYfhž'g]W\'ØVYf
X]Y'<ch`]bY'\$, \$\$#&' *%'%%'ni 'a Y`XYb"

8]Y'Dc`]nY]'a UW\h'XYi h`]W\ž'XUgg'g]Y'Ui Z'X]Y'I bhYfghØhni b['XYf5bk c\bYf'Ub[Yk]YgYb']ghži a 'XYfUfh][Yb'JYfVfYW\Yb'YZZY_h]jYfYbh[Y[Ybni k]f_Yb'i bX'XUg'G]W\Yf\Y]hg[YZØ\`'XYf'AYbgW\Yb']b6chhfcd'ni 'ghÀf_Yb"

8]Y; YZU\fYbjcb`HUgW\YbX]YVghU\`ibX 7ca di hYfVYhfi [

HUgWXYbX]YVghU\``]gh'Y]b'k Y]h'j YfVfY]hYhYg'DfcV`Ya ž'XUg'b]WXh'bi f Z]bUbn]Y``Y'J Yf`i ghY'ZØf'X]Y'CdZYf'a]h'g]WX'Vf]b[hž'gcbXYfb'Ui WXdgmWXc`c[]gWXY'5i gk]f_i b[Yb'\Uh''8]Y'A YbgWXYb'ZØ\`Yb'g]WX']b]\fYb'hÀ[`]WXYb'5_h]j]hÀhYb'cZh'i bk c\`i bX'a]gghfUi]gWX'''C\bY gWXbY``Y'i bX'YZZY_h]j Y'A U» bU\a Yb'XYf'Dc`]nY]'_ÒbbhYb'gc`WXYJcfZÀ``Y'ni bY\a Yb'i bX'XUg'gcn]U`Y'; YZØ[Y'XYf'; Ya Y]bgWXUZh k Y]hYf'VY`UghYb"

±0:X]YgYf'k c\`\UVYbXYb'GhUXhž'k c'X]Y'A YbgW\Yb'cZh'Ui ZY]bUbXYf Ub[Yk]YgYb'g]bXž']gh'Yg'k]W\h][ž'XUgg'U``Y'6Øf[Yf'k UW\gUa V`Y]VYb'i bX'dfcU_h]j']\fY'l a [YVi b['VYcVUW\hYb"'8]YgY'5fh'XYf DfÀj Ybh]cb'_Ubb'XUni 'VY]hfU[Ybž'X]Y'5bnU\``XYf'JYfVfYW\Yb'ni

: Un]h

8 Y f :: U```]b '6c hhfcd ']gh'Y]b 'Y]b X f]b [`]WX Y f F Ya]b XY f 'ZØf'U``Y ž X]Y b UWX 'G]WX Y f \ Y]h'i b X 'J Y f h f Ui Y b ']b ']\ f Y f ; Ya Y]b g WX U Zh 'gh f Y V Y b " 8 i f WX 'X U g 'N i g Ua a Y b U f V Y]h Y b 'i b X 'X]Y 'I b h Y f g h Ø h n i b ['X Y f '`c_U`Y b D c `]n Y] '_O b b Y b '6 Ø f [Y f]b b Y b 'i b X '6 Ø f [Y f 'Y]b Y b 'k] WX h] [Y b '6 Y]h f U [n i f 'G] WX Y f \ Y]h']\ f Y f 'B U WX V U f g WX U Zh ``Y]g h Y b " @ Y h n h Y b X`] WX '`]Y [h 'Y g U b 'i b g 'U``Y b ž X]Y '; Ya Y]b g WX U Zh 'n i 'g WX Ø h n Y b 'i b X 'J Y f V f Y WX Y b 'k] Y H U g WX Y b X] Y V g h U \``i b X '7 ca d i h Y f V Y h f i ['n i 'j Y f \]b X Y f b "

 $F ØW_ZfU[Yb^*ZØf^AYX]YbgWXUZZYbXY^V]hhY^*Ub.$

Dc`]nY]dfÀg]X]i a 'FYW_`]b[\Ui gYb
D]U'K Y»]b[
HY`YZcb.'\$&' *%'))'%\$' &
9!A U]`.'dfYggYghY``Y"fYW_`]b[\Ui gYb4 dc`]nY]"bfk "XY
J YfZc`[Yb'G]Y'i bgYfY'A Y`Xi b[Yb'Ui W\'Ui Z

Cf][]bU`!7cbhYbh'j cb. 'Dc`]nY]dfÀg]X]i a 'FYW_`]b[\Ui gYbž \emptyset VYfa]hhY`h'Xi fW\'bYk g'U_hi Y``

B 5;

8 Y hU]`q

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