

: 7 6i f[gc`a gˈg]WX Yfhˈg]WX 'YfghYb 'G]Y[ˈ]b XfUa Uh]gWX Yf 'J YfVUb Xg`][U!DUfh]Y

8 Y f : 7 '6 i f [gc `a g 'ZY] Y f h 'Y] b Y b 'gd UbbY b X Y b '(.' !G] Y ['[Y [Y b X Y b ': J '6 f Y] X Y b V U W '] b 'X Y f ': i » V U ``! J Y f V Ub X g `] [U i b X ghUf h Y h Y f Z c `[f Y] W '] b 'X] Y 'G U] g c b "

9]b'gdUbbYbXYg'8i Y``']b'XYf': i » VU``! J YfVUbXg`][U

 $\pm 0.17 \] b Ya \ "a \] h f Y] * Yb X Yb ": i * VU ``gd] Y ``Ua ": f Y] h U [UV Yb X `nk] g W Yb X Ya ": 7 "6 i f [gc `a g "i b X " X Ya ": J "6 f Y] X Y b V U W ž V Y k Y] g h "X] Y A Ub b g W U Zh "Ui g "Gc `a g ! 6 i f [gc `a g "] \ f "? Ob b Y b "i b X "g] W Y f h "g] W X Y b "Y f g h Y b "G] Y ["] b "X Y f "b c W "1 b [Y b "G U] g c b " 8] Y g Y "D U f h] Y " \ Uh "b] W h b i f "g d c f h`] W Y "6 Y X Y i h i b [ž g c b X Y f b k] f Zh "Ui W "Y] b "@] W h "Ui Z "X] Y U_h i Y ``Y "9 b h k] W_`i b ["i b X "X] Y " < Y f Ui g Z c f X Y f i b [Y b "] b "X Y f J Y f V U b X g `] [U "$

8Yf'JYf`UiZ'XYg'Gd]Y`g

8 UgʻGd]Y`VY[UbbʻZØfʻXYbʻ: 7 '6i f[gc`a gʻj]Y`j YfgdfYWXYbX. 'GWXcb]bʻXYfʻgYWXghYbʻA]bi hYʻhfUZʻ¾gh]bʻ5`YI UbXYfʻGWXbY]XYfʻni a '%.\$" 8]YgYfʻZfØ\YʻHfYZZYfʻgYhnhYʻXYbʻ; fi bXghY]bʻZØfʻY]bYbʻhf]i a d\U`Yb5VYbXʻZØfʻX]YʻA UbbgWXUZhʻj cbʻHfU]bYfʻ8 Ub]Y`ʻGWXÀZYf"ʻHfchnY]bYgʻnk]gWXYbXi fWXʻUi Z_Y]a YbXYbʻK]XYfghUbXgʻXYfʻDYfZhU`YfžX]Yʻa]hʻnk Y]ʻGd]Y`YfbʻXUgʻ: Y`Xʻj cfnY]h][ʻj Yf`UggYbʻa i gghYbž_cbbhYʻ6i f[gc`a gʻXUgʻ9f[YVb]gʻUi Zʻ(.' 'Vf]b[Ybʻi bXʻXUa]hʻXYbYfghYbʻG]Y['XYfʻGU]gcbʻZY]Yfb"

8 Y 6 Y X Y i hi b [ZØf X Y b : J 6 f Y] X Y b V U W

K À\fYbX`X]Y`Gd]Y`Yf`XYg`: 7`6i f[gc`a g`f VY`b`_cbbhYbž`g]Y\h'X]Y G]hi Uh]cb`ZØf`XYb`: J`6fY]XYbVUW\`XYi h`]W\`k Yb][Yf`YfZfYi `]W\
Ui g"`A]h'bi b`nk Y]`B]YXYf`U[Yb`Ui g`nk Y]`Gd]Y`Yb`ghY``h`g]W\`X]Y
: fU[Y`bUW\`XYb`I fgUW\Yb`X]YgYg`: Y\`ghUfhg"`HfU]bYf`XYg`: J
6fY]XYbVUW\ž`XYggYb`HYUa `U`g`: Uj cf]h`]b`X]Y`GU]gcb`[]b[ž
_ØbX][hY`JYfÀbXYfi b[Yb`i bX`Y]bY`]bhYbg]j Y`5bU`mgY`]a `?UXYf
Ubži a `Ui g`X]YgYb`FØW_gW\`À[Yb`ni `YfbYb"

9]b 6`]W_ Ui Z'X]Y J YfVUbXg`][U

8]YgY'Gd]Y'Y']b'XYf': i » VU'`!J YfVUbXg`][U'g]bX'j cb'[fc » Yf 6YXYi hi b['ZØf'X]Y'VYhY]`][hYb'A UbbgW\UZhYb"'8]Y'@][U'gd]Y`h'Y]bY GW\`ØggY`fc'`Y']b'XYf'fY[]cbU`Yb'Gdcfh`UbXgW\UZh'i bX'V]YhYh HU`YbhYb'Y]bY'D`UhhZcfa ž'g]W\'ni 'dfÀgYbh]YfYb"'8Yf': 7'6i f[gc`a g nY][h'a]h'X]YgYa 'G]Y[ž'k]Y'k]W\h]['HYUa UfVY]h'i bX 8i fW\\U`hYj Yfa Ò[Yb']a : i » VU``'g]bX"

; Ya Y]bgWX UZh'i bX Ni gUa a Yb\U`h'ZÒfXYfb

#D :XYb :gcn]U`Yb :A YX]Yb :\ UVYb :X]Y :: Ubg :XYg :: 7 :6i f[gc `a g :VYfY]hg
]\ fYb :J YfY]b :[YZY]Yfh :i b X :Y]b :; YZØ\ `: XYf :; Ya Y]bgW :UZh
\Yfj cf[Yfi ZYb "'Gc `W Y :9fZc `[Y :ghÀf_Yb :b]W h :bi f :XYb
Ni gUa a Yb\U`h :]bbYf\U`V :XYf :A UbbgW :UZhž :gcbXYfb :ZÒfXYfb :Ui W .X]Y :6]bXi b[:XYf :: Ubg :Ub :]\ fYb :7 `i V " :8 U\Yf :]gh :X]Y :I bhYfghØhni b[
XYf :5b\Àb[Yf :]b :NY]hYb :j cb :G]Y[:i bX :B]YXYf `U[Y :YbhgW Y]XYbX
ZØf :XYb ``Ub[Zf]gh][Yb :9fZc `[:XYf :J YfY]bY "

Ni gUa a YbZUggi b['i bX '5i gV`]W_

8 Yf 'G]Y['XYg': 7 '6i f[gc`a g'[Y[Yb 'XYb': J '6fY]XYbVUW\ ']gh'b]W\ h bi f 'Y]b 'k]W\ h][Yf 'A ca Ybh']b 'XYf '`Ui ZYbXYb 'GU]gcbž 'gcbXYfb 'Ui W\ Y]b '\delta X]n 'ZØf'X]Y 'Gh\ Af_Yb 'i bX 'GW\ k \ AW\ Yb 'XYf 'HYUa g']b 'XYf J YfVUbXg`][U" 'K \ A\ fYbX '6i f[gc`a g'Zf\)\ ']W\ 'ZY]Yfb 'XUfZ\'z'[]`h 'Yg 'ZØf 6fY]XYbVUW\ \ z'XYb '? cd Z'\cW\ ni\U`hYb 'i bX 'Ub 'XYb'_ca a YbXYb < YfUi gZcfXYfi b[Yb 'ni 'k UW\ gYb" '8]Y 'b\ AW\ ghYb 'Gd]Y 'Y 'k YfXYb nY][Yb\ z'k]Y 'g]W\ 'X]Y '@U[Y 'k Y]hYf 'Ybhk]\ W_Y`h"

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