

9]bVfi W\ ' ]b ' @Ui VUW\ Yf 'GW\ i ' \Y. 'Dc `]nY ]  
gi W\ h'Xf]b [ YbX 'NYi [ Yb

9]bVfØW\ Y ' ]b 'GW\ i ' \Y 'i bX '@U [ Yf \ U ` `Y 'gck ]Y 'Y]b '5i hcUi ZVfi W\  
]b ' ; ]Y » Yb. 'Dc `]nY ]'gi W\ h'NYi [ Yb 'ZØf 'X]YgY 'J cfZÄ ` `Y "

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

Dc `]nY]dfÄg]X]i a ' A ]hY ` \YggYb ' 'DfYggYghY ` `Y ; ]Y » Yb

5\_hi Y ` `Y 'J cfZÄ ` `Y ' ]b 'XYf 'FY [ ]cb 'nY ] [ Ybž'k ]Y 'k ]W\ h] [ 'Yg ' ]ghž' ]b 'XYf  
Y ] [ YbYb 'B UW\ VUfgW\ UZh'K UW\ gUa \_Y ]h'ni 'nY ] [ Yb " ' † ' XYb ' `YhYb  
HU [ Yb ' [ UV 'Yg 'a Y \fYfY '9]bVfØW\ Y 'i bX '8 ]YVghÄ ` `Y ' ]b 'XYf  
I a [ YVi b [ 'j cb ' ; ]Y » Ybž'X]Y 'Xi fW\ 'X]Y 'Dc `]nY ]'Ui Z [ Y \_Äfh'k YfXYb  
gc ` `Yb "

9]bVfi W\ ' ]b 'GW\ i ' \Y. 'G]W\ Yf \ Y ]hgf]g]\_c 'ZØf 'X]Y  
; Ya Y ]bgW\ UZh

‡ '@Ui VUW\ ' \_Ua 'Yg'ni 'Y]bYa '9]bVfi W\ ' ]b 'Y]bY 'GW\ i ' \Y ]a  
GW\ a Y `nk Y [ " 'I bVY \_UbbhY 'XfUb [ Yb 'nk ]gW\ Yb ' : fY ]hU [ ž'XYa ' '%- "  
† ' ]ž'i bX 'A cbhU [ ž'XYa ' '&&' † ' ]ž' ]b 'XUg 'GW\ i ' [ YVÄi XY 'Y]bž' ]bXYa  
g]Y 'Y]b ' : YbghYf 'Ui ZVfUW\ Yb " ' † ' † bYfYb 'Xi fW\ gi W\ hY 'XYf 'HÄhYf  
X]Y 'FÄi a ' ]W\ \_Y]hYb 'i bX 'GW\ fÄb \_Y " '6]g'Ub [ ' ]gh'b]W\ h'VY \_Ubbhž'cV  
; Y [ YbghÄbXY 'Ybhk YbXYh'k i fXYb " 'Gc `W\ Y 'J cfZÄ ` `Y 'ghY ` `Yb 'b]W\ h  
bi f'Y]bYb 'Z]bUbn]Y ` `Yb 'J Yf'i gh'XUfž'gcbXYfb 'Ui W\ 'Y]b  
G]W\ Yf \ Y ]hgf]g]\_c 'ZØf 'X]Y 'GW\ Ø'Yf'i bX 'A ]hUfVY]hYfž'X]Y 'g]W\ ' ]b 'XYf  
GW\ i ' \Y 'Ui ZÄU'hYb "

8 ]YVghU \ ` `j cb 'DZUbXZ`UgW\ Yb. '9]b'k Y]hYfYg  
NY]W\ Yb 'j cb '? f]a ]bU` ]hÄh

⊕'K YhhYbVYf[ 'k i fXY`Y]b`k Y]hYfYf`J cfZU``[ Ya Y`XYhž`VY]`XYa `Y]b  
l bVY\_UbbhYf`Ui g`Y]bYf`@U[ Yf\U``Y`]b`@Ui bgVUW`DZUbXZUgWYb  
]a`K Yfhj cb`%) \$`9i fc`Ybtk YbXYhY``8Yf`8]YV`VfUW`nk ]gWYb  
GUa ghU[ ž`XYa `&\$``ž`]ž`i bX`A cbhU[ ž`XYa `&&``ž`]ž`Y]b`i: YbghYf`Ui Z  
i bX`\_cbbhY`a ]h`XYb`[ Yghc`\`YbYb`K UfYb`i bVYa Yf\_h`Ybh\_ca`a Yb`  
8Yf`8]YVghU`\`j cb`DZUbXZUgWYb`]gh`b]W`h`bi f`Y]b`a UhYf]Y``Yf  
J Yf`i ghž`gcbXYfb`k ]fZ`h`Ui W`i: fU[ Yb`ØVYf`X]Y`G]W`Yf\Y]h]j cb  
@U[ Yfgh`hYb`]b`XYf`FY[ ]cb`Ui Z'

## 5i hcUi ZVfi W`]b`Dc`\`Y]a` .`G]W`Yf\Y]h`]a GhfU» Ybj Yf\_Y`f

9]b`k Y]hYfYf`J cfZU``YfY][ bYhY`g]W`]b`Dc`\`Y]a ž`[ YbUi Yf`[ YgU[ h  
]b`K UhnYbVcfb!GhY]bVYf[ ž`k c`Y]b`H`hYf`X]Y`GY]hYbgWY]VY`Y]bYg  
dUf\_YbXYb`i: U\fnYi [ g`fGYUh`Y]bgW`i [ ``8]Yg`[ YgW`U\`nk ]gWYb  
: fY]hU[ ž`XYa `%-``ž`]ž`i a`&\$.` \$`l` \f`i bX`A cbhU[ ž`XYa `&&``ž`]ž`  
i a`+.` \$`l` \f`]b`XYf`H`YcXcf!<Yi gg!GhfU»Y``8Yf`8]YV`Ybtk YbXYhY  
Y]bY`gW`k UfnY`@XYf`U`bXhUgWY`i bX`\_cbbhY`YVYbZU`g  
i bVYa Yf\_h`Ybh\_ca`a Yb``Gc`W`Y`HUhYb`k ]f\_Yb`g]W`]b]W`h`bi f`Ui Z  
X]Y`VYhfcZYbYb`DYfgcbYb`Ui gž`gcbXYfb`k YW\_Yb`Ui W`XUg  
6Yk i ggghY]b`ZØf`X]Y`Bchk YbX][ \_Y]hž`i: U\fnYi [ Y`VYggYf`ni`g]W`Yfb`

## 2 ZZYb h`]W`Y`A ]h\ ]`ZY`[ YZfU[ h

8]Y`Dc`nY]\`Uh`X]Y`6Yj Ò`\_Yfi b[ `XUni`Ui Z[ Yfi ZYbž`Ui Za Yf\_gUa`ni  
gY]b`i bX`j YfX`AW`h][ Y`5\_hj ]h`hYb`ni`a`Y`XYb``NYi [ Yb`]b`@Ui VUW  
cXYf`K YhhYbVYf[ ž`X]Y`Yhk Ug`J YfX`AW`h][ Yg`VYa Yf\_h`\UVYbž  
k YfXYb`[ YVYhYbž`g]W`i bhYf`XYb`Ub[ Y[ YVYbYb`HY`YZcbbi`a`a Yfb  
ni`a`Y`XYb``8]Y`l`bhYfghØhni b[ `XYf`; Ya Y]bgW`UZh`gh  
YbhgW`Y]XYbXž`i a`X]YgY`J cfZ`A``Y`ni`j Yf\]bXYfb`i bX`X]Y  
G]W`Yf\Y]h`ni`Yf\Ø`Yb`

## : Un]h.`K UW`gUa`\_Y]h`]gh`[ YZcfXYfh

8]Y`[ YbUbbhYb`J cfZ`A``Y`a`UW`Yb`XYi`h`]W`ž`XUgg`]b`XYf`FY[ ]cb  
; ]Y»Yb`Y]b`k UW`gYbXYg`6YXØfZb]g`bUW`; Ya Y]bgW`UZhgg]W`Yf\Y]h  
i bX`[ Y[ YbgY]h][ Yf`5i Za Yf\_gUa`\_Y]h`VYghY`\h``8]Y`Dc`nY]`ghY`\h]b

?cbhU\_h'a ]h'XYf'² ZZYbh]W\ \_Y]hi bX'Yfa i h][ h'U`Y'6Øf[ Yfž'g]W  
U\_hj] 'Ub'XYf'G]W\ Yf\Y]h']\fYf'B UW VUfgW\ UZh'ni 'VYhY']][ Yb"  
?f]a ]bU' ]hÅh'\_Ubb'i bg'U`Y'VYhfY ZZYbž'i bX'[ Ya Y]bgUa '\_ØbbYb'k ]f  
a Ò[ ` ]W\ Yfk Y]gY'dchYbn]Y`Yb'HÅhYfb'X]Y'Gh]fb'V]YhYb"

F ØW\_ZfU[ Yb'V]hhY'Ub.

Dc`nY]dfÅg]X]i a 'A ]hhY`\YggYb

DfYggY!'i bX'² ZZYbh]W\ \_Y]hgUfVY]h

: Yfb]YghfU» Y'.

' )' - ( ; ]Y» Yb

HY`Y Zcb.' \$\* ( %#+ \$\$\*!&\$('

9!A U]'. :dfYggYghY`Y"dda \4 dc`nY]"YggYb"XY

K YVg]hY.' k k k "dc`nY]"YggYb"XY#dda \

' B5;

8YhU]`g

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