

DYbX`Yf`fi bX`i a `Ghi hh[ Ufh. `G!6U\b!  
6Ui UfVY]hYb`gcf[ Yb`ZØf`l a `Y]hi b[ Yb`i bX  
; YXi `X

DYbX`Yf`]b`Ghi hh[ Ufh`a ØggYb`V]g`\*`"GYdhYa VYf`a ]h  
6Ui UfVY]hYb`i bX`Ni [ Ui gZÄ`Yb`Ui ZXYf`G!6U\b!  
GhUa a ghfYW\_Y`fYWbYb"

9]b`6`]W\_`Ui Z`X]Y`5i gk ]f\_`i b[ Yb`XYf`G!6U\b!  
GdYffi b[ `]b`Ghi hh[ Ufh

8]Y`DYbX`Yf]bbYb`i bX`DYbX`Yf`]b`XYf`A Yhfc`dc`fY[ ]cb`Ghi hh[ Ufh  
a ØggYb`g]W`i]b`XYb`\_ca a YbXYb`K cW`Yb`Ui Z`Yf`YV`]W`Y  
9]bgW`fÄb\_`i b[ Yb`]a `6U\b]Yf`\_Y`f`Y]bghY`"Yb"; fi bX`]\YfZØf`g]bX  
i a ZUb[ fY]W`Y`6Ui UfVY]hYb`ž`X]Y`gY]h`XYa `&+" ' ð ' ]&\$\$( `V]g`ni a `\*`"  
GYdhYa VYf`&\$\$( `X]Y`Hi bbY`ghfYW\_Y`nk ]gW`Yb`Ghi hh[ Ufh  
<Ui dhVU\b`cZi bX`J`U]\]b[ Yb`VYhfYZZYb`"8]YgY`A`U» bU`a`Y`U`h  
b]W`h`bi`f`5i`gk`]f\_`i`b[`Yb`Ui`Z`X]Y`:`U`fnY]hYb`ž`gcbXYfb`k`]f\_`h`g]W`  
Ui`W`Ui`Z`X]Y`[`YgUa`hY`FY[ ]cb`Ui`g"

< ]bhYf[ fi bX`XYf`6Ui UfVY]hYb

8]YgY`fY[ Y`a`Ä»][ Yb`GdYffi b[ Yb`k`Ä`fYbX`XYf`Gca a YfZYf]Yb  
g]bX`a`]h`Yfk`Y]Y`ni`f`; Yk`c`b`Y]h[ Yk`cfXYb`/Yg`]gh`X]Y`j`]YfhY  
gc`W`Y`GW`Y]Y» i b[ `]b`i`c`[ Y`"@Ui`h`b`Zc`fa`U]cbYb`XYf`8Yi`hgW`Yb  
6U\b`k`YfXYb`]b`X]YgYa`"Ä`f`j`cf`U`Ya`"?UVY`UfVY]hYb`Ui`g[ YZØ`fhž  
i a `X]Y`GhfYW\_Y`Ui`Z`Y]bY`a`cXYfbY`8][ ]hU`hYW`b]\_`i a`ni`ghY`"Yb"  
8]YgY`hYW`b]gW`Y`5i`ZfØghi b[ `]gh`Y]b`k`]W`h[ Yf`GW`f]h`ni`f  
J`YfVYggYfi b[ `XYf`Ni [ j`Yf`\_Y`fgYZZ]n]Ybn`]b`XYf`FY[ ]cb`"Ni`XYa  
k`]f`X`X]Y`G!6U\b`Ub`XYb`bYi`Yb`Hi`bbY`ni`f`\_ØbZ]h[ Yb`G!6U\b!  
GhU]cb`A`]h`bUW`hghfU»Y`Ub[ YgW`c`ggYb`ž`X]Y`]a`F`U`a`Yb`XYg  
; fc»dfc`Y`hg`Ghi hh[ Ufh`&%[ YVUi`h`k`]fX"

## 5`hYfbUhj] Yb`ZØf`DYbX`Yf

I a`X]Y`I bUbbY\ a`]W\_X]hYb`ZØf`X]Y` : U\ f[ ÀghY`a` Ò[ `]W\_gh[ Yf]b[ ni` \U`hYbž`\Uh`X]Y`8Yi hgW\_XY`6U\ b`9fgUhnVi`ggY`Y]b[ Yf]W\_XhYhž`X]Y X]Y`[ YgdYffhYb`G!6U\ b!GhUh]cbYb`YVYbZU`g`UbZU\ fYb``5V`XYa`' &" 5i [ i gh`k`]fX`ni`XYa`Y]b`DYbXY`j`Yf\_Y\ f`a`]h`NØ[ Yb`nk`]gW\_XYb <Ui`dhVU\ b\ cZi`bX`6ØV`]b[ Yb`Ub[ YVchYbž`X]Y`YVYbZU`g`Ub`XYf <U`hYghY``Y`]b`J`U\]b[ Yb`\U`hYb``HfchmXYa`'a`i`gg`a`]h`j`Yf`Àb[ YfhYb F Y]gYnY]hYb`[ YfYW\_XbYh`k`YfXYbž`k`Ug`ZØf`DYbX`Yf`i`bX`F`Y]gYbXY Y]bY`VYgcbXYfY`<YfUi`gZcfXYfi`b[ `XUfghY``Yb`\_Ubb"

## 9]bZ`i`gg`Ui`Z`XYb`[`YgUa`hYb`Ni`[`j`Yf\_Y\ f

8]Y`5i`gk`]f`\_i`b[ Yb`XYf`GdYffi`b[ `VYgW\_Xf`Àb`\_Yb`g]W\_X`b]W\_Xh`bi`f`Ui`Z X]Y`G!6U\ b``5i`W\_X`NØ[ Y`XYg` : Yfb`!`i`bX`F`Y[ ]cbU`j`Yf\_Y\ fg`g]bX VYhfcZYb``8]Yg`ZØ\ fh`XUni`ž`XUgg`b]W\_Xh`U``Y`F`Y[ ]cbU`!`i`bX : YfbnØ[ Y`Ua`' <Ui`dhVU\ b\ cZ`U`hYb`\_ØbbYbž`XU` ; `Y]gY`ZØf`X]Y`G! 6U\ b`VYbØh][ h`k`YfXYb``6Y]gd]Y`gk`Y]gY`ZU\ fYb`NØ[ Y`XYf`@]b]Y`F`9 ,`ž`X]Y`j`cb`Ghi`hh[ Ufh`ØVYf`<Y`Vfcb`b`UW\_X`K`ØfnVi`f[ `j`Yf\_Y\ fYbž bi`f`V]g`cXYf`UV`6]Yh][ \Y]a`!6]gg]b[ Yb``NØ[ Y`XYf`@]b]Y`A`9L`%+`i`bX gc[ Uf`J`YfV]bXi`b[ Yb`bUW\_X`NØf]W\_X`YbXYb`]b`Ghi`hh[ Ufh!J`U\]b[ Yb UbghY``Y`XYg`<Ui`dhVU\ b\ cZg``8]Yg`ghY``h`Y]bYb`ni`g`Àm`]W\_XYb 5i`Zk`UbX`ZØf`F`Y]gYbXY`XUf`i`bX`nY][ hž`k`]Y`Yb[ `XYf`ÒZYbh]W\_XY J`Yf\_Y\ f`]b`XYf`F`Y[ ]cb`a`]hY]bUbXYf`j`Yf`\_bØdZi]gh"

## 5i`gk`]f`\_i`b[ Yb`Ui`Z`X]Y`Øfh`]W\_X`Y

;`Ya`Y]bgW\_X`UZh

8]Y`U`\_hi`Y``Yb`6Ui`UfVY]hYb`i`bX`X]Y`XUa`]h`j`YfVi`bXYbYb GdYffi`b[ Yb`\UVYb`k`Y]hfY]W\_XYbXY`5i`gk`]f`\_i`b[ Yb`Ui`Z`X]Y DYbX`Yf`\_i`hi`f`]b`Ghi`hh[ Ufh``8]Y`I`a`ghY``i`b[ `Ui`Z`a`cXYfbY HYW\_Xbc`c`[ ]Yb`i`bX`X]Y`J`YfVYggYfi`b[ `XYf``b`ZfUghfi`\_hi`f`g]bX`nk`Uf `Ub[ Zf]gh][ `j`cb`J`cfhY]ž`XcW\_X`X]Y`\_i`fnZf]gh][ Yb`6Y]bhf`ÀW\_Xh][ i`b[ Yb YfZcfXYfb`Y]bY`[ Yk`]ggY` ;`YXi`X`j`cb`XYb`Bi`hmYfb``6YgcbXYfg`ZØf 5fVY]hbY\ a`Yfž`X]Y`h`À[ `]W\_X`Ui`Z`X]Y`G!6U\ b`Ub[ Yk`]YgYb`g]bXž \_ØbbYb`X]Y`Àb[ YfYb`F`Y]gYnY]hYb`i`bX`XYf`I`a`gh]Y[ `Ui`Z`6i`ggY`ni Y]bYa`'GhfYggZU`hcf`k`YfXYb``8]Y`G]hi`Uh]cb`j`YfXYi`h]W\_Xh`ni`XYa`X]Y

B c h k Y b X ] [ \_ Y ] h ž U ` h Y f b U h ] j Y ` J Y f \_ Y \ f g a ] h h Y ` i b X ` n Y ] h ] W X ` Z Y I ] V ` Y  
5 f V Y ] h g a c X Y ` ` Y ` n i ` Y h U V ` ] Y f Y b ž i a ` X ] Y ` D Y b X ` Y f Y f Z U \ f i b [ ` n i  
j Y f V Y g g Y f b "

⊕ g [ Y g U a h ` n Y ] [ h ` X ] Y ` G ] h i U h ] c b ž k ] Y ` Y b h g W X Y ] X Y b X ` X ] Y ` 5 b d U g g i b [ X Y f ` J Y f \_ Y \ f g d ` U b i b [ ` U b ` X ] Y ` F Y U ` ] h Ā h ` X Y g ` h Ā [ ` ] W X Y b ` @ Y V Y b g ` X Y f  
6 Ø f [ Y f ` ] g h " 8 ] Y ` \_ c a a Y b X Y b ` K c W X Y b ` k Y f X Y b ` X ] Y ` ; Y X i ` X ` X Y f  
D Y b X ` Y f ` U i Z Y ] b Y ` \ U f h Y ` D f c V Y ` g h Y ` ` Y b ž k Ā \ f Y b X ` X ] Y ` G h U X h ` G h i h h [ U f h  
i b X ` X ] Y ` 8 Y i h g W X Y ` 6 U \ b ` [ Y a Y ] b g U a ` U i Z X ] Y ` : Y f h ] [ g h Y ` i b [ ` X Y f  
k ] W X h ] [ Y b ` ⊕ Z f U g h f i \_ h i f d f c ` Y \_ h Y ` \ ] b U f V Y ] h Y b "

· · B 5 ;

8 Y h U ] ` g

6 Y g i W X Y b ` G ] Y ` i b g ` U i Z ` b ! U [ " X Y