

B Yi Yg`GdcfhnYbhfi a `]b` ; fUggUi .`A Ø`Yf!  
9\YdUUf`d`Ubh` ; fc» dfc`^\_h`

8 ]YhYf`A Ø`Yf`i bX`l fgi `U`GWXY`Y!A Ø`Yf`VUi Yb`Y]b  
GdcfhnYbhfi a `]b` ; fUggUi ž`b`\_`i`g]j`Y`A` ]hUfVY]hYfk`c`b`i`b`[`Y`b`  
i`b`X`HYbb]g\U`Yb`ž`V]g`9bXY`&\$&)"



; fUggUi ž`8 Yi hgW`UbX`!`8 Ug`<`chY`]Yf!9\YdUUf`8 ]YhYf`A Ø`Yf`  
i`b`X`l`f`g`i` `U`GWXY`Y!A Ø`Yf`d`Ubh`]b` ; fUggUi`X`Y`b`6`U`i`Y`]b`Y`g`  
a`c`X`Y`f`b`Y`b`GdcfhnYbhfi`a`g`ž`X`U`g`U`i`W`(`,`K`c`b`i`b`[`Y`b`Z`Ø`f`  
A`]hUfVY]hYf`X`Y`g` ; c`Z`i`b`X`K`Y`b`Y`g`g`!<`chY`g` 8 Ug`5`W`X`Y`b`h`U`g`c`k`]Y`  
X`Y`g`7`\\]Y`a`[`U`i`c`Z`g`i`a`Z`U`g`g`h`@`U`i`h`f`c`g`Y`b`\\Y`]a`&(`"X`Y`V`Y`Z`]b`X`Y`h`i`g`]W`  
X`Y`f`F`c`\\V`U`i`V`Y`f`Y`]h`g`]a`Z`c`f`h`[`Y`g`W`f`]h`h`Y`b`Y`b`G`h`U`X`]i`a`ž`k`Å`f`Y`b`X`X`Y`f`  
=b`Y`b`U`i`g`V`U`i`X`Y`f`n`Y`]h`]b`5`f`V`Y`]h`]g`h`8 ]Y`j`c`f`U`i`g`g`]W`h`]W`X`Y`  
:`Y`f`h`[`g`h`Y`i`i`b`[`]g`h`Z`Ø`f`9`b`X`Y`&\$&)`[`Y`d`Ub`h`

8 Yf`6`U`i`i`a`Z`U`g`g`h`i`b`h`Y`f`U`b`X`Y`f`Y`a`i`a`Y`f`Y`f`Y`H`Y`b`b`]g`\\U`Y`b`":`Ø`f`X`]Y`  
V`Y`f`Y`]h`g`V`Y`g`h`Y`Y`b`X`Y`A`Y`f`n`k`Y`W`\\U`Y`k`i`f`X`Y`Y`]b`5`b`h`f`U`[`U`i`Z`  
5`i`g`V`U`i`[`Y`g`h`Y`h`ž`X`Y`f`n`i`g`Å`h`n`]W`X`Y`F`Å`i`a`Y`g`c`k`]Y`Y`]b`Y`9`a`d`c`f`Y`i`b`X`  
Y`]b`Y`b`6`U`\_`c`b`j`c`f`g`]Y`h`"6`Ø`f`[`Y`f`a`Y`]g`h`Y`f`G`h`Y`Z`U`b`?`U`h`U`f`]`\\U`h`Ø`V`Y`f`X`]Y`

[ Yd`UbhYb`YbXYfi b[ Yb`]b`XYf`<U`Y`]bZcfa ]Yfhž`k cVY]`Y]b  
i fgdfØb[ `]W` [ Yd`UbhYf`6U`\_cb`j`cb`&(`A YhYfb`@Ab[ Y`UV[ Y`Y`b h  
k i fXY""GhUhhXYggYb`\_ØbbhY`Y]b`6U`\_cb`a ]h`a UI ]a U`%ž) \$`A YhYfb  
6fY]hY`i bX`) `A YhYfb`@Ab[ Y`ni``Àgg][ `gY]bž`k Ug`Y]bY  
5VghUbXgZÀWYbØVYfbU\`a Y`ni`a `BUWVUf[ fi bXghØW`\_Ui Znk Y]  
A YhYf`fYXi n]YfYb`k ØfXY"

## 8]g\_i gg]cb`i bX`Ni gh]a a i b[ `]a `F Uh

⇒`XYf`F Uhgg]hni b[ `k i fXY`ØVYf`XYb`9]bVUi `k Y]hYfYf`F`Ài`a`Y`]b`XYf`  
A Y`fnk YW`\_U`Y`X]g\_i`h]Yfh`K`À`fYbX`XYf`5bhfU[ `Ui ZXYb`6U`\_cb`!  
5bVUi `a ]h`XfY]; Y[ Ybgh]a`a`Yb`Ub[ Ybca`a`Yb`k i fXYž`gh]a`a`hY  
XYf`F Uh`a ]h`bYi`b`Gh]a`a`Yb`[ Y[ Yb`X]Y  
5VghUbXgZÀWYbØVYfbU\`a`Y`"8Ua`]h`a`i`gg`XYf`6U`\_cb`i`a``&  
NYbh]a`YhYf`j`Yf`\_`Y]bYfh`k`YfXYb`"Ni`\_ØbZh][ `ØbbhY`X]Y  
A Y`fnk YW`\_U`Y`Ui`W`:`]hbYgg[ Yf`À`hY`VY`YfVYf[ Ybž`k Ug`ni`f  
8]g\_i`gg]cb`ØVYf`Y]bY`Bi`hni`b[ `U`g`:`]hbYggghi`X]c`ZØ`fh`8Ug  
@UbXfUhgUa`h`VYnk`Y]ZY`h`YXcW`ž`XUgg`bUW`X`Ya`5i`gVUi`Y]bY  
A Y`fnk YW`\_bi`hni`b[ `XYf`<U`Y`bcW`a`Ø[ `]W`gY]b`k`]fX"

⇒a`J`Yf[ `Y]W`ni`UbXYfYb`GdcfhVUi`dfc`Y`\_hYb`]b`8Yi`hgW`UbXž`k`Y  
XYa`[ Yd`UbhYb`GdcfhYbhf`i`a`]a`BYW`UfdUf`\_]b`Ghi`hh[ Ufhž`nY][`h  
g]W`X]Y`J`Y`ZU`h`Ub`5bg`À`hYb`]a`6Ui`j`cb`GdcfhUb`U[ Yb`"5`X]b[ Yf  
5fW`]hY`\_hYb`VYf]W`hYb`j`cb`Y]bYa`?`cbnYdhž`XUg  
@Y]ghi`b[ gnYbhfYb`ZØf`GdcfhUfhYb`k`Y]6YUW`j`c`Y`mU`"i`bX`ž`Xc  
i`a`ZUgghi`bX`XUVY]`X]Y`; Y[ YVYb`Y]hYb`Y]bYg`VYb[ hYb  
; fi`bXghØW`\_g`VYfØW`\_g]W`h][`h`9]b`gc`W`Yg`Dfc`Y`\_h`YfZc`fXYfh  
]bbcj`Uh]j`Y`@Øgi`b[ Ybž`k`Y]Y[ YghUdY`hY`Gdcfh`U`Yb`i`bX`Y]bY  
i`a`ZUggYbXY`Ø`c`c[ ]gW`Y`D`Ubi`b[ "

## 6Ui d`Ubi b[ `i bX`!\_ccfX]bUh]cb

: Øf`X]Y`I`a`gYhni`b[ `gc`W`Yf`6Ui`dfc`Y`\_hY`V]YhYb`:`]fa`Yb`k`Y]`  
<`Ufhi`b[ ` / `@i`Xk`][ `i`a`ZUggYbXY`6Ui`d`Ubi`b[ g`Y]ghi`b[ Yb`Ubž`X]Y  
gck`c`X]Y`D`Ubi`b[ `U`g`Ui`W`X]Y`; YbY`a`][`i`b[ `i`bX  
6Ui`ØVYfk`UW`i`b[ `i`a`ZUggYb`"8]Y`9I`dYfh]gY`fY]W`h]j`cb`XYf  
6YXUfZgd`Ubi`b[ `ØVYf`X]Y`5i`gZØ`fi`b[ gd`Ubi`b[ `V]g`\_]b`ni  
; YbYfU`d`Ubi`b[ g`Y]ghi`b[ Ybž`i`a`[ YgUa`hY`⇒ZfUghfi`\_hi`fdfc`Y`\_hY

ni 'fYU`]g]YfYb" '8 ]Yg'nY][ hž'k ]Y'k ]W h][ 'Y]bY'j YfhfUi Ybgj c``Y  
 Ni gUa a YbUfVY]h'nk ]gWYb'6Ui \YffYb'i bX'D`UbYfb`]ghž'i a 'X]Y  
 6YXØfZb]ggY'XYf`?i bXYb'VYgha Ò[ `]W`ni 'YfZØ``Yb"

8YhU]`g	
J c fZU``	Gcbgh][ Yg
C fh	; fUggUi ž'8Yi hgW`UbX
E i Y``Yb	<ul style="list-style-type: none"> <li>• k k k "fcgYb\Y]a &amp;("XY</li> <li>• k k k "U`X]b[ YfUfW ]hY_hYb"XY</li> <li>• \Ufhi b[ !'i Xk ][ "XY</li> </ul>

6Ygi WYb'G]Y'i bg'Ui Z.'b!U[ "bYh