

8 ]Y` < UbX`U`g` ; Y\Y]a b]g. `BYi Yg`Dfc`^Y`\_h  
ni f`A bYa chY\W b]\_`]b`9f`Ub[ Yb`°

: 5I`9f`Ub[ Yb!BØfbVYf[ `YfZc fg\W h`]b`Y]bYa`8: ; !  
[ YZØfXYfhYb`Dfc`^Y`\_hX]Y`F c`Y`XYf`< UbX`U`g`A Yf`\_\`]ZY`]b  
7\]bU`j cb`&\$&) `V]g`&\$&, "



9f`Ub[ Ybž`8Yi hg\W`UbX`!`5a`'&' "'5df]'&\$&) `ghUfhYh`Ub`XYf  
: f]YXf]W\!5`YI UbXYf!I b]j Yfg]h`h`9f`Ub[ Yb!BØfbVYf[ `fl 5I`Ł`XUg  
: cfg\Wi b[ gdfc`^Y`\_h`? bck`]b[`< UbXg` "'N]Y`XYg`Dfc`^Y`\_hYg`]gh`X]Y  
I bhYfgi W\i b[ `XYf`Bi hni b[ `XYf`< UbX`U`g`A Yf`\_\`]ZY`i bX`C fU`\_Y`]b  
XYf`W\]bYg]gW\Yb`?i`hi`f`Dfc`Z`8f`A UfhU`< Ubgcbž`Y]bY  
A YX]n]b\]ghc]\_Yf]b`i bX`Dfc`^Y`\_h`Y]hYf]bž`\Uh`Xi fW`dYfgØb`]W\Y  
9fZ\fi b[ Yb`a`]h`XYf`HfUX]h]cb`gY]h`XYa`'Ŧ\f`&\$\$\$`Y]b`VYgcbXYfYg  
=bhYfYggY`Ub`X]YgYa`H\Ya`U`Ybhk`]W`\_Y`h`=f: cfg\Wi b[ gj`cf\UVYb  
k`]fX`j cb`XYf`8Yi hg\W`Yb` : cfg\Wi b[ g[ Ya`Y]bgW`UZh`fB: ; Ł  
[ YZØfXYfh`i bX`YfghfYW`\_h`g]W\`ØVYf`XYb`NY]hfUi`a`V]g`&\$&, "' : 5I  
**VYf]W\ hYhž`XUgg`XUVY]`\]ghc]gW\Y`i bX`Yh\bc[ fUZ]gW\Y`DfU`\_h]\_Yb  
]b`X]Y`K`]ggYbg[ YgW\]W\hY`Y]b[ YcfXbYh`k`YfXYb`"**

8]Y`HfUX]h]cbž`X]Y`]b`7\]bU`gY]h`XYa`+`" `J\`f\`i` bXYfh`VYghY\`hž  
i`a`ZUggh`Y]bY`J`Y`nU\`j`cb`5bk`YbXi`b[`Yb`XYf`<`ÀbXYž`X]Y`j`cb  
8]U[`bcgYbž`<`cfcg`\_cdVYfYW`bi`b[`Yb`V]g`\]b`ni`F`]hi`U`Yb`fY]W`Yb`"  
`⊕`Ni`gUa`a`YbUfVY]h`a`]h]`bhYfbUh]cbU`fYbca`a`]YfhYb  
:`cfgW`YbXYbž`k`]Y`XYf`5bh\`fcdc`c[`]b`i`bX`G]bc`c[`]b`Gh`Åd\`Ub]Y  
<`ca`c`Už`k`]fX`Y]bY`j`Yf[`Y]W`YbXY`5bU`mgY`XYf`K`]ggYbgUfhYb  
Ub[`YghfYVh`"8]YgY`i`a`ZUggh`6YfY]W`Y`k`]Y`DcYg]Yž`@]b[`i`]gh]\_ž  
F`YW`hž`A`Uh\`Ya`Uh]\_ž`A`YX]n]bž`YgchYf]gW`Yb`6i`XX\]ga`i`gž  
K`U\`fgU[`YfY]`i`bX`?`f]Y[`g\_i`bgh`"

## N]Y`Y`i`bX`A`Yh\`cXYb`XYg`Dfc`Y`\_hg

9]b`nYbhfU`Yg`N]Y`XYg`Dfc`Y`\_hYg`]gh`XUg`J`Yfgh`ÅbXb]g`XYf  
\_c[`b]h]`Yb`Bi`hni`b[`XYf`<`ÀbXY`i`bX`XYfYb`F`c`Y`]b`XYf  
A`bYa`chYW`b]\_`"A`bYa`chYW`b]\_`VYnY]W`bYh`HYW`b]\_`Ybž`X]Y`XUg  
;`YX`ÅW`hb]g`j`YfVYggYfb`"i`fgdf`Øb[`]W`j`cb`G]a`cb]XYg`j`cb`?`Ycgž  
Y]bYa`[`f]YW`]gW`Yb`8]W`hYf`XYg`)"`J\`f\`i`bXYfhg`j`cf`7\`f]ghi`gž  
Yb`hk`]W`\_`Y`hž`i`a`ZUggh`X]Y`A`Yh\`cXY`X]Y`5ggcn]Uh]cb`j`cb`A`UhYf]U`]Yb  
a`]h`a`Uf`\_`UbhYb`C`fhYb`"8]Yg`nY][`hž`k`]Y`X]Y`5bcfXbi`b[`i`bX`XYf  
j`]gi`Y`Y`Ni`[`Ub[`ni`⊕`Zcfa`Uh]cbYb`XYb`i`YX`ÅW`hb]gd`fc`nYggY  
Z`ØfXYfb`\_`Øb`bYb`"D`Ub`Yh`K`]ggYb`VYgW`fY]Vhž`XUgg`XYf  
VYf`Ø`a`hY`F`YXbYf`7]W`fc`X]Y`6YXYi`hi`b[`X]YgYf`HYW`b]\_`Yb`Z`Øf`X]Y  
F`YXY`\_i`bgh`\`Yfj`cf\`cV`i`bX`g]Y`Z`Øf`X]Y`J`cfVYfY]hi`b[`Ui`Z`J`cfhf`Å[`Y  
bi`hnhY`"

⇒`F`U`a`Yb`XYg`Dfc`Y`\_hYg`]b`9f`Ub[`Yb`k`]fX`Ui`W`Y`]bY`X][`]hU`Y  
5i`gghY`i`b[`gck`]Y`Y]b`5fW`]j`Ub[`YghfYVhž`]b`XYa`X]Y`HYW`b]\_`Yb  
XYf`A`bYa`chYW`b]\_`Ui`g`C`ghUg]Yb`Xc`\_i`a`Ybh]Yfh`k`YfXYb`"9]b  
6Y]gd]Y`Z`Øf`Y]bY`gc`W`Y`HYW`b]\_`]gh`X]Y`J`Yfk`YbXi`b[`XYf  
:]b[`Yf`\_bcW`Yb`ni`f`6Ygh]a`a`i`b[`XYf`A`cbXf]W`hi`b[`]b  
5V\`Åb[`][\_Y]h]j`cb`NY]h`i`bX`A`cbXd\`UgY`"8]YgY`]bbcj`Uh]j`Yb  
5bg`Å`hnY`gc`Yb`b]W`h`bi`f`X]Y`i`UW`k`Y`hž`gcbXYfb`Ui`W`X]Y  
²`ZYb`h]W`\_Y]h]Ub`gd`fYW`Yb`i`bX`XUg`K`]ggYb`ØVYf`\_i`hi`fY`  
gdYn]Z]gW`Y`i`YX`ÅW`hb]g\`j`ZYb`Yfk`Y]hYfb`"

## 9]bY`]bhYfbUh]cbU`Y`DYfgdY`\_h]j`Y

9]b`k`Y]hYfYf`5gdY`\_h`XYg`Dfc`Y`\_hg`k`]fX`X]Y`\_i`hi`f`ØVYf[`fY]ZYbXY

DYfgdY\_hj] Y`gY]b"8Yf'9]bZi gg]j cb"; YXÅW`hb]gdfU\_h]\_Yb`]b  
i bhYfgW`YX`]W`Yb`?i`hi fYb`k ]fX`VY`Yi W`hYh" `b`9i fcdU  
Ybtk ]W`Y`hY`g]W`X]Y`A bYa chYW`b]\_`ØVYf`X]Y`d\`f`i bXYfhY`k Y]hYf  
i bX`ZUbX`]b`F`Y`hcf]\_`i bX`6]`Xi b[ `5bk YbXi b[ "`Hfchn`X]YgYf  
J YfVfY]hi b[ `[ UV`Yg`Ui W`\_f]h]gW`Y`Gh]a a Ybž`k ]Y`X]Y`j cb  
H\Ya ]ghc`\_`Ygž`XYf`XYf`A bYa chYW`b]\_`g`\_`Ydh]gW`[ Y[ YbØVYfghUbX"  
@Ui h`D`UbYh`K ]ggYb`]gh`X]Y`a cXYfbY`A bYa chYW`b]\_`\`Yi hY`j cf  
U`Ya `VY]`@YfbYbXYb`j cb`Jc`UVY`b`i bX`HY`YZcbbi a a Yfb`gY`f  
VY`]YVh"

8i fW`X`YfUfh][ Y`Dfc`Y`\_`hY`k ]Y` ?bck ]b[ `<UbXg`k ]fX`Y]b  
Y]bn][ Ufh][ Yf`6`]W`\_`Ui Z`X]Y`J`Yf`\_`bØdZi b[ `j cb`HfUX]h]cbž  
K ]ggYbgW`UZhi bX`; YXÅW`hb]g`\_`i`hi f`Yfa Ò[ `]W`h"8]Yg`\_`ØbbhY  
b]W`h`bi f`ni`Y]bYa `VYggYfYb`J`Yfgh`Å`bXb]g]j cb`A bYa chYW`b]\_`Yb  
VY]hfU[ Ybž`gcbXYfb`Ui W`X`YfYb`6`YXYi hi b[ `]b`XYf`\`Yi h][ Yb`NY]h  
bYi `VYk YfhYb"

8YhU]`g	
C fh	9f`Ub[ Ybž`8Yi hgW`_`UbX
E i Y`Yb	<ul style="list-style-type: none"> <li>• k k k "ZUi "XY</li> <li>• k k k "d`UbYh!k ]ggYb "XY</li> </ul>

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