

A U[ ]W@YUd. ' J ca ' < mdY 'ni f '9fbØW hYfi b [  
'8 ]Y '5F !HfÀi a Y 'nYfd `UhnYb °

9fZU\ fYb 'G]Yž'k ]Y 'A U[ ]W@YUdž'Y]bgh'XUg  
j ]Y'j YfgdfYWX YbXghY '5F !GhUfhi dž'a ]h'gY]bYb '5a V]h]cbYb  
ghfUi WX Y'hY 'i bX'k Y'WX Y'Ni \_i bZh'Yg'bi b '\Uh"



GØXZ'cf]XUž'i G5 '!'8]Y'K Y'h'XYf'5i [ a YbhYX'F YU`]hmf5F Ł' ]gh'gc  
gWbY`"YV][ 'k ]Y'gY'hYb'ni j cf"'8]Y'; YgW]W hY'j cb'A U[ ]W@YUdž  
Y]bYa 'XYf'Ua 'a Y]ghYb' [ Y\mdhYb' l bhYfbY\ a Yb'ja '6YfY]W '5F ž  
nY][ h'YXcWž'XUgg'b]W h]a a Yf'U`Yg'; c'X' ]ghž'k Ug' [ `Àbnh"  
; Y[ fØbXYh'&\$%\$'j cb'F cbm'5Vcj ]hn' ]b'GØXZ'cf]XUž'\UhhY'X]Y': ]fa U  
XUg'Y\ f[ Y]n][ Y'N]Y'ž'Y]bY'5F!6f]'Y'a ]h'@]W hZY`X!HYW bc`c [ ]Y'ni  
Ybhk ]W\_Y'bž'X]Y'X][ ]hU'Y'i bX'd\mg]gW Y'K Y'hYb' bU\h'cg  
a ]hY]bUbXYf'j YfV]bXYb'gc`hY" '5Vcj ]hnž'XYf'ni j cf']a  
A YX]n]bhYW b]\_gY\_hcf'a ]h'A U\_c'Gi f[ ]WU`YfZc` [ fY]W'k Ufž'gW UZZhY  
Ygž'a Y\ f'U'g') \$\$'A ]` ]cbYb' l G!8c`Uf'Ub'F ]g]\_c\_Ud]hU`ni  
gUa a Y'bž'a ]h'bUa \UZhYb' ðj YghcfYb'k ]Y'; cc [ `Yž'E i U`Wca a 'i bX  
5bXfYYggYb' < cfck ]hn"

J c b `&\$%%`V]g`&\$%( `UfVY]hYhY`A U[ ]W@YUd`\\]bhYf`j YfgW`cggYbYb  
HØfYbž`c`\\bY`j ]Y`ØVYf`X]Y`HYW`bc`c[ ]Y`dfY]gni [ YVYb``8Yf`<mdY  
gh]Y[ ž`U`g`XUg`l bhYfbY`\\a Yb`a Y`fYfY`DUf`hbYfgW`UZhYb`a ]h; fØ»Yb  
k ]Y`8]gbYmž`@ WUgZ`a`i bX`K UfbYf`6fcg``Y]b[ ]b[ ``8]Yg`ZØ`fhY  
`Y`hnhYbX`]W`ni`Y]bYf`; YgUa`h]bj`Ygh]h]cbggi`a`a`Y`j`cb`%ž`-  
A ]``]UfXYb`l`G!8c``Uf`V]g; YVfi`Uf`&\$%\*`ž`k`cVY]`U``Y]b`5`]VUVU`+-`  
A ]``]cbYb`l`G!8c``Uf`]bj`Ygh]YfhY``8cW`hfch`X]YgYf`a`Ugg]j`Yb  
l`bhYfghØ`hni`b[ `V`]YV`Y]b`a`Uf`\_hZ`A`][`Yg`DfcXi`\_h`Ui`g"

## J c a `<mdY`ni`f`9fbØW`hYfi`b[

⇒a`K`]bhYf`&\$%+`df`ÅgYbh]YfhY`XUg`l`bhYfbY`\\a`Yb`XUg`YfghY  
<YUXgYhž`@][`\\hk`YUf`ž`i`bX`XUg`ni`[`Y`\\Øf][`Y`F`YW`Yba`cXi`ž  
`@][`\\hdUW`\_``G`W`Y]Y»`]W`k`i`fXY`&\$%,`X]Y`A`U[ ]W@YUd`C`bY  
j`YfØZYbh`]W`h`A`]hY]bYa`DfY]g`j`cb`&""`\$\$`l`G!8c``Uf`k`Uf`XUg  
DfcXi`\_h`YXcW`hYi`Yf`i`bX`n]Ya`]W`\_`cV][` ``8]Y`Ub[`Y`\_ØbX][`hY  
@]W`hZY`X!HYW`bc`c[ ]Y`ZUbX`g]W`]a`Z]bU`Yb`DfcXi`\_hb]W`hk`]YXYf/  
ghUhhXYggYb`k`i`fXY`Y]b`\_cbj`Ybh]cbY``Yg`K`Y``Yb`Y]hYfX]gd`Um  
j`Yfk`YbXYh``8]Y`J`Yf`\_Ui`ZgnU`\\Yb`V`]YVYb`\\]bhYf`XYb`9fk`Ufhi`b[`Yb  
ni`fØW`\_ž`i`bX`bi`f`k`Yb][`Y`HUi`gYbX;`Yf`ÅhY`\_cbbhYb`j`Yf`\_Ui`Zh  
k`YfXYb"

⇒bhYfbY`DfcV`Ya`Y`hfi`[`Yb`ni`f`5V`k`Åfhggd]fU`Y`VY]``9]bY`W`Uch]gW`Y  
:Ø`fi`b[`g\_`i`hi`fi`bX`9bhgW`Y]Xi`b[`Yb`j`cb`5V`cj`]hž`X]Y`c`Zh`b]W`h  
Ui`ZhYW`b]gW`Yf`9l`dYfh]gY`VUg]YfhYbž`ZØ`fhYb`ni`Y]bYf`?`U[`Y  
k`Y[`Yb`[`YgW`Y`W`hggdYn]Z]gW`Yf`8]g`\_f]a`]b]Yfi`b[`i`bX`k`Y]hYfYb  
?f]h]\_di`b`\_hYb`Ub`XYf`l`bhYfbY`\\a`Ybg`\_i`hi`f``⇒a`i`fØ`\\`U`f`&\$&\$  
ghUbX`A`U[ ]W@YUd`j`cf`XYa`6Ub`\_fch`i`bX`Ybh]Y»`\*`\$\$`A`hUfVY]hYf`  
5Vcj`]h`hfU`h]a`A`U]`&\$&\$`U`g`79C`ni`fØW`\_i`bX`DY[ [`mi`æ`\\bgcb  
ØVYfbU`\\a`X]Y;`Ø`fi`b[`"

9]b`bYi`Yg`⇒j`Ygha`Ybhj`cb``)`\$`A`j``]cbYb`l`G!8c``Uf`g]W`YfhY`nk`Uf  
XUg`,`VYf`YVYb`XYg`l`bhYfbY`\\a`Ybgž`UVYf`X]Y`9fZc`[`g[`YgW`]W`hY  
k`Uf`bcW`\_Ub[`Y`b]W`h]b`G]W`h``&\$&&`k`i`fXY`X]Y`A`U[ ]W@YUd`&  
j`cf[`YghY``hž`X]Y`Ui`ZX]Y`6YfY]W`Y`⇒Xi`ghf]Yž;`Ygi`bX`\\Y]hgk`YgYb  
i`bX`J`YfhY]X][`i`b[`\_Ui`g[`Yf]W`hYh`k`Uf``8]YgYg`A`cXY``k`Uf  
hYW`b]gW`Yf`Zc`fhgW`f]h]W`Yfž`Y]W`hYf`i`bX`Ui`gXUi`YfbXYf`U`g`XUg  
J`cf[`Åb[`Yfa`cXY``ž`YXcW`V`]YV`XYf`UbZ`Åb[`]W`Y`5i`ZgW`k`i`b[

Xi fWk `GhY`YbghfY]Wki b[ Yb`i bX`9bhhAi gWki b[ Yb`[ YdfA[ h`

## 6`]W\_`]b`X]Y`Ni \_i bZh

8]Y`HYWkbc`c[ ]Y`j cb`A U[ ]W@YUd`V`Y]Vh`k Y]hYf\]b`gdUbbYbX`i bX  
]b`6Yk Y[ i b[ "Fcbm`5Vcj ]h`U`h`\_Ofn`]Wk`Ub[ Y\_`0bX][ h`XUgg`X]Y  
A Uf`hY]bZ0\fi b[ `Y]bYg`:`U[ g\]d!DfcXi \_hg` b]Wk`h`k Y]h`YbhZYfbh  
gY]"`5`YfX]b[ g\]Uh`XUg`l bhYfbY\`a Yb`V]g\`Yi hY`\_Y]b`cZZ]n]Y`Yg  
@Ui bWk!8Uhi a `VY\_Ubbh[ Y[ YVYb"8Uf0VYf`\]bUi g\`Uh`X]Y`I G!  
DUhYbh!`i bX`A Uf`\_YbVY\`0fXY`Y]b`DUhYbh`Z0f`XUg`cfbUa YbhU`Y  
8Yg][ b`Y]bYf`bYi Yb`JF!6f]"`Y`[ YbY\`a ]][ h`k Ug`X]Y`ni \_0bZh][ Yb  
5a V]h]cbYb`XYg`l bhYfbY\`a Ybg`Ui ZnY][ h`8]Y`hYWk]b]gWkYb  
=bcj Uh]cbYb`zk ]Y`X]Y`i `hfUX0bbYb`cdh]gWkYb`A YhUghfi \_hi fYbž  
\_0bbhYb`XUg`8Yg][ b`i bX`X]Y`:`i b\_]cbU`]hAh`\_0bZh][ Yf`5F!DfcXi \_hY  
Yf\YV`]Wk`VYY]bZi ggYb"

9]b`k Y]hYfYf`gdUbbYbXYf`5\_hYi f`ja `6YfY]Wk`5F`]gh`XUg`GWk`k Y]nYf  
GhUfhi d`7fYU`ž`XUg`\_Ofn`]Wk`:`ž`-`A`]"`]cbYb`l G!8c`Uf`Ub  
:]bUbn]Yfi b[ `Yf\U`hYb`\`Uh" `A`]h`gY]bYf`dUhYbh]YfhYb`@]Wk`hZY`X!  
A ]\_fcX]gd`Um!HYWkbc`c[ ]Y`V]YhYh`7fYU`VYY]bXfi W\_YbXY  
A 0[ `]Wk`\_Y]hYb`Z0f`YVYbgYWk`hY`6]`XYf`]b`XYf`5i [ a YbhYX`FYU`]hm"  
79C`Hca Ug`G`i \_U`VYhcbh`k ]Y`k ]Wk]h[ `Yg`]gh`ž`5F!6f]"`Yb`[ Ygi bXž  
VYei Ya `i bX`bUh0f`]Wk`bi hnVUf`ni `a UWkYb"8]Yg`\_0bbhY`XYf  
GWk`0ggY`gY]bž`i a `5F`k ]f\_]Wk`a UgYbhUi [ `]Wk`ni `a UWkYb"

A U[ ]W@YUd`ghY\`hgca ]h`VY]gd]Y`\`UZh`Z0f`X]Y`<YfUi gZcfXYfi b[ Ybž  
X]Y`a ]h`XYa `<mdY`i a `bYi Y`HYWkbc`c[ ]Yb`j YfVi bXYb`g]bX"5i Wk  
k Ybb`XUg`l bhYfbY\`a Yb`bcWk`j ]Y`Y`:`fU[ Yb`cZZYb`Agghž`V`Y]Vh`Yg  
Y]b`ZUgn]b]YfYbXYg`H\Ya U`]a `fUgUbhYb`K UbXY`XYf`HYWkbc`c[ ]Y"

: 0f`U`Y`ž`X]Y`h]YZf`]b`X]Y`A UhYf]Y`Y]bhUi WkYb`a 0Wk`hYbž`[ ]Vh`Yg  
nU\`fY]Wk`Y`k Y]hYfY`=Zcfa Uh]cbYb`]b`XYb`Yk Y`][ Yb`5fh]\_Y`b.`  
<Y]gY`VYf]Wk`hYh`0VYf`X]Y`<YfUi gZcfXYfi b[ Yb`j cb`A U[ ]W  
@YUdž`A U[ ]W@YUd`nY][ h`5a V]h]cbYb`Xi fWk`bYi Y`DUhYbhY  
i bX`:`cfgWk`i b[ gUfVY]hYb`i bX`=bg]XY!`H`VY`Yi Wk`hYh`XUg  
GhUfhi d`7fYU`i bX`XYggYb`:`cfhgWk`f]hhY`]b`XYf  
@]Wk`hZY`X`hYWkbc`c[ ]Y"

8YhU]`g	
C fh	GØXZcf]XUž`l G5
E i Y`Yb	<ul style="list-style-type: none"> <li>• k k k "\Y]gY"XY</li> <li>• a U[ ]W`YUd"fYU`]hm"bYk g</li> <li>• k k k "]bg]XY!]h"WX</li> </ul>

6Ygi WX Yb`G]Y`i bg`Ui Z.`k ca , +"XY