

; Yk U`hgUa Y`DfchYghY`]b`B ØfbVYf[ .  
Dc`]nY]"[ fY]Zh`Xi fW`°

⊕`B ØfbVYf[ `Ua`Yg`Ua`&\*""5df]"&\$&) `ni`[ Yk U`hgUa Yb`  
DfchYghYb`[ Y[ Yb`XUg`6ØbXb]g` ; Ya Y]bgUa`ZØf`  
8Yi hgW`UbX`i bX`YZh][ Yb`5i gY]bUbXYfgYhni b[ Yb`"



B ØfbVYf[ ž`8Yi hgW`UbX`!`⊕`B ØfbVYf[ `ZUbXYb`Ua`&\*""5df]"  
&\$&) `a Y`fYfY`YffY[ hY`8Ya`cbghfUh]cbYb`j YfgW`]YXYbYf`  
dc`]h]gW`Yf`@U[ Yf`ghUhhž`X]Y`]b`hY`]g`[ Yk U`hgUa Yb`  
5i gY]bUbXYfgYhni b[ Yb`a`ØbXYhYb`"9]b`DfchYghVØbXb]g`a`]h`XYa`  
BUa`Yb` ; Ya Y]bgUa`ZØf`8Yi hgW`UbX`f]YZ`ni`f`8Ya`cbghfUh]cb`  
Ui`Z`Ub`XYf`V]g`ni`(`\$\$`A`YbgW`Yb`hY`]bU`a`Yb`"<Ui`dhn]Y`XYg`  
6ØbXb]ggYg`]gh`X]Y`9]bZØ`fi`b[ `i`a`ZUggYbXYf` ; fYbn`cbhfc`Y`Yb`  
gck`]Y`Y]b`9bXY`XYf`Z]bUbn]Y`Yb`i`bX`a`]`hÅf]gW`Yb`i`bhYfghØhni`b[  
ZØf`X]Y`i`\_fU]bY`"; Y[ YbXYa`cbghfUbhYbž`X]Y`g]W`[ Y[ Yb`X]Y`  
J`YfUbghU`hi`b[ `Zcfa`]YfhYbž`j`Yfgi`W`hYb`U`\_hj`ž`X]Y`J`YfgUa`a`i`b[ `ni`  
V`cW\_]YfYbž`k`Ug`]b`Vfi`hU`Yb`?`cbZfc`bUh]cbYb`fYgi`h]YfhY`"

8]Y`Dc`]nY]"j`YfnY]W`bYhY`k`Å`fYbX`XYf`5i`gY]bUbXYfgYhni`b[`Yb`"

UWkhj Yf`YhnhY`6YUa hY"D\mg]gWkY` , VYf[ f]ZZY`Ui ZX]Y  
9]bgUhm\_fÀZhY`k i fXYb`[ Ya Y`XYhžk cVY]`Y]b` ; Y[ YbXYa cbghfUbh  
Y]bYa`Dc`n]ghYb`XYb`9]bgUhnghcW`Ybhf]gg`i bX`]\b`j Yf`YhnhY``9g  
[ UV`]bg[ YgUa h`XfY]`Ub[ Ya Y`XYhY` ; Y[ YbXYa cbghfUh]cbYbž`Ub  
XYbYb`a Y`fYfY`<i bXYfh`A YbgWkYb`hY]`bU`a Ybž`k À`fYbX`X]Y  
Dc`nY]`a ]h`i ba ]hhY`VUFYa`Nk Ub[ žY]bgWk`Y»`]Wk`9]bgUhnghcW`  
i bX`DZYZZYfgdUmž`Y]bgWk`fY]hYb`a i gghYž`i a`X]Y`@U[ Y`i bhYf  
?cbhfc`Y`ni`Vf]b[ Yb``9]b`&+!À`f][ Yf`k i fXY`ZYgh[ Ybca`a Ybž  
[ Y[ Yb`XYb`Y]b`<UZhUbhfU[ `Xi fWk`X]Y`GhUUhgUb`k U`hgWk`UZh[ YghY``h  
k i fXY"

## Dc`h]gWkY`GdUbbi b[ Yb`i bX`9g\_U`Uh]cb

8]Y`G]hi Uh]cb`Yg\_U`YfhY`bUWk`XYb`J YfgUa`a`i b[ Ybž`U`g`Yg`ni  
5i gY]bUbXYfgYhni b[ Yb`nk ]gWkYb`XYb`j YfgWk]YXYbYb`dc`h]gWkYb  
@U[ Yfb`\_Ua``8UVY]`ghY``hY`X]Y`Dc`nY]`&`J YfX`Wk]h[ Yž`i bX`Yg  
k i fXYb`9fa ]h`i b[ Yb`k Y[ Yb`[ YZ`À`f]WkYf`?`ŒfdYfj Yf`Yhni b[ `i bX  
6Y`Y]X][ i b[ `Y]b[ Y`Y]hYh``8 Ug`6i bXYgUa`h`ZŒf`J YfZUggi b[ ggWk`i hn  
k UfbhY`j cf`XYf`Df`ÀgYbn`a`Œ[ `]WkYf`9i hfYa ]ghYbž`X]Y`X]Y  
?i bX[ YVi b[ Yb`ZŒf`]\fY`Y][ YbYb`Nk YW`Y`bi hnYb`\_ŒbbhYbž`k Ug`X]Y  
VYfY]hg`Ub[ YgdUbbhY`5ha`cgd`À`fY`ni`g`Àhn`]Wk`Ui Zi X"

5b[ Yg]Wk`hg`XYf`dc`h]gWkYb`GdUbbi b[ Yb`]b`8Yi`hgWk`UbX`nY][`h]g]Wk  
XUg`9b[ U[ Ya`Ybh`n]j`][ YgY``gWk`UZh`]WkYf` ; fi`ddYb`i`a`gc  
]bhYbg]j`Yf``@Ui`h`Y]bYf`Ghi`X]Y`XYf` : f]YXf]Wk!9VYfh!Gh]Zhi`b[ `ZŒ`fh  
X]Y`DfchYghk`Y``Y`ni`Y]bYf`6Y`YVi`b[ `XYf`n]j`][ YgY``gWk`UZh`]WkYb  
5fVY]h``5`]bU` : i`Wk`g`Y`Vh`Y`fj`cfž`XUgg`DfchYghY`Y]bYb  
XYa`c`\_fUh]Ygh`À`f`YbXYb`9ZZY`h`UVYb`\_ŒbbYb``9g`\_cbbhY`Y]bY  
k`UWk`gYbXY`I`bhYfgh`Œhni`b[ `ZŒf`A`U»`bU`a`Yb`[ Y[ Yb  
F`YWk`hgYI`hfYa`]ga`i`g`i`bX`Y]bY`\_`UfY`5V`Y`bi`b[ `j`cb  
?ccdYfUh]cbYb`a`]h`fYWk`hgYI`hfYa`Yb`DUfhY]Yb`ZYgh[ YghY``h`k`YfXYb"

## F`YU`\_h]cbYb`i`bX`[ YgY``gWk`UZh`]Wk`Y J`YfUbhk`cfhi`b[

⇒`XYf`^2`ZZYbh`]Wk`\_Y]h`VYghY`h`Y]bY`VfY]hY`Ni`gh]a`a`i`b[ `ZŒf  
A`U»`bU`a`Yb`ni`f`VYggYfYb`5i`Z`\_`À`fi`b[ `ŒVYf`f`YWk`hgYI`hfYa`Y

ð\U`hY`i bX`i bhYfghØhni b[ `ZØf`j cb`fYVW`hYf`; Yk U`h`VYXfc`hY  
 A YbgW`Yb`"A ]bXYghYbg`- \$`DfcnYbh`XYf`6YZfU[ hYb`VYZØfk`cfhYb`X]Y  
 Bch`k`YbX][`\_Y]hž`]b`X]YgYf`<]bg]W`h`U`\_hj` `ni` `k`YfXYb`"6Y]`XYb  
 dfchYgh]YfYbXYb`; fi`ddYb`]gh`Y]b`Ui`ZÄ`][`Yg`A`Yf`\_a`U`XUg`c`Y  
 6]`Xi`b[`gb]j`YUi` `i`bX`X]Y`<Yf`\_i`bZh`Ui`g`XYa` `]b`\_Yb`A` ]]Yi` `XYf  
 cVYfYb`A`]hY`gW`]W`hž`k`cVY]`j`]Y`Y`5b`Åb[`Yf`]b`XYf`Y`hnhYb  
 6i`bXYghU[`gk`U`X`ZØf`X]Y`; fØbYb`gh]a`a`hYb`"

8]Y`; YgW`Y`b]ggY`]b`BØfbVYf[ `g]bX`gca`]h`b]W`h`bi`f`5i`gXfi`W`\_XYf  
 U`\_hi`Y`Y`b`dc`]h]gW`Yb`GdUbbi`b[`Ybž`gcbXYfb`Ui`W`HY]`Y]bYg  
 [`fØ»`YfYb`[`YgY`gW`UZh]W`Yb`8]g`\_i`fgYgž`]b`XYa` `XYf`K`]XYfghUbX  
 [`Y[`Yb`FYW`hgYI`hfYa`]ga`i`g`i`bX`X]Y`GhÅf`\_i`b[` `XYa`c`\_fUh]gW`Yf  
 K`YfhY`ni`bY`a`YbX`Ub`6YXYi`hi`b[` `]`Yk`]bbYb`"8]YgY  
 9bhk`]W`\_i`b[`Yb`gd]Y[`Y`b`g]W` `Ui`W` `]b`XYb`VYj`cfghY`YbXYb  
 DfchYghYb`k`]XYfž`VY]`XYbYb`XUg`N]Y`XUf]b`VYghY`hž`\_`UfY`NY]W`Yb  
 ni`gYhnyb`i`bX`A`YbgW`Yb`ni` `a`cV`]g]YfYb`"

: Øf`k`Y]hYfY` ðZcfa`Uh]cbYb`ni` `XYb`9fY][`b]ggYb`]b`BØfbVYf[ `i`bX  
 XYb`XUa`]h]j`YfVi`bXYbYb`dc`]h]gW`Yb`GhfØa`i`b[`Yb`VYgi`W`Yb`G]Y  
 X]Y`5fh]\_Y`j`cb`DBDž`A`Yf`\_i`f`i`bX`9bXghUh]cb`FYW`hg`"

8YhU]`g	
J`c`f`ZU``	?`ØfdYfj`Yf`Yhni`b[
I`fgUW`Y	[`Yk`U`hgUa`Y`5i`gY]bUbXYfgYhni`b[`Ybž`6`c`W`_UXYb
C`fh	BØfbVYf[`ž`8Yi`hgW`_UbX
J`Yf`Y`hnhY	,
:`YghbU`a`Yb	%
E`i`Y`Y`b	<ul style="list-style-type: none"> <li>• k k k "dbd"XY</li> <li>• k k k "a Yf_i f"XY</li> <li>• k k k "YbXghUh]cb!fYW`hg"XY</li> </ul>

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