

F chY ': `Ua a Yb ']b ' >YbU. ' , VYf ' * "\$\$\$ ' ZØf
5 bh]ZU ' [Y [Yb ' F YW\ hg °

‡ † >YbU`XYa cbghf]YfhYb`Ua `%(" ' † b] '&\$&) `ØVYf`* "\$\$\$
A YbgW\Yb `ZØf`5bh]ZU`i bX`[Y [Yb `fYW\hY` ; Yk U`hž`i bhYfghØnhh
j cb`Vi bXYgk Y]hYb` ; fi ddYb"



>YbUž`8Yi hgW\`UbX`!`5a `%(" ' † b] '&\$&) `ZUbXYb`g]W\`j b`>YbU`ØVYf
* "\$\$\$`A YbgW\Yb`ni gUa a Ybž`i a `i bhYf`XYa `A chhc` `5bh]ZU`]gh
bchk YbX][`Y]b`ghUf`_Yg`NY]W\Yb`[Y [Yb `ghUUh`]W\Y`F YdfYgg]cb`i bX
fYW\hgYI hfYa Y` ; Yk U`h`ni `gYhmYb`" `8]YgY`8Ya cbghfUh]cbž`X]Y`j cb
Y]bYa `VfY]hYb`6ØbXb]g`Ubh]ZUgW\]gh]gW\Yf` ; fi ddYb`cf[Ub]g]Yfh
k i fXYž`nc[`Yhk U`XcddY`h`gc`j]Y`Y`HY]`bY\`a Yf`Ub`k]Y`i fgdfØb[`]W\
Yfk UfhYhž`k Ug`X]Y`6YXYi hi b[`X]YgYf`J YfUbghU`hi b[`i bhYfghfY]W\`h"
8Yf`8Ya cbghfUh]cbgcfhž`XYf`D`Uhn`j cf`XYa `>Ybhck Yfž`k i fXY`j cb
XYb`HY]`bY\`a YbXYb`a]h`F`Ui W\`VYb[U`]gW\Yf` : UW`_`Y`b`]b`Y]b
Y]bXfi W`_`gj c``Yg`F`ch`[YhUi W\`h`"5i W\` : Yi Yfk Yf`_`g`_ØfdYf`i bX`6Ø`Yf
gcf[hYb`ZØf`Y]b`Y]bXfi W`_`gj c``Yg`6]`Xž`k]Y`X]Y`† b[`Y`"K cf`X
VYf]W\`hY`h"

6YgcbXYfg]b`>bU`Uhg`c`Y]bY`J YfgUa a`i b[`Y]bY`[Yk]W h][Y
6YXYi hi b[žXU`X]Y`< Ui dhh`hYf`XYg`B Uh]cbU`gcn]U`]gh]gW Yb
I bhYf[fi bXg`fBGI Łj cb`Xcfh`ghUa a`Yb``8U`Yf`k Uf`X]Y`Gh]a a`i b[
j cb`Y]bYa`ghUf`Yb`; YZØ`X`XYf`Gc`XUf]h`h`[Ydf`A[h``8]Y
HY]bY`a`Yf`VY`_i bXYhYb`b]W h`bi f`]\fY`I bhYfghØhni b[`ZØf`X]Y
CdZYf`fYW hYf`; Yk U`hž`gcbXYfb`nY][hYb`Ui W`]\fY
9bhgW`cggYb`Y]h]a`<]bV`]W`_Ui ZX]Y`5i g`]YZYfi b[`j cb`A U`U`H`ž
Y]bYf`Ubh]ZUgW`]gh]gW Yb`5`_hj]gh]b``8]YgY`k i fXY`j cf`Y]bYa`>]\f
fYW`hgk]Xf][`bUW`I b[Ufb`Ui g[Y`]YZYfhi bX`ghY`h`Xcfh`k Y[Yb
gW`k YfYf`?ØfdYfj Yf`Yhni b[`i bX`A]h[`]YXgW`UZh]b`Y]bYf
_f]a]bY`Yb`J YfY]b][i b[`j cf`; Yf]W`h`A U`U`Hg`J UhYf`UddY``]YfhY
k `A`fYbX`XYf`8Ya`cbghfUh]cb`Y]bXf]b[`]W`Ub`X]Y`HY]bY`a`Yfž`Ui Z
; Yk U`h`ni`j`Yfn]W`hYbž`i bX`ZcfXYfhY`Y]bY`VYggYfY`6Y`UbX`i b[`i bX
<UZhVYX]b[i b[Yb`ZØf`gY]bY`HcW`hYfž`k]Y`X]Y`>YbUYf
B UW`f]W`hYb`ZYghghY`Yb`"

9]b`_`UfYg`G][bU``[Y[Yb`9I hfYa]ga i g

8]Y`F`YXYVY]hf`A[Y`VY]`XYf`8Ya`cbghfUh]cb`f]W`hYhYb`g]W`_`cb`_fYh
[Y[Yb`F`YW`hgYI hfYa]ga i gi bX`:`fYa`XYbZY]bX`]W`_Y]h``ϕ
5bVYhfUW`h`XYf`bcW`]a`a`Yf`ghY][YbXYb`NU`Yb
fYW`hgYI hfYa]gh]gW`Yf`GhfUZhUhYb`]b`8Yi`hgW`UbXž`k`Ug`g]W`]b
Y]bYa`VYa`Yf`_Ybgk`YfhYb`5bgh]Y[`Ui`Z`+`,`)``8Y`]_hY`]a`>]\f
&\$&(`b]YXYfgW`i [ž`k`i`fXY`X]Y`8f]b[`]W`_Y]h`X]YgYf`DfchYghY
bcW`a`U`g`j`YfXYi`h]W`h``5i`W`X]Y`GY]hY`XYg
J YfZUggi b[ggW`i`hnYg`j`Yfk`Y]gh`XUfUi`Zž`XUgg`XUg
DYfgcbYbdchYbn]U``[Yk U`hcf]Ybh]YfhYf`F`YW`hgYI hfYa]ghYb`ni`Y`hnh
Ui`Zfi`bX`%)`" `\$\$`DYfgcbYb`[YgW`A`hnh`k`i`fXY`"

K `A`fYbX`XYf`J`YfUbghU`hi b[`_Ua`Yg`ni`Y]b][Yb
5i`gY]bUbXYfgYhni b[Ybž`X]Y`ni`f`F`Y[]ghf]Yfi b[`j`cb`ZØb`Z`GhfUZhUhYb
ZØ`fhYbž`XUfi`bhYf`j`Yfgi`W`hY`i`bX`j`c``YbXYhY`?ØfdYfj`Yf`Yhni`b[
Xi`fW`Dmfc`hYW`b]_`" `ϕg[YgUa`h`k`i`fXYb`XfY]`Dc`]n]ghYb`i`bX`nk`Y]
N]j`j`d`YfgcbYb``Y]W`h`j`Yf`Y`hnhž`k`Ug`X]Y`Dc`]nY]`XUni`j`YfUb`UgghYž
a`]h`a`Y`fYfYb`<`i`bXYfhgW`UZhYb`Ui`g`H`Øf]b[Ybž`6UmYfb`i`bX
GUW`gYb`df`A`gYb`h`ni`gY]b``J`Yf`_Y`fgY]bgW`f`A`b`_i`b[Yb`gh`ØfhYb
ni`XYa`ZØf`a`Y`fYfY`Ghi`bXYb`XYb`ϕ`bYbghUXhVYfY]W`X`Yf`GhUXhž
k`Ug`Y`Xc`W`X]Y`9bhgW`cggYb`Y]h`XYf`8Ya`cbghf]YfYbXYb`b]W`h

a]bXYfhY"

⇒ 5bVYhfUW h'XYf' [YgY`gW UZh']W Yb'i bX'dc`]h]gW Yb'8 mbUa]_']gh
ni '\cZYbž'XUgg'gc`W Y' [fc» Yb'8Ya cbghfUh]cbYb'b]W h'bi f
g]W hVUfž'gcbXYfb'Ui W'gdØfVUf'ZØf'Y]bY'VfY]hY'² ZYbh]W_Y]h
V`Y]VYbž'i a`X]Y'ZcfhXUi YfbXY'6YXfc\i b[`Xi fW'fYW hYb
9l hfYa]ga i g'i bX`X]Y`XUa]h'Y]b\Yf[Y\YbXYb' [YgY`gW UZh']W Yb
GdUbbi b[Yb']b'XYb': c_i g'ni 'fØW_Yb"

8YhU]`g	
C fh	→ bUž'8Yi hgW`UbX
E i Y`Yb	<ul style="list-style-type: none">• ħ b[`Y" k cf`X• k k k "YbUYf!b UW f]W hYb"XY• k k k "j YfZUggi b[ggW i hn"XY

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