

H0h`]W\ Y ; Yk U`h`]b`6U`c W\]ghUb. (&`Hc hY VY]`YfbYi hYb`5b[f]ZZYb`

⇒ a`G0Xk YghYb`DU_]ghUbg`k i fXYb`%, `dUfUa]`hÅf]gW\Y
Gc`XUHYb`i bX`&(`5b[fY]ZYf`[Yh0hYhž`k Å\ fYbX`gY_]YfYf]gW\Y
; Yk U`hini b]a a h"

E]`U`5VXi ``U\ ž`6U`c W\]ghUb ž`DU_]ghUb`!`5a`%"": YVfi Uf'&\$&)
Ua`Yg`ja`G0Xk YghYb`DU]ghUbg`ni`Y]bYa`hfU[]gW\Yb`5bgh]Y[`XYf
; Yk U`hž`XYf`a`]bXYghYbg`%, `dUfUa]`hÅf]gW\Yb`Gc`XUHYb`gck]Y`&(
VYk UZZbYhYb`5b[fY]ZYfb`XUg`@VYb`_cghYhY"@Ui hi`5`>`UnYYFU
ghY\`h`X]YgY; Yk U`h]a`Ni`gUa`a`Yb\Ub[`a`]hY]bYa`5bgh]Y[
gY_]YfYf]gW\Yfž`Yh\`b]gW\Yf`i`bX`gYdUfUh]gh]gW\Yf`?`cbZ`_hY`]b`XYf
FY[]cb" `8]Y`J`cfZ`Y`YfY][`bYhYb`g]W\`0VYfk]Y[YbX`]b`XYf`Dfcj]bn
6U`cW\]ghUbž`k`c`?`Åa`dZYf`j`Yfgi`W`hYbž`GhfU»`YbV`cW`UXYb
Y]bni`f]W`hYb`i`bX`X]Y`G]W\Yf\`Y]hg`f`ÅZhY`VY]a`6YgY]h[Yb`X]YgYf
6`cW`UXYb`i`bhYf`6YgW\i`gg`bU\`a`Yb"

6YgcbXYfg`ZUH`k`Uf`Y]b`5b[f]ZZ`Ui`ZY]b`:`U\`fnYi`[`a`]h
i`bVYk`UZZbYhYb`A`]h[`]YXYfb`XYg`:`fcbh]Yf`7`cfdg`]b`XYf`B`Å\`Y`j`cb
A`Ub[`cW`Ufž`XUg`j`cb`+`\$`V]g`, `\$`5b[fY]ZYfb`UhUW_]Yfh`k`i`fXY"
K`Å\`fYbX`XYg`5b[f]ZZg`k`i`fXYb`XfY]`DUfUa]`hÅfg`gW\k`Yf`j`Yf`Yhnh
i`bX`nk`Y]`_`cbbhYb`Z]Y\`Yb" `8]Y`6U`cW\`@]VYfUh]cb`5fa`mif6`@5Ł
0VYfbU\`a`X]Y`J`YfUbhk`cfhi`b[`Z0f`X]YgYb`5b[f]ZZ`VYf]W`hYhY
Y`XcW`j`cb`Y]bYf`b]YXf][`YfYb`NU\`Ub`HcXYgcdZYfbž`U`g`]bg[YgUa`h
%+`" `b`Y]bYf`FYU`_h]cb`XYg`A`]`hÅfg`k`i`fXYb`a`]bXYghYbg`%%
5b[fY]ZYf`]b`bUW`Zc`[YbXYb`F`Åi`a`i`b[gcdYfUh]cbYb
bYi`hfU`]g]Yfh"

A]`]hUb`hY`5b[f]ZZY`i`bX
G]W\Yf\`Y]hg`c`d`Yf`Uh]c`b`Yb

ϕ`Y]bYa`k`Y]hYfYb`J`cfZU`k`i`fXY`Y]b`G]WXYf\Y]hgd`c`ghYb`b`U\Y`XYf`
UZ[`\Ub]gWXYb`;`fYbnY`Ub[`Y[`f]ZZYb"@Ui`h`MU\cc`BYk`g`j`Yfgi`W`hYb`
]g`Ua`]gh]gWY`A`j`]hUb`hY`ž`X]YgYb`Dc`ghYb`ni`ØVYffYb`bYb`ž`k`Ug`]b`
Y]bYa`a`]gg`i`b[`YbYb`5b[`f]Z`a`ØbXYhY`"8`UVY]`k`i`fXYb`nk`Y`
DU_]`ghUb]`Gc`XUhYb`[`Yh`ØhY`hi`bX`ZØbZ`5b[`fY]ZYfž`Y]bgW`Y`Y`»`]W`nk`Y`
GY`Vg`ha`c`fXUhYb`h`hYfž`bYi`hfU`]g]Yfh`"8]Y`A`j`]hUb`hYb`j`Yfk`YbXYhYb`
Y]b`a`]h`GdfYb[`ghc`ZZ`VY`UXYbYg`:`U\`fnYi`[`ž`i`a`]b`X]Y`
G]WXYf\Y]hgdYf]a`YhYf`XYg`Dc`ghYbg`Y]bni`Xf]b[`Yb`"

6YgcbXYfg`VYgcf[`b]gYffY[`YbX`g]bX`X]Y`Øb[`ghYb`9b`hk`]W`i`b[`Yb`
]b`6U`c`W]ghUbž`Y]bYf`a`]bYfU`fY]WXYb`Dfc`j`]bnž`X]Y`gY]h`ØVYf`Y]bYa`
ϕ\`fnY\`bh`j`cb`Y]bYa`5i`ZghUbX`gYdUfUh]gh]gWYf`6U`c`W!;`fi`ddYb`
i`bX`]g`Ua`]gh]gWYf`A`j`]hUb`hYb`VYhfc`ZZYb`]gh`"8]Y`dU_]`ghUb]`gWY`
FY[`]Yfi`b[`]Vh`?UVi`X]Y`GW`i`X`Ub`XYf`J`Yfk`YbXi`b[`]fYg`
HYff]hc`f]i`a`g`Xi`fW`A`j`]hUb`hY`ZØf`HfU]b]b[`g!`i`bX`D`Ubi`b[`gnk`YW`Yž`
k`Ug`YXcW`j`cb`XYf`UZ[`\Ub]gWXYb`FY[`]Yfi`b[`]ni`fØW`[`Yk`]YgYb`
k`]fX`"

<]ghc`f]gWY`K`i`fnY`b`i`bX`Ub`U`hYbXY`
?`cbZ`]_`hY`

8]Y`K`i`fnY`b`XYg`6U`c`W!`?`cbZ`]_`hg`g]bX`h]YZ]b`XYf`;`YgW]W`hY`
j`Yfk`i`fnY`h`"@Ui`h`5F`[`]Vh`Yg`gck`c`\`\]ghc`f]gWY`U`g`Ui`W`
nY]h[`Yb`Øgg]gWY`;`fØbXYž`X]Y`ni`f`ϕghUV`]h`h`b`XYf`FY[`]cb`
VY]hfU[`Yb`"GY]h`XYf`;`fØbXi`b[`]DU_]`ghUb]g]a`ϕ\`f`%-`(+`VYghY\`Yb`
Yf\`YV`]WY`GdUbbi`b[`Yb`nk`]gWYb`XYf`6U`c`W!6Yj`Ø`_Yfi`b[`]i`bX`
XYf`NYbhfU`fY[`]Yfi`b[`]8]YgY`?`cbZ`]_`hY`Yg`U`]YfhYb`VYgcbXYfg`
bUW`XYf`GW`UZZ]`b[`]XYg`;`k`UXUf!<`UZ`bg]a`ϕ\`f`&\$\$&ž`XYf`
U`gGma`Vc`XYf`A`Uf[`]bU`]g]Yfi`b[`]XYf`6U`c`W`Ub[`]YgY\`Yb`k`]fX`"

A`j]h[`]YgW`h`hYb`&)`"\$\$\$`5fa`YYk`]ggYbgW`UZh`Yfbž`X]Y`]b`
j`YfgW]YXYbYb`;`Y[`YbU`_h]cbYb[`]Y[`Yb`XYb`?`cbZ`]_`h`h`h]h[`]g]bXž`]gh`
X]Y`;`Yk`U`h]b`6U`c`W]ghUb`X]Y`h`OX`]W`ghY`gY]h`XYb`%-`+`\$Yf`ϕ\`fYb`
8Yf`?`cbZ`]_`h`_Øbb`hY`b]W`h`bi`f`X]Y`GhUV`]h`h`DU_]`ghUb]g[`]YZ\`fXYbž`
gcbXYfb`Ui`W`5i`gk`]f`_i`b[`]Yb`Ui`ZXUg[`]Ycdc`]h]gWY`I`a`ZY`X`
GØXUg]Yb`\UVYbž`]bgVYgcbXYfY]b`6Yni`[`]Ui`ZX]Y`6Yn]Y\i`b[`]Yb`ni`
5Z[`\Ub]ghUb`i`bX`ϕX]Yb`"

5b[Yg]W\hg`XYf`_ca d`YI Yb`8 mbUa]_Yb`nk]gW\Yb`Yh\b]gW\Yb
 ?cbZ]_hYbž`gY_h]YfYf]gW\Yf`; Yk U`h`i bX`XYb`5bZcfXYfi b[Yb`Ub
 Y]bY`bUW\`U`h][Y`9bhk]W`i b[`V`Y]Vh`X]Y`< YfUi gZcfXYfi b[`ZØf`X]Y
 dU_]ghUb]gW\Y`FY[]Yfi b[ž`X]Y`6U`UbW`nk]gW\Yb`G]W\Yf\Y]h`i bX
 XYf`6YfØW_g]W\h][i b[`XYf`6U`cW\!⇒XYbh]h`h`ini `Z]bXYb"

8 YhU]`g	
J c fZU``	HYffcf]ga i g
I fgUW\Y	gY_h]YfYf]gW\Yž`Yh\b]gW\Y`i bX gYdUfUh]gh]gW\Y`; Yk U`h
C fh	E]`U`5VXi ``U\ž`6U`cW\]ghUbž`DU_]ghUb
J Yf`YhnhY	'
E i Y`Yb	<ul style="list-style-type: none"> • k k k "U`^UnYYfU"WŁa • k k k "mU\cc"WŁa • k k k "]Uf![k i "cf[

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