

< cWk Uggyf[YZU\ f ']a ' ? fY]g ' GcYgh. ' Gc
gWk ØhnYb ' G]Y ' ð f ' Ni \ Ui gY °

⇒ a ' ? fY]g ' GcYgh ' Xfc \ Yb ' Ua ' % (" \$ * ' & \$ &) ' ghUf _ Y ' i bk YhhYf ' i bX
< cWk Uggyf " ' K]Wk h] [Y ' ð Zcg ' ni ' F]g] _ Yb ' i bX
GWk i hna U » bU \ a Yb ' ZØf ' 6Øf [Yf "



GcYghž ' 8 Yi hgWk ` UbX ' ! ' i bk YhhYf ' n]Y \ Yb ' ØVYf ' XYb ' ? fY]g ' GcYghž
i bX ' X]Y ' 6Yj Ø ` _ Yfi b [' a i gg]g]Wk ' Ui ZY]bYb ' k Y]hYfYb ' GhUf _ fY [Yb
Ua ' % (" ' ð b] ' & \$ &) ' j cfVYfY]hYb " ' 8]Y ' ? f]gYbg]hi Uh]cb ']gh ' ` Åb [gh ' b]Wk h
bYi ' . 8 i fWk ' Ub \ U ' hYbXY ' i bk YhhYf ' U [Yb ' i bX ' ni bY \ a YbXY
GhUf _ fY [YbYfY] [b]ggY ' k i fXYb ']b ' XYb ' ` YmhYb ' ð \ fYb ']a a Yf
k]YXYf ' GWk ` ÅXYb ' fY []ghf]Yfh " ' K]Y ' XYf ' GcYghYf ' 5bnY] [Yf ' VYf]Wk hYhž
]gh ' X]Y ' ; YZÅ \ fXi b [' VYgcbXYfg ' ZØf ' X]Y ' 5 ' hghUXh ' j cb ' GcYghi bX ' XYb
Cfh ' < UhhfcdžXYf ']b ' XYb ' ` YmhYb ' ZØbZ ' ð \ fYb ' a Y \ fZUWk ' j cb
, VYfgWk Ya a i b [Yb ' VYhfcZYb ' k Ufž ' \ cWk "

: Øf ' U ` Y ' 6Øf [Yf .]bbYb ' V]YhYh ' g]Wk ' X]Y ' A Ø [`]Wk _ Y]hž ' \ fY ' dYfgØb `]Wk Y
< cWk Uggyf [YZÅ \ fXi b [' ni ' ØVYfd fØZYb " ' 5i ZXYf ' K YVgY]hY '
ZccXWkYW "bYh ' _Ubb ' a Ub ' i b _ca ' d ']n]Yfh ' X]Y ' Y] [YbY ' 5XfYggY

Y]b[YVYb`i bX`g]Wk`]bZcfa`]YfYb"8 Ug`< cWk UggYf`_Ubb`XUVY]`Ui Z
nk Y]5fhYb`Ui ZhfYhYb.`8i fWk`ghY][YbXY` ; Yk AggYfdY[Y`cXYf
Xi fWk`d`Om`]WkY` , VYfZi hi b[Yb`Ui Z[fi bX`ghA`f_YfYf`fY[YbZ`"Y"

F Uh`i bX`<]`ZY`VY]`< c Wk UggYf[YZU`f

6Y]`Xfc`YbXYf`<cWk UggYf[YZU`f`g]bX`J c fgc f[Ya U» bU`a Yb
DZ]Wk`h"8Yb`6Øf[Yf.]bbYb`k]fX`[YfUhYbž`]`fY` ; fi bXghØW`Y`gc`ni
[YghU`hYbž`XUgg`GWk`AXYb`a]b]a]Yfh`k YfXYb"CV`Y`_hgWk`i hn`Xi fWk
A Ui Yfbž`XUg`9f`Ø`Yb`j cb`@]Wk`hgWk`AWk`hYb`i bX`X]Y`f]Wk`h][Y
; YghU`hi b[`XYg`Y][YbYb` ; fi bXghØW`g`g]bX`bi`f`Y]b][Y`H]ddgž`X]Y
g]Wk`ZØf`9][YbhØa`Yf`[YZ`A`fXYhYf`æ`a`cV]`Yb`U`g`]`ZFY]Wk
Yfk Y]gYb`_ØbbYb"K`Yf`gY`Vgh`_Y]bYb`D`Uhm`]a`?Y`Yf`U`hž`gc`hY
XUfUi`ZUWk`hYbž`XUgg`X]YgYf`b]Wk`h`U`g`K`c`b`!`cXYf`@U[Yff`Ai`a`Y
[Ybi`mh`k`]fXž`i`a`]a` : U`XYf` : A`Y`b]Wk`h`U`Yg`ni`j`Yf`]YfYbž
Yfk`A`b`h`X]Y`GY]hY`XYg`?`fY]g`Gc`Ygh"

8]Y`GHUXh`GcYgh`U`h`ni`XYa`Y]b`Z]bUbn]Y`Yg
I`bhYfghØhni`b[`gUb[`YVch`ZØf`<cWk UggYfgWk`i`hna`U»`bU`a`Yb`Ui`Z
X]Y`6Y]bY`[`YghY`"h"9][`YbhØa`Yf`_ØbbYb`V]g`ni`)`\$`i` `XYf`?`cghYb
ZØf`VYgh]a`a`hY`GWk`i`hna`U»`bU`a`Ybž`k`]Y`VUi`]Wk`Y
GWk`i`hnj`cff]Wk`hi`b[`Ybž`8`fi`W`X]Wk`hY`HØfYb`cXYf`Di`a`dYb`gmghYa`Yž
]b`5bgdfi`Wk`bY`a`Yb`V]g`ni`Y]bYa`A`U]`]a`i`a`j`cb`)\$`\$`9i`fc"
8Ua`]h`gc`XYf`?`Ua`dZ`[`Y[`Yb`XUg`<cWk UggYf`Yf`Y]Wk`hYfh`k`YfXYb"

HYWk`bc`c[]gWk`Y`<]`Zga`]hhY``[Y[Yb , VYfgWk`k`Ya`a`i`b[Yb

K`]Wk`h][`]gh`Ui`Wk`ž`X]Y`U`_hi`Y`Yb`K`UggYfgh`AbXY`]a`6`]W`_ni
VY`U`hYb"8Yf`?`fY]g`GcYgh`U`h`X]Y`DY[`Y`5dd`i`a`Y]bY` :`i`b`_h]cb
Yfk`Y]hYfhž`X]Y`]bX]j`]Xi`Y`Y`K`Ufbi`b[`Yb`i`bX`U`_hi`Y`Y
K`UggYfgh`AbXY`UbnY][`h"8]YgY`5dd`]gh`_cghYb`cg`]a`5dd`Ghc`fY`i`bX
;`cc[`Y`D`Umj`YfZØ[`VUf`i`bX`gc`hY`j`cb`YXYf.`b`6Øf[`Yf.]b`a`]h
<cWk UggYff]g]_c`Yfi`bhYf[`Y`UXYb`k`YfXYb"

⊕`XYf`J`Yf[`Ub[`Yb`Y]h`k`i`fXY`VYfY]hg`j`]Y`i`bhYfbca`a`Ybž`i`a`XUg
F]g]_c`j`cb`<cWk UggYfYfY][`b]ggYb`ni`a`]b]a`]YfYb"⊕g[`YgUa`h

UWk h < c Wk UggYffØW\U`hYVYW_Yb`k i fXYb`ja`?fY]g`GcYgh`bYi
[YVUi h`zi bX`nU\`fY]Wk Y`k Y]hYfY`GWk i hna U» bU\`a Yb`g]bX`[Yd`Ubh"
8 Uni`[Y\`ØfYb`i bhYf`UbXYfYa`XYf`I a gWk i b[`XYg`A Ø\`YbVUWk g
i bX`X]Y` ; YghU`hi b[`j cb`FYhYbh]cbgf`Åi a Yb`ži a`B]YXYfgWk`À[Y
YZZY_hj] Yf`UVni`Y]hYb`žk]Y`XYf`?fY]g`GcYgh`]bZcfa`]Yfh"

; `cVU`Y`< YfUi gZcfXYfi b[Yb`i bX``c`_U`Y
A U» bU\`a Yb

8]Y`DfcV`Ya Uh]_`j cb` , VYfgWk Ya a i b[Yb`]gh`YXcW`b]Wk h`bi f
Y]b``c`_U`Yg`D\`Åbca Yb`" `ϕ`[Ubn`8Yi hgWk`UbX`i bX`XUfØVYf`\`]bUi g
ghY][Yb`X]Y`FY[YbZ`Å`Y`Ub`ϕ`hYbg]h`Åh`"@YhnhYg`ϕ\`f`Yf`YVhY
VY]gd]Y`gk Y]gY`X]Y`gdUb]gWk Y`Dfcj]bn`J U`YbW]U`i bj Yf\`cZ`hY
 , VYfgWk Ya a i b[Yb`žX]Y`j]Y`Yb`A YbgWk Yb`XUg`@YVYb`_`cghYhYb`"
K]ggYbgWk UZh`Yf`ghY`Yb`ZYgh`žXUgg`X]Y`?`]a UYfk`Åfa i b[`Y]bYb
 ; fc» hY]`X]YgYf`YI hfYa Yb`K YhhYf`U[Yb`VYY]bZi ggh`Gc`k]fX
U`[Ya Y]b`j cb`XYf`B`chk YbX][`_Y]h`Y]bYg`YZZY_hj] Yb
< cWk UggYfgWk i hnYg`UV[YfUH`Yb`ži a`X]Y`5i gk]f`_i b[Yb`XYf
[`cVU`Yb`9fk`Åfa i b[`UVni`X`Åa dZ`b`i bX`bUhØf`]Wk Y
K UggYfgdY]Wk Yf`k]Y` ; Yi Wk h[YV]YhY`VYggYf`ni`gWk ØhnYb`žk]Y`Ui Z`
8Yi hgWk`UbX`Zi b`_`ni gUa a Yb[YghY`h`k i fXY"

8Yf`?`]a Uk UbXY`ZØ\`fh`ni`Y]bYf`Ni bU\`a Y`gWk YfYf`FY[YbZ`Å`Yž
k Ug`VYgcbXYfg`]b`A]hY`[YV]f[Yb`i bX`C`ghXYi hgWk`UbX`XUg
< cWk UggYff]g]_`c`Yf\`Ø\`h`8]Y`XUg`< cWk UggYfd`f`Åj Ybh]cbg[YgYhnž
XUg`X]Y`9ff]Wk hi b[`j cb`8`Åa a Yb`i bX`8Y]Wk Yb`ZØfXYfb`gc`ž`]gh
Y]bYg`j cb`j]Y`Yb` ; YgYhnYgj`c`f\`UVYb`žX]Y`]b`XYf`dc`]h]gWk Yb
8]g`_i gg]cb`ghY`Yb`"9g`V`Y]Vh`UVni`k UfhYb`žk]Y`g]Wk`X]Y`fYWk h]Wk Yb
F U\`a YbVYX]b[i b[Yb`]b`Ni`_i bZh`Yb`hk]W`Y`b`i bX`k Y`Wk Y
`Ub[Zf]gh][Yb`N]Y`Y`j YfZc`[h`k YfXYb`_`ØbbYb"

ϕg[YgUa h`V`Y]Vh`XYf`GWk`ØggY`ni a`9fZc`[`Y]b`[i h`Xi fWk XUWk hYf
< cWk UggYfgWk i hn`i bX`dYfgØb`]Wk Yg`9b[U[Ya Ybh`XYf`6Øf[Yf"
8 Ug`J Yfgh`ÅbXb]g`ZØf`X]Y`Y][YbYb`F]g]_Yb`i bX`X]Y`f]Wk h][Yb
A U» bU\`a Yb`_`ØbbYb`YbhgWk Y]XYbX`gY]b`ži a`XYb
< YfUi gZcfXYfi b[Yb`XYf`BUhi`f`< Yff`ni`k YfXYb"

8YhU]`g	
C fh	GcYghž`8Yi hgW`UbX
E i Y`Yb	<ul style="list-style-type: none"> • k k k "gcYghYf!Ub nY][Yf"XY • k k k "_fY]g!gcYgh"XY • k k k "XYi hgW`UbXZi b_"XY

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