

@i l Ya Vi f[ g' < Ui g\ U`hgVYf]W\ h. '8 YZ]n]h  
j cb`%%%'A ]``]cbYb`9i fc`]a`YfghYb  
< U`V`U`f`

: ]bUbna ]b]ghYf'; ]`Yg`F ch\`dfÅgYbh]Yfh`Ua` `& (" \$+ "&\$&) `X]Y  
GhUUhgZ]bUbnYb`@ l Ya Vi f[ g. '8 YZ]n]h`i bX`d cg]h]j Y  
9]bbU\ a YbYbhk ]W`i b[ "



F ch\ ž`@i l Ya Vi f[ ' !' K ]Y`ghY\`h`Yg`i a` `X]Y`GhUUhgZ]bUbnYb  
@i l Ya Vi f[ g]a`YfghYb`< U`V`U`f`&\$&) 3: ]bUbna ]b]ghYf'; ]`Yg`F ch\  
f7GJ ě`dfÅgYbh]Yfh`\Yi hY`X]Y`U`\_hi`Y``Yb`NU\`Yb`i bX`\Uh`Y]bY  
[ Ya ]gW\hY`6]`Ubn`ni`n]Y\Yb`"8]Y`5i`g[ UVYb`ØVYfghY][ Yb`X]Y  
9]bbU\ a Yb`i a` `%%%'A ]``]cbYb`9i fc`ž`i bX`XUg`]b`Y]bYf`NY]hž`]b`XYf  
g]W\`X]Y`K`Y`hk`]fhgW\UZh`Ui`ZY]bY`9f\c`i b[ `ni`VYk`Y[ h`"8cW`F ch\  
nY][ h]g]W\`cdh]a ]gh]gW\`i bX`j`Yfk`Y]gh`Ui`Z`]bg[ YgUa`h`%( ž  
A ]``]UfXYb`9i fc`9]bbU\ a Yb`ž`k Ug`Y]bYa`5bgh]Y[ `j`cb`&ž` `DfcnYbh  
]a`J`Yf[ `Y]W\`ni`a`J`cf`U`f`Y`bhgdf]W\`h` `a`[ `Y]W\Yb`5hYa`ni`[  
a`UW\`h`Yf`\_`Ufž`XUgg`X]Y`5i`g[ UVYb`Ui`Z`%( ž- `A ]``]UfXYb`9i fc  
[ Ygh]Y[ Yb`g]bX`ž`Y]b`Ni`k`UW\`g`j`cb`ZUgh`+`DfcnYbh]a`J`Yf[ `Y]W\

ni a `YfghYb` < U`V`U`f`&\$&(" `8]Y`6Øf[ Yf`XØfZYb`U`gc`[ YgdUbbh`Ui Z  
X]Y`Ub[ Zf]gh][ Yb`HfYbXg`]b`XYf`:]bUbndc`]h]\_`gW`Ui Ybž`XYbb`XU  
`]Y[ h`XYZ]b]hj] `Yhk Ug`Ub"

9]b`V`]W`\_`Ui Z`X]Y`8`YhU]`g`nY][ hž`XUgg`X]Y`9]bbU`a` Yb`]bgVYgcbXYfY  
Xi fW`X]Y`?`ØfdYfgW`UZhghYi Yf`gdfi XY`b``8]YgY`VYhfi [ Yb`Ua` `` \$"  
ž`b`]+ž) `A`j`]UfXYb`9i fcž`k Ug`Y]bYa` `Ni k UW`g`j`cb`&&` `A`j`]cbYb  
9i fc`]a` `]`fYg`j`Yf[ `Y]W`Yb`hgd]f]W`h`Hf`chnXYa` `[ UV`Yg`Ui W`  
F`ØW`\_`[ `Äb[ Y`ni` `j`YfnY]W`b`Yb``Gc`a` `]bXYfhYb`g]W`X]Y`9]bbU`a` Yb  
Ui g`F`Y[ `]ghf]Yfi b[ g]ž`8`ca` `ÄbYb!`i` bX`A`Y`fk`Yf`hghYi`Yf`i`a  
]bg[ YgUa`h`(`&ž`&`A`j`]cbYb`9i fc``8]Y`[ Yf]b[ Y`DYfZcfa`UbW`]b  
X]YgYb`6`YfY]W`Yb`\_`ØbbhY`k`UfbYbXY`G][ bU`Y`ØVYf`X]Y  
k`]fhgW`UZh`]W`Y`GhUV]`]hÄ`h`XYf`6Øf[ Yf`Ui`g`ØgYb``8`Yb`bcW`[ `]Vh`Yg  
@]W`hV`]W`\_`Y`9]bbU`a` Yb`Ui`g`5`V`cb`bYa`Yb`h[ YV`Ø`f`Yb`gh]Y[ Yb`i`a  
` `+ž\*` `A`j`]cbYb`9i fcž`U`Y`fX]b[ g`\_`ØbbYb`g]Y`XYb`F`ØW`\_`Ub[ `VY]  
UbXYfYb`GhYi`Yfb`b]W`h`[ Ubni`Ui`g[ `Y]W`Yb"

### K`Y`W`Yb`9]bZ`i`gg`\`UVYb`X]Y`NØ`Y`3

9]b`k`Y]hYfYf`Di`b`\_`hž`XYb`F`ch`\`UbZ`Ø`f`hž`g]bX`X]Y`9]bbU`a` Yb`XYf  
Nc``!`i` bX`5`\_n]gYbj`Yfk`U`hi`b[ ``8]YgY`U[ Yb`VY]`%ž`&`A`j`]UfXYb`9i fcž  
k`Ug`Y]bYb`VYY]bXfi`W`YbXYb`5`bgh]Y[ `]`cb`%\$`&`A`j`]cbYb`9i fc`cXYf  
VY]bU`Y`%\$`DfcnYb`h`XUfghY``h`5i`W`X]Y`HUVU`\_ghYi`Yf`nY][ h  
ghY][ YbXY`HYbXYbnYb`i`bX`\`Uh`a`Y`f`U`g`%&\$`A`j`]cbYb`9i fc  
ni`gÄ`h`]W`Y]b[ YVfUW`hž`k`ca`]h]g]Y`]bg[ YgUa`h`Ui`Z`\*(`+ž) `A`j`]cbYb  
9i fc`\_`ca`a`h`5i`W`VY]`XYb`J`YfVfUi`W`gUV[ UVYb`[ `]Vh`Yg`Y]b  
[ YgdU`hYbYg`6]X`9]bbU`a` Yb`Ui`g`XYf`6`Ybn]bghYi`Yf`bU`a` Yb  
`Y]W`h`ni`ž`k`Ä`f`YbX`X]Y`NU`\`Yb`ZØf`8]YgY`fØW`\_`Äi`Z][ `]g]bX``Gc`W`Y  
GW`k`Ub`\_i`b[ Yb`\`UVYb`gck`c`\`5i`gk`]f`\_i`b[ Yb`Ui`Z`X]Y  
<Ui`g`U`hg`U[ Y`U`g`Ui`W`Ui`Z`XYb`hÄ[ `]W`Yb`;`Y`XVYi`hY`XYf`6Øf[ Yf"

9]b`nYbhfU`Yf`Di`b`\_`h]b`XYf`D`Ubi`b[ `XYf`i`I`Ya`Vi`f[ `]gW`Yb  
GhUUhgZ]bUbniYb`]gh`ni`XYa`ž`XUgg`X]Y`9]bbU`a` Yb`c`Zh`gmghYa`Uh]gW`  
ni`b]YXf][ `]`YfUb`gW`U[ h`k`YfXYb``æ`];`Y[ YbgUhn`ni`XYb  
hUhgÄW`]W`Yb`9]bbU`a` Ybž`X]Y`\`Äi`Z][ `]i`a`a`Y`f`YfY`\`i`bXYfh  
A`j`]cbYb`9i fc`ØVYf`XYb`9fk`Ufhi`b[ Yb`]Y[ Ybž`\_`ØbbhY`XUg  
`Ub[ Zf]gh][ `ni`Y]bYf`j`YfnYffhYb`G]W`h`Ui`Z`X]Y`:]bUbni`U[ Y`ZØ`f`Yb`  
8]Y`F`Y[ `]Yfi`b[ `a`i`gg`\]Yf`UbgYhmYbž`i`a`ni`\_`ØbZh][ Y

<Ui g\U`hg\_f]gYb`ni`j`Yfa`Y]XYb"

⇒`]bhYfbUh]cbU`Yb`J`Yf[`Y]W`gW`bY]XYh`@`I`Ya`Vi`f[`]a``ſ\`f`&`\$`&`&  
Xi`fW`Ui`g`b]W`h`g`W`Y`W`h`UV" `@`Ui`h`Y]b`Yf`@]ghY`j`cb`K`\_]`d`Y`X]U`U`h  
XUg`;`fc`»`ſ`Y`fnc[`hi`a`]b`X]Y`g`Ya``ſ\`f`9]bbU`a`Y`b`j`cb`"`)`"+`-`)  
A`j``cb`Y`b`9i`fc`Y`fn]Y`h`i`b`X`5i`g[`UV`Y`b`j`cb`"`)`"\*`)\$`A`j``cb`Y`b`9i`fc`ž  
k`U`g`ni`Y]b`Ya``,`V`Y`fg`W`i`gg`j`cb`%`(`) `A`j``cb`Y`b`9i`fc`Z`Ø`ſ`h" `⇒  
J`Y`f[`Y]W`ni`j`j`Y`Y`b`Ub`X`Y`f`Y`b`@`Ab`X`Y`f`b`k`j`Y`X`Y`b`i`G`5`ž`k`c`X`U`g`8`Y`Z]n]h  
V`Y]!`-`(`" `\*`(-`A`j``cb`Y`b`9i`fc``]Y[`h`ž`n`Y][`h`g]W`@`I`Ya`Vi`f[`]b`Y]b`Ya  
Ub`X`Y`f`Y`b`@]W`h"

## 8]Y`DYfgdY\_h]j`Y`ZØf`X]Y`Ni`\_i`b`Zh

5i`Z`X]Y`:`fU[`Y`ž`k`j`Y`Y`g`k`Y]h`Y`f[`Y`h`ž`V`Y]V`h`F`c`h`ſ`c`d`h]a`]g]g`W`" `9`f`]gh  
X`Y`f`A`Y]b`i`b[`ž`X`U`gg`h`f`c`h`n`X`Y`g`j`c`f`Ä`i`Z][`Y`b`8`Y`Z]n]h`g`]b`X]Y`g`Ya``ſ\`f  
X]Y`d`c`g]h]j`Y`9`b`h`k`]W`\_i`b[`X`Y`f`G`h`Y`i`Y`f`Y]b`b`U`a`Y`b`U`i`Z`Y]b`Y  
Y`f`ſ`c`Y`b`X`Y`K`]f`h`g`W`U`Z`h`ſ`]b`X`Y`i`h`Y`h" `5`b`U`m`g`h`Y`b`i`b`X`6`Ø`f[`Y`f`k`Y`f`X`Y`b  
Y`X`c`W`X]Y`\_ca`a`Y`b`X`Y`b`A`c`b`U`h`Y`[`Y`b`U`i`V`Y`c`V`U`W`h`Y`b`ž`i`a`ni  
g`Y`ſ`Y`b`ž`c`V`g]W`X]Y`g`Y`f`H`f`Y`b`X`Z`c`f`h`g`Y`h`h" `8`j`Y`<`c`Z`b`i`b[`X`U`V`Y]`]g`h`ž  
X`U`gg`X]Y`Z]b`U`b`n]Y``Y`b`G`W`k`U`b`\_i`b[`Y`b`X`Y`f`Y`h`h`Y`b`A`c`b`U`h`Y`X`Y`f  
J`Y`f[`U`b[`Y`b`ſ`Y]h`U`b[`Y`ſ`Ø`f`Y`b`i`b`X`@`I`Ya`Vi`f[`]U`i`Z`Y]b`Y`b`g`h`U`V]`Y`b  
k`]f`h`g`W`U`Z`h]W`Y`b`?`i`f`g`ni`f`Ø`W`\_Y`ſ`f`Y`b`\_U`b`b`ž`X`Y`f`g`c`k`c`ſ`X`Y`a`G`h`U`h  
U`g`U`i`W`X`Y`b`6`Ø`f[`Y`f`b`ni`[`i`h`Y`\_ca`a`h" `: `Ø`f`a`Y`ſ`f`ſ`Z`c`f`a`U`h]c`b`Y`b  
fi`b`X`i`a`X]Y`g`h`U`h]W`Y`b`:`]b`U`b`n`Y`b`c`ſ`b`h`g]W`Y`b`6`]W`\_U`i`Z`X]Y  
G`h`U`h]g]\_g`Y]h`Y`b`j`cb`9i`fc`g`h`U`h"

8YhU]`g	
C`f`h	F`c`h`ſ`ž`@`I`Ya`Vi`f[
E`i`Y``Y`b	<ul style="list-style-type: none"> <li>• k`k`k`"hU[`Y`V`U`h`h" `i</li> <li>• XY"a`"k`_]`d`Y`X]U"cf[</li> <li>• YWYi`f`c`d`U"Yi</li> </ul>

6Ygi`W`Y`b`G]Y`i`bg`U`i`Z`b`U[`!`V`U`m`Y`f`b`"XY