



SOSS1000

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7 ci fgY`Cj Yfj]Yk

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8]UbU`DYfWY	X]UbU"dYfWY4 i bgk "YXi "Ui	D`YUgY`Ya U]`hc UffUb[Y`Ub Uddc]b]a YbH	A cfj Yb`6fck b7 C Z]W`% ,	7cbHJW]j]U HYUa g

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d\cbY. '\$&-' ,)`% \$+

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhr`*`

Gi a a UfmicZhY'7 ci fgY

H\]g`Wci fgY`YI d`cfYg`hY`bUhi fY`cZhY`Udd`]YX`gcWU`gWYbWVg`UbX`dfcj`]XYg`]bZcfa`Uhc`b`UVci`h\ck`gcWU`gWYbWV`Wb`VY`Udd`]YX`hc`fYU`k`cfX`dfcV`Ya`g`"Mci`k`j`"VY`]bhfXi`WX`hc`]XYUg`UVci`h`hY`fc`Y`UbX`i`gY`cZ`Yj`]XYbW`]b`XYW]g]cb!a`U_]b[`UbX`dc`]Wm`a`U_]b[`Uh`c`WU`z`b`Uhc`b`U`UbX`]b`h`fb`Uhc`b`U`"Yj`Y`g`"K`Y`U`gc`]bj`Y`gh[`UhY`ck`dc`]Wm]g`XYj`Y`cd`YX`z`W`Ub[`YX`z`]a`d`Ya`Y`b`h`X`UbX`Yj`U`i`Uh`X`]b`Udd`]YX`gcWU`gWYbWV`Xca`U]bg`gi`VX`Ug`gcWU`dc`]Wm`z`di`V`]Wdc`]Wm`z`W]a`]bU`↑`gh]W`UbX`gcWU`k`cf`"K`Y`k`j`"U`gc`X]gW`gg`h`Y`dfUW]WU`z`dc`]h]WU`UbX`Y`h]WU`dfcV`Ya`g`Y`b`Wci`b`h`fYX`]b`h`Y`Wci`a`i`b]W]h]cb`cZ`fYgYUfW`UbX`YI`dY`fh]gY`hc`]bZcfa`dc`]Wm`UbX`gcWU`W`Ub[`Y"

H\Y`Wci fgY`]bhfXi`W`g`gh`XYbhr`hc`_Ym]XYUg`z`XYV`UhY`g`UbX`]ggi`Y`g`k`]h]b`h`Y`gcWU`gWYbWV`g`]b`fY`Uh]cbg\`d`hc`dc`]Wm`UbX`dfUW]WU`"K`Y`XYj`Y`cd`_Y`m]ghfU`h[`]Yg`UbX`g_]`g`h`Uh]gh`XYbhr`Wb`Udd`m]tc`dU`fh]W`Uf`UfYUg`cZ`Ya`d`cma`Y`bh]b`h`Y`_Y`m]UfYUg`cZ`di`V`]WUbX`gcWU`dc`]Wm`z`gcWU`k`cf`_`UbX`W]a`]bU`↑`gh]W`"5`gYf]Yg`cZ`fYU`k`cfX`dc`]Wm]WUg`Y`gh`X]Yg`\`][`\`][`\`h]b[`W`ffY`bh`fYgYUfW`k`j`"VY`i`gYX`hc`]i`ghfU`h`h`Y`Wci`bbY`W]h]cbg`VY`h`Y`b`dc`]Wm`z`dfUW]WU`UbX`W`ffY`bh`XYV`UhY`g"

7 ci fgY`@YUfb]b[`Ci`hWci`a`Yg

%`5`dd`m`Wci`b]h]`Y`g_]`g`hc`fYj`]Yk`z`Ub`U`mgY`z`Wci`bgc`]X`UhY`UbX`gmb`h`Yg]gY`_bck`YX[`Y`dY`fh]b`Y`bh`hc`Udd`]YX`gcWU`gWYbWV`X]gW]d`]bYg`gi`VX`Ug`GcWU`F`YgYUfW`UbX`Dc`]Wm`z`7`f]a`]bc`c[`m`UbX`GcWU`K`cf`_`&`8`Ya`cb`ghfU`h`Ub`UV`]m]tc`UX`Udh`UbX`i`gY`X]gW]d`]bUfm`_bck`YX[`Y`UbX`fYgYUfW`g_]`g`]b`Udd`]YX`gcWU`gWYbWV`Wci`bh]l`hg`" `I`gY`]b]h]U`h]`Y`UbX`↑`X[`Ya`Y`bh]b`Udd`]YX`gW`c`Uf`g\`d`]b`GcWU`F`YgYUfW`UbX`Dc`]Wm`z`7`f]a`]bc`c[`m`UbX`GcWU`K`cf`_`(` `b`h`f`d`f`Y`h`UbX`Wci`a`i`b]W]hY`fYgYUfW`z]bX]b[`g`hc`X]ZY`fY`bh`Ui`X]Y`b`W`g`Udd`]WU`V`Y`hc`h`Y`Udd`]YX`gcWU`gWYbWV`g`

HYUWX]b[`GhFUH[`]Yg`

K`Y`g`YY`I`BGK`gh`XY`bh`Y`Ufb`Y`fg`Ug`d`U`fh]W]d`Ub`hr`]b`h`Y`dfc`Xi`W]cb`c`Z`_bck`YX[`Y`UbX`k`Y`di`fgi`Y`h`Y`]a`d`Ya`Y`b`h]h]cb`c`Z`U`W`ff]W`i`a`fYg`d`cbg]j`Y`hc`Y`UWX`gh`XY`b`hr`]b`X]j`]Xi`U`b`YY`Xg`"H\Y`XYg][`b`c`Z`h]g`Wci`fgY`]g`a`ch]j`UhY`X`Vm]U`XYg]fY`hc`z`c`gh`f`h`Y`g_]`g`cZ]b`XY`d`Y`b`XY`bh`Y`Ufb]b[`UbX`W]h]WU`h]b_]b[`"

H\Y`fY`UfY`h`fY`a`U]b`md`Yg`cZ`ghfi`W`h`fYX`Y`Ufb]b[`UW]j`]m]b`h]g`Wci`fgY`z`gi`dd`Ya`Y`bh]b[`]b`XY`d`Y`b`XY`bh`gh`X`m]ffY`UX]b[`z`bc`h`!`h]_]b[`z`fYgYUfW`k`%`:@`9`7`HI`F`9`G`H\]g`Wci fgY`Wci]b]g]h]g`cZ`k`YY`_m]Uf[`Y![`fci`d`Y`W`h`fYg`z`k`\]W`a`Um]b`W`h`XY`h`Y`dfYg`Y`b`h]h]cb`c`Zj`]XY`c`W]d]g`z`[`fci`d`UW]j`]h]Yg`UbX`[`fci`d`X]gW`gg]cbg`"H\Y`Y`W`h`fYg`UfY`XYg][`bYX`hc`VY`d`U`fh]W]d`U`h`fm`UbX`Y`b[`U[`]b[`gi`dd`Ya`Y`bh]b[`]b`XY`d`Y`b`XY`bh]gh`X`m]b`h`Y`Wci`fgY`h`Uh`Y`b`Wci`fU[`Yg`W`cgY`Y`b[`U[`Ya`Y`bhk`]h`k`YY`_m`fYUX]b[`g`"&`"HI`HC`F`-5`@G`Hi`hc]f]U`g`U`ck`gh`XY`b`hr`]b`X]gW`gg`h`Y`c`fY`h]WU`Udd`f`c`UWX`Y`g`z`Ug`_`ei`Y`gh]cbg`z`Z`f`h`Y`f`]b`h`ff`c[`UhY`Wci`b`W`d`hr`UbX`]ggi`Y`g`Uf]g]b[`Z`ca`h`Y`f`]b`XY`d`Y`b`XY`bh]gh`X`m]Hi`hc]f]U`g`U`gc`dfc]j`]XY`gh`XY`b`hr`]k`]h`h`Y`c`d`d`c`f`h`b]m]tc`

Yb[U[Y]b' d'fcXi Wñj Y'X]gW gg]cb'k]h' h\Y]f'dYYfg'UbX'hc' d'Ufh]W]dUHY']b'U'fUb[Y'cZgfi Wñi fYX'YUfb]b[
UWñj]ñYgž]bWñ X]b['[fci d#dU]f#]bX]j]Xi U'UbU'ntñ]Wñ'k cf_žZcfa U'UbX']bZcfa U'XYVUH'gžei]nnYg'UbX'a]b!
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' "'B89D9B89BH'@95F B Æ; '57 H ð ð H ð G

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ZcghYf']bXYdYbXYbhgh X'mUbX'hc'U'ck'Zcf'Yb[U[Ya Ybhk]h'X]ZYfYbh]Ug_g'h\UhW]bbchVY'i bXYfU_Yb']b'U
h'hc]U'Ybj]fcba Ybñžgi W\Ug'WcbXi Wñb['cb']bY'fYgYUfW'cf'k UH\X]b['U'Z'a "'Gh'XYbñg'k]''U'gc'i bXYfU_Y
Z]Y'Xk cf_VmicVgYfj]b['UbX'fYdcfñ]b['cb'fYU!']Z'dc'Wñia U_]b["'5Wñj]ñYg'UfY'k]''VY'YI d'U]bYX'UbX'k]'
a cghmVY'ZUW]ñ]UHYX'Vmih'Y'I b]j Yfg]m@YUfb]b['A UbU[Ya YbhGmñYa "'

5ggYgga Ybh

D`YUgY'gYY`A ccX`Y`Zcf`XYHJ`YX`UggYgga Ybh]bZcfa UH]cbž]bWl X]b[`ia Uf_]b[`Wf]Hf]U"

5ggYgga YbhHUg_g

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Gh XYbH]gi Va]hU`g\cfhYggUmicZ%ž&\$\$`k cfXg`cb`hY`WcbHf]bhcZ`hY`Z]fghgYhicZ`YWHf`fYg`"H\]g`YggUm U`ck`g`gh`XYbH]`tc`Yl`d`cfY`hY`]ggi`Yg`]b[`fYUHf`XYHJ]"

Gh XYbH]k]`VY`dfcj]XYX`k]h`k`f]Hf]b`ZYXVUW`U`cb[g]XY`U`a`Uf_]b[`fi`Vf]Wcb`hY]f`gi Va]Hf]X`k`cf_" 5ggYgga YbH]k]`VY`a`Uf_`YX`UbX`fYh`fbYX`k]h]b`%\$`k`cf_]b[`XUmg"

5XX]h]cbU`XYHJ]`g.

9ggUmei Ygh]cbg:k]`VY`dcghYX`cb`A`ccX`Y"

Hi fb]h]b`gYH]b[.`H\]g`Ugg][ba Ybh]g`gi Va]Hf]X`h`fci [\`Hi fb]h]b`UbX`gh XYbH]Xc`bchgYY`Hi fb]h]b`g]a]Uf]mifYdcfh]"

5ggYgga Ybh&` :]Y`Xk cf_`F Ydcfh

@Yb[h. `*`\$\$`k cfXg

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Gh XYbH]gi Va]hU`*`\$\$`k`cfX`Z]Y`Xk`cf_`fYdcfh`"H\]g`]g`XcbY`UZf]k`UHf]b[`U`cW`[`cj`Yfba`Ybha`YYH]b[fY]hYf`]b`dYfgcb`cf`cb`]bYŁ`UbX`UbU`mg]b[`hY`dfcWYX]b[g`"H\Y`fYdcfhk]`U`ck`gh`XYbH]`tc`Udd`m`hY`hYcfm`YUfbh]b`hY`Wci`fgy`tc`hY`fYU`k`cfX`cZdc`]Wma`U_]b["Gh XYbH]k]`VY`dfcj]XYX`k]h`k`f]Hf]b`ZYXVUW`U`cb[g]XY`U`a`Uf_]b[`fi`Vf]Wcb`hY]f`gi Va]Hf]X`k`cf_"`5ggYgga YbH]k]`VY`a`Uf_`YX`UbX`fYh`fbYX`k]h]b`%\$`k`cf_]b[`XUmg"

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⊖gffi W]cbg`Zcf`hY`Z]Y`Xk cf_`hUg_`k]`VY`dfcj]XYX`]b`WUgg`UbX`cb`A`ccX`Y"

Hi`fb]h]b`gYH]b[. `H\]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[\`Hi`fb]h]b`UbX`ghi`XYbhg`Xc`bchgYY`Hi`fb]h]b`g]a`]Uf]mifYdcftrg"

5ggYgga`Ybh`. `A`U`cf`9ggUm

GhUfhXUH. `Bch5dd`]WUV`Y

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Gh`XYbhgi`Va`]hU`cb[`YggUmicZ&ž&\$`k`cfXg" `9ggUmei`Ygh]cbg`k]`VY`a`UXY`Uj`U]`UV`Y`]b`WUgg`UbX`cb`]bY" `H\]g`YggUmU`ck`g`gh`XYbhg`h`c`YI`d`cfY`_Ym]ggi`Yg`]b`[`fYUHf`XYHJ]"

Gh`XYbhg`k]`VY`dfcj]XYX`k]h`k`f]hYb`ZYXVUW_`U`cb[`g]XY`U`a`Uf_]b[`fi`Vf]Wcb`hY]f`gi`Va`]hYX`k`cf_"

5ggYgga`Ybhg`k]`VY`a`Uf`_YX`UbX`fYh`fbYX`k]h]b`%\$`k`cf_]b[`XUmrg"

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9ggUmei`Ygh]cbg`k]`VY`Uj`U]`UV`Y`cb`A`ccX`Y"

Hi`fb]h]b`gYH]b[. `H\]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[\`Hi`fb]h]b`UbX`ghi`XYbhg`Xc`bchgYY`Hi`fb]h]b`g]a`]Uf]mifYdcftrg"

F Ygci fWg

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≠Zmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hmc' f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfh'cb'- ' ,) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'hgi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY' , .\$Ua '—%\$. \$\$da 'cb'k YY_XUmg'UbX'-. .\$Ua '—) . \$\$da 'cb'k YY_YbXg'f1 *) 'XUmg'U'm'UfL" ≠Zmci
UfY'i bUV'Y'hc'gi Va]hmc' f'Ugg][ba YbhiXi Y'hc'U'Zi 'hk]H'Hi fb]h]b'mci 'a UmiUdd'm'Z'f'Ub'YI HYbg]cbž'Vi hmc' i
a i ghfYH]b'mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfh'fU'cb['k]H'UbmicH'Yf'fY'Y] UbhXcW a Yb'gk'hc

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wñ
- VY'Uk UfY'cZñY'ghUbXUfXg'cZVY\Uj]ci f'YI dYWñX'cZYj YfñcbY']b'ñY'I BGK 'Wc a i b]j

5 WUXYa]WbZcfa Uh]cb

: cfYggYbh]U`gh XYbh]bZcfa Uh]cb fY`Uh]b[`tc.

- fYei Yghg`Zcf`YI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
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- I BGK `<YU`h`UbX`GUZYmidc`]WYg/
- YI Ua]bUh]cb`dfcWYXi fYg/
- gdYW]U`Wc]bg]XYfUh]cb`]b`hY`Yj YbhicZ]`bYgg`cf`a]gUXj Ybh fY/
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⇒ U[Y`7 fYX]h

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? Ybg]b[hcb`W]a`di`g`]g`cW]hYX"