



# SOSS1000

Dc`jWnUbX`GcWYm

HYfa`Hk c`#`&\$&%

GWXcc`cZGcWJU`GWYbWg`#`I BGK`5fhgž8 Ygll b /`5fWx jhYWh FY

7 ci fgY`Cj Yfj ]Yk

GHJZ`7 cbHJW`8YHJ]`g

7 cbj Yfbcffg



7 ci fgY'8YHJ]`g

7 fYX]hDc]bHg`\*`

Gi a a UfmicZhY'7 ci fgY

H\]g`Wci fgY`YI d`cfYg`hY`bUhi fY`cZhY`Udd`]YX`gcW]U`gW]YbW]g`UbX`dfcj`]XYg`]bZc`fa`U]cb`UVci`h\ck`gcW]U`gW]YbW]`W]b`VY`Udd`]YX`hc`fYU`k`cfX`dfcV`Ya`g`"Mci`k`j`"VY`]b]fcXi`W]X`hc`]XYUg`UVci`h\hY`fc`Y`UbX`i`gY`cZ`Yj`]XYbW]`]b`XYW]g]cb]a`U\_]b[`UbX`dc`]W]a`U\_]b[`Uh`cW]z`bU]cbU`UbX`]b]f]bU]cbU`"Yj`Y`g`"K`Y`U`gc`]bj`Ygh[`U]Y`\ck`dc`]W]g`XYj`Y`cd`YXz`W]Ub[`YXz`]a`d`Ya`Yb]hY`UbX`Yj`U`i`U]hY`]b`Udd`]YX`gcW]U`gW]YbW]`Xca`U]bg`gi`W]`Ug`gcW]U`dc`]W]z`di`V`]W]dc`]W]z`W]a`]bU`↑`gh]W]`UbX`gcW]U`k`cf`"K`Y`k`j`"U`gc`X]gW`gg`hY`dfU]W]W]z`dc`]h]W]`UbX`Yh]W]`dfcV`Ya`g`Yb`Wci`b]hY`fYX`]b`hY`Wci`a`i`b]W]h]cb`cZ`fYgYUfW]`UbX`YI`dYf]h]gY`hc`]bZc`fa`dc`]W]i`UbX`gcW]U`W]Ub[`Y`"

H\Y`Wci fgY`]b]fcXi`W]g`gh`XYbHg`hc`\_Ym]XYUgZ`XYVU]hY`g`UbX`]ggi`Yg`k`]h]b`hY`gcW]U`gW]YbW]g`]b`fY`U]h]cbg\`d`hc`dc`]W]i`UbX`dfU]W]W]`"K`Y`XYj`Y`cd`\_Ym]ghfU]hY`[`]Yg`UbX`g\_]`g`h`U]h]gh`XYbHg`W]b`Udd`m]tc`dU]f]W]`Uf`UfYUg`cZ`Ya`d`cma`Ybh]b`hY`\_Ym]UfYUg`cZ`di`V`]W]UbX`gcW]U`dc`]W]z`gcW]U`k`cf`\_`UbX`W]a`]bU`↑`gh]W]`"5`gYf]Yg`cZ`fYU`k`cfX`dc`]W]i`W]UgY`gh`X]Yg`\`][`\`][`\]b[`W`ffYbh]fYgYUfW]`k`j`"VY`i`gYX`hc`]`i`ghfU]hY`hY`Wci`bbYW]h]cbg`VY`h`Y`b`dc`]W]z`dfU]W]W]`UbX`W`ffYbh]XYVU]hY`g`"

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

%`5`dd`m]Wci`b]h]Y`g\_]`g`hc`fYj`]Yk`z`UbU`mgYz`Wci`bgc`]XU]hY`UbX`gmb]hYg]gY`\_bck`YX[`Y`dYf]h]bYbh]tc`Udd`]YX`gcW]U`gW]YbW]`X]gW]d`]bYg`gi`W]`Ug`GcW]U`F`YgYUfW]`UbX`Dc`]W]z`7`f]a`]bc`c[`m]UbX`GcW]U`K`cf`\_`&`8`Ya`cbg]fU]hY`Ub`UV]`]m]tc`UXUdh]UbX`i`gY`X]gW]d`]bUfm`\_bck`YX[`Y`UbX`fYgYUfW]`g\_]`g`]b`Udd`]YX`gcW]U`gW]YbW]`Wci`b]h]h]g`" `I`gY`]b]h]U]h]Y`UbX`↑`X[`Ya`Ybh]b`Udd`]YX`gW]c`Uf]g\`d`]b`GcW]U`F`YgYUfW]`UbX`Dc`]W]z`7`f]a`]bc`c[`m]UbX`GcW]U`K`cf`\_`(` `b]hY`dfYh]UbX`Wci`a`a`i`b]W]U]hY`fYgYUfW]`z]bX]b[`g`hc`X]ZY`fYbh]Ui`X]YbW]g`Udd`]W]U]Y`hc`hY`Udd`]YX`gcW]U`gW]YbW]g`"

HYUWX]b[`G]h]fU]hY`[`]Yg`

K`Y`gY]Y`I`BGK`gh`XYbh]YUfb]Yfg`Ug`dU]f]h]W]d]UbHg`]b`hY`dfcXi`W]cb`cZ`\_bck`YX[`Y`UbX`k`Y`di`f]gi`Y`hY`]a`d`Ya`Yb]h]h]cb`cZ`U`W`ff]W]`i`a`fYgdc]bg]j`Y`hc`YUWX`gh`XYb]h]g`]bX]j`]Xi`U`bY]YXg`"H\Y`XYg][`b`cZ`h]g`Wci`fgY`]g`a`ch]j`U]hY`X`V]m]U`XYg]fY`hc`Zc]gh]f`hY`g\_]`g`cZ]bXYdYbXYbh]YUfb]b[`UbX`W]h]W]`h]b\_]b[`"

H\YfY`UfY`h]fY]`a`U]b`h]m]dYg`cZ`g]f]i`W]i`fYX`Y`Ufb]b[`U]W]h]j`]m]b`h]g]Wci`fgYz`gi`dd`Ya`Ybh]b[`]bXYdYbXYbh`gh`Xm]ffYUX]b[`z`bch]!`h]U\_]b[`z`fYgYUfW]k`%`:@7`HI`F`9G`H\]g`Wci fgY`Wci`bg]g]h]cZk`YY`\_m]Uf[`Y![`fci`d`Y`W]i`fYg`z`k`\]W]`a`Um]b]W]i`XY`hY`dfYgYb]h]h]cb`cZ]`]XYc`W]d]gZ`[`fci`d`U]W]h]j`]h]Yg`UbX`[`fci`d`X]gW`gg]cbg`"H\Y`Y`W]i`fYg`UfY`XYg][`bYX`hc`VY`dU]f]h]W]d]U]h]c]fm]UbX`Yb[`U[`]b[`]gi`dd`Ya`Ybh]b[`]bXYdYbXYbh]gh]Xm]b`hY`Wci`fgY`h]U]h]Yb]Wci`fU[`Yg`Wc]gY`Yb[`U[`]Ya`Ybh]k`]h]k`YY`\_m`fYUX]b[`]g`"&`"HI`HC`F`-5`@G`Hi`hc]f]U]g`U`ck`gh`XYb]h]g`hc`X]gW`gg`h]Yc]fY]h]W]i`Udd]fc]UWX]Yg]z`Ug`\_`ei`Ygh]cbg]z`Z`f]h]Yf]b]h]ff]c[`U]hY`Wci`bW]d]hg`UbX`]ggi`Yg`Uf]g]b[`]Z`ca`h]Y]f`]bXYdYbXYbh]gh]Xm]`Hi`hc]f]U]g`U`gc`dfc]j`]XY`gh`XYb]h]g`k`]h`hY`cdd]c]f]i`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'cZghfi 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!  
dfc'YWñg"

' "'B89D9B89BH'@95F B Æ; '57 H ð ð H ð G

ÆXYdYbXYbh'YUfb]b[ 'UWñj ]ñYg'a i ghVY'Wca d'YHYX'YUW'k YY\_"H\Y'YUfb]b[ 'UWñj ]ñYg'UfY'XYg][ bYX'hc  
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  
ZY'Xk cf\_VmicVgYfj ]b[ 'UbX'fYdcfñ]b[ 'cb'fYU'!'ZY'dc'Wñia U\_]b[ "'5Wñj ]ñYg'UfY'k ]''VY'YI d'U]bYX'UbX'k ]'  
a cghmVY'ZUW]ñ]UH'X'Vmih'Y'I b]j Yfg]m@YUfb]b[ 'A UbU[ Ya YbhGmñY'a "'

# 5ggYgga Ybh

D`YUgY'gYY'A ccX'Y'Zc'f'XYHJ]YX'UggYgga Ybh]bZc'fa UH]cbZ']bWl X]b[ 'a Uf\_]b[ 'W]Hf]U"

## 5ggYgga YbhHUg\_g

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UHf	Gh XYbh@YUfb]b[ Ci Ht'a Yg'5ggYggYX
A ]bcf'9ggUmi	' \$l	&) # \$ * # & \$ & % \$ ) . \$ \$ ' DA	%ž'
: ]Y'Xk cf_'F Ydcfhi	&\$l	%* # \$ + # & \$ & % \$ ) . \$ \$ ' DA	&ž'
A U'cf'9ggUmi	) \$l	\$- # \$ , # & \$ & % \$ ) . \$ \$ ' DA	&ž(

## 5ggYgga Ybh'8YHJ]`g

5ggYgga Ybh% 'A ]bcf'9ggUm

GhUfhXUHf. 'Bch5dd']WUV'Y

@Yb[ h. '%ž&\$\$'k cfXg

8YHJ]`g.

Gh XYbtg'gi Va ]hU'g\cfhYggUmicZ%ž&\$\$'k cfXg'cb'h'Y'Wc'bh'Y'bhicZ'h'Y'Z]fghigYhicZ'Y'W'h'fYg'"H\]g'YggUm  
U`ck'g'ghi XYbtg'hc'Yl'd'cfY'h'Y']ggi Yg'jb[ 'fYUHf'f'XYHJ]"

Gh XYbtg'k ]`VY'dfcj ]XYX'k ]h'k'f]h'Y'b'Z'Y'X'V'U'W'U'cb[ g]XY'U'a Uf\_]b[ 'fi V]f]Wc'b'h'Y]f'gi Va ]h'Y'X'k'cf\_"  
5ggYgga Ybtg'k ]`VY'a Uf\_'YX'UbX'fYh'fbYX'k ]h]b'%\$'k'cf\_]b[ 'XUm"

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

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

Hi fb]h]b'gYH]b[ . '

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

⊖gfifi 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`]h]X`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

GhUfhXUHy`. `Bch5dd`]WUV`Y

@Yb[`h`. `&ž&\$`\$

8YHJ]`g.

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`[`fYUHyf`XYHJ]"

Gh`XYbhg`k ]`VY`dfcj ]XYX`k ]h`k`f]h]b`Z]YXVUW\_`U`cb[`g]XY`U`a`Uf\_]b[`fi`Vf]Wcb`h]Y]f`gi`Va`]h]X`k`cf\_"

5ggYgga`Ybhg`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`Uj`U]UV`Y`cb`A`ccX`Y"

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



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

5`fYUX]b[ g`k ]`VY`Uj U]UV`Y`X][ ]H`mj ]U`@Y[ Ubhc`zk \]W`g`UWYgg]V`Y`i`g]b[ `mci`f`I`BGK` ]VfUfm`c[ ]b`  
H\Y` ]b\_`Wb`VY`Zci`bX` ]b`A`ccX`Y`"

F YWta a YbXYX`F Ygci fWg

F YWta a YbXYX`fYUX]b[ g`k ]`VY`Uj U]UV`Y`X][ ]H`mj ]U`@Y[ Ubhc`"

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

K`Y`i`gY`mci`f`ZYYXVUW`\_`hc`i`dXUH`Y`ci`f`YW`h`fY`hc`d]Wg`ž`fYUX]b[ g`ž`h` hc`f]U`Z`c`fa`Uh`UbX`UggYgga`Yb`f`g`"Mci`f`  
ZYYXVUW`\_`k` ]`VY`gci` [ `ha` ]X`h`f`a` `UbX`U`gc`U`h`h`Y`YbX`c`Z`h`f`a` ž`j` ]U`U`b`c`b`m`a` c`i`g`g`i`f`j`Y`m`g`"





## 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'Wcdmf][ \hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'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 'Wñ a i b]j

## 5 WUXYa ]WbZcfa Uh]cb

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

- fYei Yghg`Zcf`YI H`bg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZYmidc`]WYg/
- YI Ua ]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhicZ]`bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]m]UbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa ]W]bZcfa Uh]cbz`gYY

[\ftdg.#k k k "Uftg"i bgk "YXi "Ui #W ffYbh\]gh XYbh\]UWUXYa \]W\]bZcfa Uh\]cb#dfchW`g!\[ i \]XY`\]bYg#](#)

⇒ U[ Y`7 fYX]h

DUf]Ua YbhUfm]f]Ub[ `Yz`7 UbVYffU" D\cfc `Vm]8 `DYfWXY

7F ⇒ CG

7F ⇒ CG `Dfcj ]XYf`7 cXY. \$\$\$- , ;

5W\_bck `YX[ Ya YbhicZ`7 ci bhfm

K Y`UW\_bck `YX[ Y`hY`6YXY[ U`dYcd`Y`k `c`UfY`hY`fUX]h]cbU`W`ghcX]Ubg`cZ`hY`UbXg`cb`k `]W`I BGK  
? Ybg]b[ hcb`W]a di g`]g`cW]hYX"