



# SOSS1000

Dc`jWnUbX`GcWYm

HYfa`Cby`#`&\$&%

GWXcc`cZGcWJU`GWYbWg`#`1 BGK`5ftg`UbX`GcWU`GWYbWg

7 ci fgY`Cj Yfj ]Yk

GHJZ7 cbHJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a U]	5j U]UV] ]m	@cW]hcb	D\cbY
8]UbU`DYfWY	X]UbU"dYfWY4 i bgk "YXi "Ui	D`YUgY`Ya U]`hc UffUb[ Y`Ub Uddc]bha Ybh	A cfj Yb`6fck bž C Z]W`% ,	7 cbHJW]j ]U HYUa g

@YW]i fYfg

B Ua Y	9a U]	5j U]UV] ]m	@cW]hcb	D\cbY
5`]gcb`K UbbUb	U"k UbbUb4 i bgk "YXi "Ui	D`YUgY`Ya U]`hc UffUb[ Y`Ub Uddc]bha Ybh		

GW`cc``7 cbHJW]i`bZcfa Uh]cb

GW`cc``cZGcW]U`GW]ybWg

F cca`%) -

A cfj Yb`6fck b`7 &\$

Ya U]`.gcbg4 i bgk "YXi "Ui

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

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhr`\*`

Gi a a UfmicZ`h`Y'7 ci fgY

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

H`Y`Wci fgY`]b]fcXi`W]g`gh`XYb]h]h`c`\_Ym]XYUg`z`XYVU]h]g`UbX`]g]gi`Yg`k`]h]b`h`Y`gcW]U`gW]YbW]g`]b`fY`U]h]cbg]d`]h`c`dc`]W]h]UbX`dfU]W]W]`"K`Y`XYj`Y`cd`\_Ym]gh]fU]h]`[`]Yg`UbX`g\_]`g`h`U]h]gh`XYb]h]`W]b`Udd`m]h`c`dU]h]W]`Uf`UfYUg`cZ`Ya`d`c]m]a`Yb]h]b`h`Y`\_Ym]UfYUg`cZ`di`V`]W]UbX`gcW]U`dc`]W]z`gcW]U`k`cf`\_`UbX`W]a`]bU`"g]h]W]`"5`gYf]Yg`cZ`fYU`k`cfX`dc`]W]h]W]Ug`Y`gh`X]Yg`"[]`[]`[]`b[`W`ffYb]h]fYgYUfW]`k`j`"VY`i`gYX`h`c`]`i`gh]fU]h]h`Y`Wci`bbYW]h]cbg`VY`h`Y`Yb`dc`]W]z`dfU]W]W]`UbX`W`ffYb]h]XYVU]h]g`"

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

%`5`dd`m]Wci`b]h]j`Y`g\_]`g`h`c`fYj`]Yk`z`UbU`mgY`z`Wci`bgc`]XU]h`UbX`gmb]h]Yg]gY`\_bck`YX[`Y`dYf]h]b]Yb]h]c`Udd`]YX`gcW]U`gW]YbW]`X]g]W]d`]bYg`gi`W]X`Ug`GcW]U`F`YgYUfW]`UbX`Dc`]W]z`7`f]a`]b]c`c[`m]UbX`GcW]U`K`cf`\_`&`8`Ya`cb]gh]fU]h]`Ub`UV]`]m]h`c`UXUdh]UbX`i`gY`X]g]W]d`]bUfm`\_bck`YX[`Y`UbX`fYgYUfW]`g\_]`g`]b`Udd`]YX`gcW]U`gW]YbW]`Wci`b]h]i`h]g`" `I`gY`]b]h]U]h]j`Y`UbX`"X[`Ya`Yb]h]b`Udd`]YX`g]W]c`Uf]g]d`]b`GcW]U`F`YgYUfW]`UbX`Dc`]W]z`7`f]a`]b]c`c[`m]UbX`GcW]U`K`cf`\_`(`"b]h]f]d]fY]h]UbX`Wci`a`a`i`b]W]U]h]fYgYUfW]`z]b]X]b[`g`h`c`X]Z]Yf]b]h]U]i`X]YbW]g`Udd`]W]U]V`Y`h`c`h`Y`Udd`]YX`gcW]U`gW]YbW]g`"

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

K`Y`gY]Y`I`B`G`K`gh`XYb]h]YUfb]Yfg`Ug`dU]h]W]d]Ub]h]g`]b`h`Y`dfcXi`W]h]cb`cZ`\_bck`YX[`Y`UbX`k`Y`di`f]gi`Y`h`Y`]a`d`Ya`Yb]h]h]cb`cZ`U`W`ff]W]`i`a`fYg]d]cb]g]j`Y`h`c`YUWX`gh`XYb]h]g`]b]X]j`]Xi`U`b]Y]Y]X]g`"H`Y`XYg][`b`cZ`h]g]Wci`fgY`]g]a`ch]j`U]h]X`V]m]U`XYg]fY`h`c`z`c]gh]f`h`Y`g\_]`g`cZ]b]X]Y`d]Y`b]X]Y`b]h]Y`Ufb]b[`UbX`W]h]W]`h]b\_]b[`"

H`Y`fY`UfY`h`fY]`a`U]b`h]m]d]Yg`cZ`g]h]f]i`W]h]fYX`Y`Ufb]b[`U]W]h]j`]m]b]h]g]Wci`fgY`z`gi`dd`Ya`Yb]h]b[`]b]X]Y`d]Y`b]X]Y`b]h]gh`Xm]ffYU]X]b[`z`b]c]h]!`h]U\_]b[`z`fYgYUfW]k`%`" @97HI`F`9G`H\]g`Wci fgY`Wci]b]g]g]h]cZk`YY`\_m]Uf[`YI[`fci`d`Y`W]h]fYg`z`k`[]`W]X`a`Um]b]W]h]XY`h`Y`dfYgYb]h]h]cb`cZ]`]XYc`W]d]g]z`[`fci`d`U]W]h]j`]h]Yg`UbX`[`fci`d`X]g]W`gg]cb]g`"H`Y`Y`W]h]fYg`UfY`XYg][`b]Y]X`h`c`VY`dU]h]W]d]U]h]c]fm]UbX`Yb[`U[`]b[`]gi`dd`Ya`Yb]h]b[`]b]X]Y`d]Y`b]X]Y`b]h]gh]Xm]b]h`Y`Wci`fgY`h`U]h]Yb]Wci`fU[`Yg`W]c]g]Y`Yb[`U[`]Ya`Yb]h]k`]h`k`YY`\_m`fYU]X]b[`]g`"&`"HI`HC`F`-5`@G`Hi`h`c]f]U]g`U`c]k`gh`XYb]h]h`c`X]g]W`gg`h`Y`c]f]Y]h]W]U`Udd]f]c]U]W]X]g]z`U]g`\_`ei`Y]g]h]cb]g]z`Z`f]h]Y]f]b]h]f]f]c[`U]h]`Wci`b]W]d]h]g`UbX`]g]gi`Yg`Uf]g]b[`]Z]c]a`h`Y]f`]b]X]Y`d]Y`b]X]Y`b]h]gh]Xm]`Hi`h`c]f]U]g`U`gc`dfc]j`]XY`gh`XYb]h]g`k`]h`h`Y`c]d]d]c]f]h]b]m]h]c`"

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'nt]WU'k cf\_žZcfa U'UbX' ]bZcfa U'XYVUH'gžei ]nnYg'UbX'a ]b]!  
dfc'YWñg"

' "'B89D9B89BH'@95F B B; '57 Hñ ÷HñG

ñXYdYbXYbh'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 "'Gñ XYbñg'k ]''U'gc'i bXYfU\_Y  
ZY'Xk cf\_VmicVgYfj ]b[ 'UbX'fYdcfh]b[ 'cb'fYU'!'ZY'dc'Wñia U\_]b[ "'5Wñj ]ñYg'UfY'k ]''VY'YI d'U]bYX'UbX'k ]'  
a cghmVY'ZUW]ñUH'X'Vmih'Y'I b]j Yfg]mñ@YUfb]b[ 'A UbU[ Ya YbhGmñY'a "'

# 5ggYgga Ybh

D`YUgY'gYY`A ccX`Y`Zc`f`XYHJ`YX`UggYgga Ybh]bZcfa UH]cbž]bWl X]b[ `ia Uf\_]b[ `W]Hf]U"

## 5ggYgga YbhHUg\_g

5ggYgga YbhHUg_	K Y][ \h	8i Y`8UH	Gh XYbh@YUfb]b[ Ci Hwta Yg`5ggYggYX
A ]bcf`9ggUmi	' \$l	%&#\$' #&\$&%\$) . \$\$`DA	%ž'
: ]Y`Xk cf_`F Ydcfh	&\$l	\$- #\$( #&\$&%\$) . \$\$`DA	&ž'
A U`cf`9ggUmi	) \$l	' \$#( #&\$&%\$) . \$\$`DA	&ž(

## 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh%`A ]bcf`9ggUm

GHUfhXUH. `Bch5dd]WUV`Y

@Yb[ h. `%ž&\$\$`k cfXg

8YHJ]`g.

Gh XYbtg`gi Va ]hU`g\cfhYggUmicZ%ž&\$\$`k cfXg`cb`h`Y`W`b`h`b`h`c`Z`h`Y`Z]fghgYhcZ`Y`W`h`f`Y`g`"H\]g`YggUm U`ck`g`gh`XYbtg`tc`Yl`d`cf`h`Y`]ggi`Yg`]b[ `f`Y`U`H`f`X`Y`H`J`"

Gh XYbtg`k ]`V`Y`d`fc`j ]X`Y`k ]h`k`f]H`b`Z`Y`X`V`U`W`\_`U`cb[ `g]X`Y`U`a`U`f`\_]b[ `fi`V`f]W`c`b`h`Y`f`gi`Va`]H`X`k`cf`\_"`5ggYgga`Ybtg`k ]`V`Y`a`U`f`\_`Y`X`U`b`X`f`Y`h`f`b`Y`X`k`]h`]b`%\$`k`cf`\_]b[ `X`U`mg`"

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

9ggUmei Ygh]cbg`k ]`V`Y`d`cg`h`X`c`b`A`cc`X`Y`"

Hi fb]h]b`g`Y`H]b[ .`H\]g`Ugg][`ba`Ybh]g`gi`Va`]H`X`h`f`ci`[`\`Hi`fb]h]b`U`b`X`g`h`XYbtg`X`c`b`ch`g`Y`Y`Hi`fb]h]b`g]a`]U`f]m`i`f`Y`d`c`f`g`"

5ggYgga Ybh&` : ]Y`X`k`cf`\_`F`Y`d`c`f`h`

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

8YHJ]`g.

Gh XYbtg`gi Va ]hU`\*`\$\$`k`cfX`Z]Y`X`k`cf`\_`f`Y`d`c`f`h`"H\]g`]g`X`c`b`Y`U`Z`Y`f`k`U`H`W`]b[ `U`c`W`\_`[`c`j`Y`f`b`a`Y`b`h`a`Y`Y`h]b[ `f`Y`h`Y`f`]b`d`Y`f`g`c`b`c`f`c`b`]b`Y`L`Z`U`b`X`U`b`U`mg]b[ `h`Y`d`c`W`Y`X]b[ `g`"H\Y`f`Y`d`c`f`h`k`]`U`ck`g`gh`XYbtg`tc`U`d`d`m`h`Y`h`Y`c`f`m`Y`U`f`b`h]b`h`Y`W`i`f`g`Y`tc`h`Y`f`Y`U`k`c`f`X`c`Z`d`c`]W`h`a`U\_]b[ "`Gh`XYbtg`k`]`V`Y`d`fc`j`]X`Y`k`]h`k`f]H`b`Z`Y`X`V`U`W`\_`U`cb[ `g]X`Y`U`a`U`f`\_]b[ `fi`V`f]W`c`b`h`Y`f`gi`Va`]H`X`k`cf`\_"`5ggYgga`Ybtg`k ]`V`Y`a`U`f`\_`Y`X`U`b`X`f`Y`h`f`b`Y`X`k`]h`]b`%\$`k`cf`\_]b[ `X`U`mg`"

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

⊖gfñ 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

@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`[`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"

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`]hYX`h`fci`[\`Hi`fb]h]b`UbX`ghi`XYbhg`Xc`bchgYY`Hi`fb]h]b`g]a`]Uf]mifYdcftrg"



F Ygci fWg

DfYgW]VYX F Ygci fWg



Gi Va ]gg]cb 'cZ5ggYgga YbhiHUg\_g

Hi fb]h]b 'Gi Va ]gg]cb

≠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 ghfYHU]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'Wcdmf][ \hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WWhUV'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 'Wca 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/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZYmidc`]WYg/
- YI Ua ]bUh]cb`dfcWYXi fYg/
- gdYW]U`Wcbg]XYfUh]cb`]b`hY`Yj YbhicZ]`bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]mUbX`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#dfchWc`g!\[ i \]XY`\]bYg#](#)

⇒ U[ Y`7 fYX]h

DUf]Ua YbhUfm]f]Ub[ `Yz`7 UbVYffU" D\cfc`Vm8`DYfWXY

7F ⇒ CG

7F ⇒ CG`Dfcj ]XYf`7cXY.`\$\$\$- ;

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