



SOSS3001

E i UbhjhUjhj Y'GcWjU`F YgYUfWx

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

7 ci fgY`Cj Yfj JYk

GHJZ 7 cbHJW`8YHJ`g

7 cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
7 jbxm< Ufa cb! >cbYg	W\Ufa cb!`cbYg4 i bgk "YXi "Ui	VmUddc]bha Ybh	fYa chY	

Hi hcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
9`jnUVYh Gi a a YfY`	Y"gi a a YfY`4 i bgk "YXi "Ui			
Gmj jU`< Ufa cb! >cbYg	g"\Ufa cb!`cbYg4 i bgk "YXi "Ui			

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`*`

Gi a a UfmicZ\Y'7ci fgY

Gi VYWh5fYU.'GcW]U`F YgYUfW\`UbX'Dc`]Wn

H\Y'UV]`]mhc`WcbXi W\[\`ei U`]mei Ubh]hU]j Y`fYgYUfW\`]g`U`j U`i UV`Y`g_]`Zcf`gcW]U`gWYb]g]g]UbX`Udd`]YX
gcW]U`fYgYUfW\Yfg`H\]g`Wci fgY`cZZYfg`mci`U`XYHJ]YX`]bfcXi W]cb`hc`ei Ubh]hU]j Y`fYgYUfW\`a`YhcXg`UbX
XUH`UbU`mg]g`H\Y`Z]fghdUfmcZ\Y`Wci fgY`Y`UVcfUH]g`cb`a`U`cf`hYa`Yg`]b`fYgYUfW\`XYg][`b`fY`["z
a`YUgi`f]b[`gcW]U`WcbW]d]g]gUa`d`]b[`z`XUH`Wc`YW]cbL`UbX`Wca`a`cb`WU`Yb[`Yg`fY`["z[`YbYfU`]gUV]`]mz

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
F YgYUfW'F Ydcfh	(\$i	\$* #\$, #&\$&\$ %%%\$ \$'DA	%ž ž(ž)
GHUgh]Wg'fU_Y!\ca Y'hYghg	* \$i		&ž(ž)

5ggYgga Ybh8YHU]g

5ggYgga Ybh% F YgYUfW'F Ydcfh

GHUfhXUH.

8YHU]g.

H\]g'UggYgga YbhWcbg]ghg'cZU'fYgYUfW'fYdcfhUUh]bW'XYg'U'j]fYfUhi fY'fYj]Yk ža YhlcX'XYgW]dh]cbž fYgi 'hg'dfYgYbHU]cb'UbX'XYgW]dh]cbžX]gW gg]cb'UbX'WcbW'g]cb'VUgYX'cb'hY'Wci fgY'fYgYUfW'hc d]WUbx XUHU'Wc'YWYX'Xi f]b['hY'gYa YghYf"

&ž) \$\$'k cfxg"H\]g]g'hY'Z]bU'UggYgga YbhZcf'UHfYbXUbW'di fdcgYg"

Gh XYbhg'k]'fYW]j Y'k f]hYb'ZYXVUW'UbX'U'bi a Yf]W' [fUXY'k]h]b'fk c'k YY_g'cZgi Va]gg]cb'hfci [\ hY'I b]j Yfg]mfg '@YUfb]b['A UbU[Ya YbhGmg]Ya 'f@a G'E' H\Y'ZYXVUW_g\YYhfi Vf]Wk]'VY'Uj U]UV'Y'hc gh XYbhg'Uh'hY'ghUfhcZ'hY'Wci fgY'gc'hU'hYmW]b'k cf_'hc k UfXg'gdYW]YX'ghUbXUfXg"

Hi fb]h]b'gYH]b[. H\]g'Ugg][ba Ybh]g'gi Va]hYX'hfci [\ Hi fb]h]b'UbX'gh XYbhg'WU]b'gYY'Hi fb]h]b'g)a]Uf]m fYdcfhg"

5ggYgga Ybh&. GHUgh]Wg'fU_Y!\ca Y'hYghg

GHUfhXUH.

8YHU]g.

H\]g'UggYgga Ybhk]'Wcbg]ghYbhcZci f'fU_Y!\ca Y'hYghg"9UW'cbY'k]'fYei]fY'gh XYbhg'hc'gi Va]h=6A GDGG'GHUgh]Wg'fGHUgh]W'GcZk UfY'ci hdi hdi'g %) \$'k cfxg'cb'hY'f]bhYfdYfU]cb'cZk \Uh'hY ci hdi ha YUbg"

Gh XYbhg'k]'fYW]j Y'k f]hYb'ZYXVUW'UbX'U'bi a Yf]W' [fUXY'k]h]b'fk c'k YY_g'cZgi Va]gg]cb'hfci [\ hY'I b]j Yfg]mfg '@YUfb]b['A UbU[Ya YbhGmg]Ya 'f@a G'E' H\Y'ZYXVUW_g\YYhfi Vf]Wk]'VY'Uj U]UV'Y'hc gh XYbhg'Uh'hY'ghUfhcZ'hY'Wci fgY'gc'hU'hYmW]b'k cf_'hc k UfXg'gdYW]YX'ghUbXUfXg"

5XX]h]cbU'XYHU]g.

GYY'hY'k YY_mgWXYXi 'Y'Zcf'hY'Xi Y'XUhg'cZ'hY'('hU_Y'\ca Y'h'ghg"

Hi fb]h]b'gYh]b[. 'H\]g'Ugg][ba Ybh]g'gi Va]hYX'h'fci [\ 'Hi fb]h]b'UbX'gh XYbhg'WJb'gYY'Hi fb]h]b'g)a]'Uf]m fYdcfg"

5 hYbXUbW'F Yei]fYa Ybhg

Gh XYbhg'UFY'ghfcb['mYbWci fU[YX'hc'UhhYbX'U''WUggYg'UbX'fYj]Yk ''YWhi fY'fYWcfX]b[g"

7 ci fgY'GWXYXi `Y

[J \]Yk 'WUgg'hja YhUV`Y](#)

H]a YhUV`Y`

8UhY	HmdY	7cbhYbh
K YY_ '\$. &) 'A Um! '&- A Um		
K YY_% '%>i bY!') '>i bY	@YWhi fY	!'K \Uh]g'ei Ubh]hUj] Y'fYgYUfW3 !'A YUgi f]b['gcW]U' WcbWdhg F YUX]b[. '7 \UdhYf' %
	Hi hcf]U'	!'b]fcXi W]cb'hc'GDGG !'Gi fj YmZcf'7 ci fgY'Dfc YWh
K YY_ '&. ' >i bY!' %& >i bY	@YWhi fY	!'GUa d`]b[!' ; fUd\]W'X]gd'UmcZXUfU !'F YUX]b[g. '7 \UdhYfg' &'UbX''
	Hi hcf]U'	!'C VhU]b]b['ZfYei YbWnhUV`Yg'UbX' [fUd\g
K YY_ ' ' %>i bY!' %>i bY	@YWhi fY	!'8 YgW]dhj] Y'ghU]gh]Wg !'F YUX]b[. '7 \UdhYf' (
	Hi hcf]U'	!'8 YgW]dhj] Y'ghU]gh]Wg]b'GDGG
K YY_ (. '&&'>i bY!' '&*>i bY	@YWhi fY	!'DfcVUV]]]miUbX'\mdchYg]h'Ygh]b[!'F YUX]b[. '7 \UdhYf' %\$
	Hi hcf]U'	!'8 UfU' dFYdUfU]cb'UbX'WYUb]b[
	5ggYgga Ybh	HU_Y \ca Y'hYgh. %'8 YgW]dhj] Y'ghU]gh]Wg'Xi Y': f]XUm &('>i bYž%%da
K YY_) . '&- '>i bY!' '>i `m	@YWhi fY	!'7 cffY`U]h]cb !'F YUX]b[. '7 \UdhYf' ,
	Hi hcf]U'	!'7 cbXi W]b['WcfY'U]h]cbg']b'GDGG
K YY_ * . '* '>i `m!' %\$ '>i `m		!' : 'YI]V]]]mk YY_žbc''YWhi fY'cf'h hcf]U`g
K YY_ + . '% '>i `m!' %+ '>i `m	@YWhi fY	!'7 \]!gei UFY !'F YUX]b[. '7 \UdhYf' -
	Hi hcf]U'	!'7 cbXi W]b['W]!gei UFY']b'GDGG
	5ggYgga Ybh	HU_Y \ca Y'hYgh. &'7 cffY`U]h]cb'Xi Y': f]XUm%) '>i `m

K YY_ ; . & \$ ' > i ` m ! ' & (' > i ` m	@YWh fY	! ' Gh XYbhg` hYgh ! ' F YUX]b[. ' 7 \ UdHYf)
	Hi hc f]U`	! ' 7 cbXi W]b[' hYgh]b` GDGG
	5ggYgga Ybh	HU_Y ` \ ca Y` hYgh . ' . ' 7 \]` gei UfY` Xi Y` : f]XUm&& ` > i ` m % % da
K YY_ - . & + ` > i ` m ! " % > i ` m	@YWh fY	! ' 5bU` mg]g` cZj Uf]UbW` f5BCJ 5Ł ! ' F YUX]b[. ' 7 \ UdHYf` *
	Hi hc f]U`	! ' 7 cbXi W]b[' 5BCJ 5`]b` GDGG
	5ggYgga Ybh	HU_Y ` \ ca Y` hYgh . (. hYghXi Y` : f]XUm&- ` > i ` m % % da
K YY_ % \$. " ` 5i [i gh ! + 5i [i gh	@YWh fY	! ' DU]fYX` hYgh ! ' bHYfdYh]b[` UbX` dYgYbh]b[` fYgi ` hg ! ' F YUX]b[. ' 7 \ UdHYf` +
	Hi hc f]U`	! ' 7 cbXi W]b[` dU]fYX` hYgh ! ' 5D5 ` Zcfa Uh
	5ggYgga Ybh	! ' F YgYUfW ` F Ydcfh` :]bU` dYc` YWhXi Y` H\i fgXUm * ` 5i [i gh % % da

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

? bUddž < "f&\$%+Ł" bfcXi Wc fmGHghgWg`l g]b[`GDGG`f&bX`9X]hcbŁ`H\ci gUbX`C U_gž 7 5. `GU[Y"

F YWca a YbXYX`F Ygci fWg

H\Y`Zc`ck]b[`hk c`Vcc_g`UFY`VYghY``]b[``WUgg]Wg``h UhUFY`\[`mFYWca a YbXYX`Zcf`Ubmigh XYbfg`k \c
k Ubha cfY`VUW_[fci bX`]bZca Uh]cb`cf`YI Ua d`Yg`cb`hY`ghUgh]Wg`h`Wb]ei Yg`k`Y`k`]`VY`YUfb]b[``H\Ym
Vch` \Uj`Y`a`i`h`d`Y`YX]hcbg`UbX`mci`WUbc`Zyb`Z]bX`i`gYX`Wcd]Yg`cZdfYj`]ci`g`YX]hcbg`h UhUFY`fYUgcbUV`m
df]W`X"

5bm9X]hcb`fl d`rc`hY`*`h`9X]hcb`bck`Ł`cZ>i`]Y`DU`Ubfg`GDGG`Gi`fj`]j`U`A`Ubi`U`DU`Ubhž>"f&\$%*Ł"GDGG
Gi`fj`]j`U`A`Ubi`U`A`W`fUk`!<]`9Xi`WU]hcb`fl`?`Ł"

\hdg.##k k k "U`YbUbXi`bk`]b"Wca`#/fck`gY`#/cc_g`JWUXYa`]WdfcZ]gg]cbU`#fYgYUfW!a`YhcXg#GDGGGi`fj`]j`U`!
A`Ubi`U`!>i`]Y!DU`Ubh`-`+`,`%`*`\$&-`%-`)&

5bm9X]hcb`fl d`rc`)`h`9X]hcb`bck`Ł`cZ5bXm:]Y`Xfg`8]gWcj`Yf]b[`GHghgWg`l`g]b[`GDGG. :]Y`Xž5"f&\$%+Ł"
8]gWcj`Yf]b[`GHghgWg`l`g]b[`A`GDGG`GHghgWg`GU[Y`fl`?`Ł"

\hdg.##k k k "X]gWcj`Yf]b[`ghUgh]Wg`Wca`#

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

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

≠mci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hirci f'Ugg][ba Ybhi'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'- ' ,) " ' ' %cf'Ya U] 'h'Ya 'cb'YI HYfbU'HY'gji ddcfh i bgk "YXi "Ui "'Gi ddcfh

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`i`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`V`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`i`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`i`[`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.

5 WUXYa]WbZcfa Uh]cb

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

- fYei Ygh]ZcfYI 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`dfcWYXi fYg/
- gdYW]U`Wcbg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\fdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhgh XYbh\]UWUXYa \]W\]bZcfa Uh\]cb#dfchWc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7 fYX]h

GmbYf[]Yg`]b`Gci bX`&\$%*`