



# SOCW7851

7ca a i b]mi8Yj Y`cda Ybh

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

GWXcc`cZGcWJU`GWYbWg`#`I BGK ``5ftg`UbX`GcWJU`GWYbWg

7 ci fgY`Cj Yfj ]Yk

GhJZ`7 cbhJW`8 YhJ]`g

7 cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
>cmW`K i	cmW`k i 4 i bgk "YXi "Ui	9a Uj`Zf`cb`]bY Wt bgi `hJhcb		\$( ' ( &% %) -

GW\cc``7 cbhJW`bZcfa Uhjcb

GW\cc``cZGcWjU`GWYbVWg

F cca `%) -

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

Ya Uj].`gcgg4 i bgk "YXi "Ui

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

7ci fgY'8YHJ`g

7fYX]hDc]bHg`\*`

Gi a a UfmcZ\hY'7ci fgY

I g]b[ 'U'f][ \hg'VUgYX'UddfcUWXžhY'Wđi fgY'YI Ua ]bYg'hY'bUhi fY'cZWđa a i b]mXYj Y'cda Ybh]b'Ub ]bH'fbU]cbU'UbX'bU]cbU'WđbH'I hžXfUk ]b[ 'cb'U'fUb[ Y'cZ\hYcfYh]W'UbX'WUgY'gh'Xmia UH'f]U'g'"H\Y Wđi fgY'Wđj Yfg'U'Vf]YZ\]g'cfmcZWđa a i b]mXYj Y'cda Ybh'hY'W'Ub[ ]b[ 'bUhi fY'cZWđa a i b]mik cf\_žhY WđbW'dhg'cZW'hi fY' ]b'fY'U]cb'hc'Wđa a i b]mik cf\_]b'XYj Y'cd]b[ 'gcV]Y]Ygž'UbX'hY'XmbUa ]Mg'cZ Wđa a i b]WU]cbž]bW'X]b[ 'W'cgg'W'hi fU'Wđa a i b]WU]cbž'k cf\_]b[ 'k ]h' ]bH'fdY'Yfgž'i a Ub'f][ \hg XcW'a YbH]cb'UbX'UXj cWUW'i'8 ]ZYfYbh]XY'c'c[ ]W'UddfcUWX'Yg'hc'Wđa a i b]mik cf\_'UfY'YI Ua ]bYX'UbX'Ub UbU'mg]g'cZ\hY' ]a dUW'g'UbX'ci h'Wđa Yg'h'Uhi'YgY'UddfcUWX'Yg'a ][\h'Uj Y'cb'Wđa a i b]h]Yg' ]g'YI d'cfYX" 5'h'fbU]j Y'a cXY'g'cZfYgYUfW'žWđbgi 'hU]cb'UbX'bYYXg'UbU'mg]gž'd'Ubb]b[ 'UbX'gi ghU]bU'V'Y'gYf ]W' XY' ]YfmiUfY'YI Ua ]bYX' ]b'cfXYf'hc'UX'fYgg'W'Ub[ ]b[ 'UbX'Ya Yf[ ]b[ 'bYYXg"

7ci fgY'@YUfb]b[ 'Ci h'Wđa Yg

% =>Ybh]žm'hY' ]b\_g'VY'hk YYb'Wđa a i b]mXYj Y'cda Ybh'UbX'U'f][ \hg'VUgYX'žUa Yk cf\_'Z'f'GcW]U' XYj Y'cda Ybh  
&" @cWUW'i'7ca a i b]m8Yj Y'cda Ybh]b'k ]h' ]b'U'V'f'c'UX'Y'f'žUa Yk cf\_'cZ'Wđa a i b]mik cf\_  
' " =>Ybh]žm'hY' ]a dUW'icZ; YbXY'f'UbX'7i'hi fY'cb'7ca a i b]m8Yj Y'cda Ybh'd'f'c'Y'W'g  
(" =>Ybh]žm'hY'fc'Y'cZ'UXj cWUW'i]b'Wđa a i b]mXYj Y'cd

HYUWX ]b[ 'Gh'fU]h[ ]Yg'

H\]g' ]g'U'dcgh[ fUXi UH'Wđi fgYž'UbX'ghi XYbHg'UfY'YI dY'W'W'X'hc'i bXY'fU\_Y'U'g][ b]Z]W]bhUa ci bhicZ ]bXY'dYbXYbh'fYgYUfW' ]b'hc'hY' ]ggi Yg'i bXY'f'Wđbg]XY'fU]cb'"H\Y'fY' ]g'Ub'YI dY'W'U]cb'h'U'gh'i XYbHg'k' ]'i gY Ub'UbU'm]h]W'UddfcUWX'hc'hY'f'k cf\_ž'UbX'g'ł'ck'hY'UV' ]m]hc'Udd'm'h'Y'cfmi'UbX'hc'h' ]b\_'W'f]h]W'U'm'9j ]XYbW' cZ\h'g'a i ghVY'dfcj ]XYX' ]b'U'k' f]h'Y'b'k cf\_'gi Va ]h'Y'X'Z'f'UggYgga Ybh'

5b'UXi 'h'UddfcUWX'hc'Y'Ufb]b[ ' ]g'hU\_Y'b/h'Uh]g'ghi XYbHg'UfY'fYg'dc'bg]V'Y'Z'f'hY'dUW'UbX'Ua ci bhicZ fYUX]b[ 'UbX'YI h'U'fYgYUfW' h'Y'm'X'c'Ug'k Y'U'g'U'h'Y'bX'UbW'U'h'W'UggYgž'UbX'Z'f'fU]g]b[ 'k ]h'hY'Wđ'cfX]b'U'hc'f ]ggi Yg'cf'd'fc'V'Ya'g'k ]h'hY'f'Y'Ufb]b[ "'G'h'XYbHg'UfY'U'g'c'YI dY'W'W'X'hc'hU\_Y'U'd'Uf]h]W'd'U'hc'fmi'UddfcUWX' ]b W'UggYg'gc'h'U'h'\_bck'YX'Y' ]g'g'U'fY'Xž'ei Yg]cb'YXž'XY'V'U'Y'X'UbX'Udd'f'c'd'f]U'Y'X' ]b'X' ]Xi U'm'UbX' ]b[ 'fci dg" GYa ]b'U'fg'a Um]b'W' XY'd'fYgYb'U]cb'g'V'm'h'Y'Wđ'cfX]b'U'hc'f'UbX' ]i Yg'hg'UbX'Z'f'd'U'f]h]W'd'U'bh'gž' [ fci d'YI Y'f'W]g'Ygž [ fci d'X]g'W'gg]cb'cZ'Ugg][ bYX'fYUX]b[ g'UbX'Ui X]c' ]gi U'a UH'f]U'g'"D'U'f]h]W'd'U'hc' ]g'b'ch[ fUXYX"<ck Yj Yfž ]h]g'U'Wđi fgY'YI dY'W'U]cb'h'U'h'Ugg][ bYX'fYUX]b[ g'k ]'VY'fYUX'V'm'U' d'U'f]h]W'd'U'bh'g'd'f]c'f'hc'YUWX'gYa ]b'U'f"

GYa ]b'U'fg'a Um]b'W' XY'd'fYgYb'U]cb'g'V'm'h'Y'W'W'hi fYfg'UbX' ]i Yg'hg'UbX'Z'f'd'U'f]h]W'd'U'bh'gž' [ fci d'YI Y'f'W]g'Ygž [ fci d'X]g'W'gg]cb'cZ'Ugg][ bYX'fYUX]b[ g'UbX'Ui X]c' ]gi U'a UH'f]U'g'"D'U'f]h]W'd'U'hc' ]b'fY[ i 'U'f'W'UggYg' ]g'b'ch [ fUXYX

# 5ggYgga Ybh

## 5ggYgga YbhHUg\_g

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWca Yg'5ggYggYX
9ggUm%'Ci h]bY'	%'\$i	' # \$ + # & \$ % - '\$) . \$ \$ ' DA	%ž&
; fci d'5Wj] ]mi	' \$i	%+ # \$ + # & \$ % - '\$) . \$ \$ ' DA	%ž&
; fci d'g]a i 'Uh]cb'	&\$i	k YY_g' - 'UbX'%'gYa ]bUf	' ž(
; fci d'g]a i 'Uh]cb'k f]hY!i d'	( \$i	%' # \$, # & \$ % - '\$' . \$ \$ ' DA	%ž&ž(

## 5ggYgga Ybh8YHJ]`g

### 5ggYgga Ybh%'9ggUm%'Ci h]bY

GHUfhXUH.

@Yb[ h. '\$\$

8YHJ]`g.

⊕ \* '\$\$ k cfXgž fYZYWicb 'U' \_Ymi h]b[ 'h.Uhmc i '\Uj Y''YUfbYX'Zca 'h.Y'dUghZYk 'k YY\_g' 'YWi fYg'UbX fYUX]b[ g" 'Mci 'UFY 'bchYI dYWX'lc 'Xc' fYgYUfW 'ci hg]XY 'cZ h.Y' fYVc'fYX' 'YWi fYg'UbX'fYeI ]fYX'fYUX]b[ gž Vi hmc i 'UFY 'YI dYWX'lc 'fYZf'UbX'WjY' fY'Yj 'UbhfYVc'fX]b[ gž fYUX]b[ g'UbX'UbmicZ h.Y' fYVc'fYX'k YY\_'m hi lc f]U'X]gW gg]cbg"

9'YWfcb]WUbX'gYa ]bUf'ZYXVUW\_'cbY'k YY\_'Zc''ck ]b[ 'gi Va ]gg]cb'XUH"

Hi fb]h]b'gYH]b[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h.fci [ \ 'Hi fb]h]b'UbX'gh XYbhg'WUb'gYY'Hi fb]h]b'g]a ]'Uf]m fYdcfng"

### 5ggYgga Ybh& ; fci d'5Wj] ]m

GHUfhXUH.

@Yb[ h. '&\$\$

8YHJ]`g.

⊕ 'ga U'' [ fci dg'k ]h 'YUW 'fYdfYgYbh]b[ 'U'X]ZYfYbhWca a i b]mi]bhYfYgh[ fci džgh XYbhg'k ]''VY'U''cWUfYX k ]h ]bZcfa Uh]cb'Vf]Yžg'UVci hUb'i bZc'X]b[ 'W]g]g'UbX'bY[ ch]UH'k ]h 'chYf' [ fci dg ]b'h.Y'WUgg'Zc'f'U'VYhYf ci hWca Y'Zc'f'h.Y'Wca a i b]mi h.Uh h.Ymi fYdfYgYbh' 'C j Yf'h.fY'k YY\_gžgh XYbhg ]b'h.Y]f' [ fci d'k ]''i gY





		XYj Y`cda YbH`H\]g`k YY_žk Y`k ]`[ c`c] Yf`hY h`Ycf]Yg`cZ[ YbXYf`UbX`]bhYfgYW]cbU`]mž`Ug`k Y`Ug gca Y`_Ymhc`g`UbX`UbU`m]WU`ZUa Yk cf`_`
K YY_*. *`>i`m!`%\$`>i`m`	K YV	5a__g` [f]Wé [ ` 5ZS`W Y[ Y 5a` fW] fe  <ck`Xc`k Y`Yb[ U[ Y`k ]h`Wéa a i b]h]Yg`k \c`UfY YI dYf]YbW]b[ žcf`fYVWbhmiYI dYf]YbW`X`VXU`Yb[ ]b[ h]a Yg3`g`h`YfY`U`“f][ \h`k UmcZUW_bck`YX[ ]b[ hfUi`a Už]b`g]Wž`UbX`a Uf[ ]bU`]gU]cb3`b`UXX]h]cbž \ck`Xc`k Y`i`gY`]bhYfgYW]cbU`]mUg`Ub`UbU`m]WU` `Ybg`hc`i`bXYfg]UbX`h`Y`g]h] Uh]cb3`H\]g`k YY_žk Y`k ]` ZcW`g`cb`U`WUgY`gh] Xnž`h`Y`dcghX]gUghY`f`fY`]YZcZ <i`ff]WU]bY`? Uf]bUž`UbX`\ck`fUW]U`]gYXž`dUf]UfVXU` di`V]Wdc`]W]Yg`YI UW`fVU]X`h`Y`a Uf[ ]bU`]gU]cb`cZ 6`UW`UbX`<]gdUb]W]Wéa a i b]h]Ygž`YgdYW]U`m k ca Yb`
K YY_+. %`>i`m!`%+`>i`m`	K YV	5a__g` [USf[a` S` V 6WS`f` Y i [fZ 5a__g` [f]Wé [

F Ygci fWg

DfYgW]VYX F Ygci fWg



Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

Ʒmci`YbWci bHYf`U`dfcV`Ya`k`Yb`UH`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`UgY`  
HY`Yd`cb`Y`9I`HY`fb`U`Gi`ddcfh`cb`-`,`)`"``"``%cf`Ya`Uj`h`Ya`cb`YI`HY`fb`U`HY`hgi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`  
`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`\*)`XUmg`U`mY`UfI`"Ʒmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`a`Um`Udd`m`Zc`f`Ub`YI`HY`bg]cb`z`Vi`hmc`i`  
a`i`gh`fY`h]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`mci`h`Y`f`fY`Yj`Ub`h`Xc`W`a`Yb`hg`L`hc`  
]b`Wi`XY`Ug`Yj`]XY`b`V`hc`gi`ddcfh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`Uj`9I`HY`fb`U`Gi`ddcfh`mci`k`]`  
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`Ug`\_`Zc`f`cb`Y`"  
Hi`fb]h]b`U`gc`d`fcj`]XY`gi`d`XU`h`g`cb`h`Y]f`gm`gh`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`U`g`\_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`cf`U`A`cc`X`Y`  
Ugg][`ba`Yb`h`i`h`]b`gh`U`b`W`g`k`Y`f`Y`h`g`]g`b`ch`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`fa`U`h]cb`cb`\`ck`hc`gi`Va`]h`Ugg][`ba`Yb`hg]cb`]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`gh`XY`b`h`i`bgk`"YXi`"Ui`#`ck`!  
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`Y`"

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

D`U[ ]Uf]ga `]g`i g]b[ `hY`k cfXg`cf`]XYUg`cZc`hYfg`UbX`dfYgYbh]b[ `hYa `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfU`h`V`X`Y`U`h]b[ `h`U`W`Y`X`Y`b`U`m`W`c`d`m]b[ `Z`ca `U`gci f`W`k ]h`ci h`U`W`b`c`k `Y`X[ `Y`a `Y`b`h`

I B G K ` [ fci dg`d`U[ ]Uf]ga `]b`h`c`h`Y`Z`c`ck ]b[ `W`U`h`Y` [ cf]Yg.

7 cdm]b[ .`i`g]b[ `h`Y`g`U`a `Y`c`f`j`Y`f`m`g]a ]U`f`k`c`f`X`g`h`c`h`Y`c`f][ ]b`U`h`Y`h`c`f`]X`Y`U`k ]h`ci h`U`W`b`c`k `Y`X[ ]b[ `h`Y`

- i bXYfghUbx'mci f'f][ \hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wcdmf][ \hžI 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 Yfmcby`]b'ñY'I BGK 'Wca a i b]m
- `cWññ'gYfj ]Wg'UbX' ]bZcfa Uhcb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZñYgY'UfYUg'k ]`VY'ZJa ]]Uf'hc'mci žcñYfg'k ]`VY'byk "; U]b]b[ 'U'gc`X'i bXYfghUbx]b[ 'cZU`ñY fY'UH'X'UgdYWñ'cZ9@G9'k ]`ñY'd'mci 'a U\_Y'ñY'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hñ.##ji V'YWñ \]i \]XYg" \]VfUfm'i bgk "YXi "Ui #` \]gY#UVci h' \]gY](#)

5 WUXYa ]W=Zcfa Uh]cb

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[ `tc.

- fYei Ygth`Zc`Yl H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/