



7ci fgY'8YHJ`g

7fYX]hDc]bqg`\*`

Gi a a UfmcZ\hY'7ci fgY

GdYU\_]b[ `k ]h` WcbZXYbWw`z`h`"b[ `U`ghcfm`z`d]hW ]b[ `U`WcbWw`d`z`Yb[ U[ ]b[ `Ub`Ui X]YbWw`UbX`g`Uf]b[ `]XYUg`-  
h`YgY`UfY`YggYb]U`g\_]`g`Zcf`a`U\_]b[ `mci`f`a`Uf\_]b`h`Y`Wcbh`a`dcfUfmk`cf`X" `#`h`]g`Yb[ U[ ]b[ `Wci`fgY`z`mci`  
k ]`"YUfb`dfYgYb]h]cb`g\_]`g`UbX`Wca`a`i`b]W]h]cb`h`W`b]ei`Yg`i`gYX`Vm]bZi`Yb]U`"YUXYfg`z`Wca`dY`"b[  
ghcfm`h`"Yfg`UbX`YZZYW]j`Y`dfYgYb]h]fg" `Mci` `k ]`"gh`XmYI`Ua`d`Yg`cZ[ fYU]h]ghcfm`h`"b[ `VmUW`c`fg`z`a`ch]j`U]cbU`  
gdY`Y`W`Yg`Vmidck`YfZ` `Wca`a`i`b]W]h]cb`fg`z`UbX`di`V`]WgdYU\_]b[ `]b`dfcZ]gg]cbU`dfUW]W`"DfUW]W]`k`cf`g`cdg`  
k ]`"b]fcXi`W`mci` `h`h`W`b]ei`Yg`cZUi`X]YbWw`Uk`UfYbYgg`z`d`mg]W]`dfYgYbWw`UbX`j`cW]`dfc`Y`W]cb`" `6m`  
Z`ck`]b[ `YI`Ua`d`Yg`UbX`fY`Y`Ufg]b[ `]b`WUgg`z`mci` `k ]`"XYj`Y`cd`h`Y`WcbZXYbWw`h`dfYgYb]h]mci`f`]XYUg`]b`Ub`  
Ui`h`Yb]h]j`c]W`UbX`Wca`a`i`b]W]h]mci`f`a`YggU[ `Y`k ]h`WUf]m]UbX`Wcbj`]W]cb"

7ci fgY`@YUfb]b[ `Ci hWca Yg

%`XYgW]VY`UbX`Yj`Ui`UH` `ck`dfYgYb]h]fg`Wca`a`i`b]W]h]`]b`U`fUb[ `Y`cZ[ `Yb]Yg`UbX`Wcb]h]`hg`  
&"`UbU`mY`UbX`Udd`midfYgYb]h]cb`h`W`b]ei`Yg`]b`j`cW]`dfc`Y`W]cb`z`d`mg]W]`dfYgYbWw`z`Ui`X]YbWw`  
Uk`UfYbYgg`z`UbX`WYUf`Wca`a`i`b]W]h]cb`  
'`" `d`Ub`z`fY`Y`UfgY`UbX`XY`]j`Yf`Ub`Yb[ U[ ]b[ `dfYgYb]h]cb`Zcf`Ub`Ui`X]YbWw`

hc`hY`dfcZYgg]cbU`WcbhYI hg`UbX`X]gW]d`]bY`cZ`hY`ghi`XYbhg`"H\Y`cb`]bY`YUfb]b[ `ZYXg`]bhc`hY`gYWcbX  
UggYgga`YbhUg\_`Ub`UbU`m]W`fYdcf`hcb`U`WUgY`ghi`Xmž`%)`\$\$`k`cfXg`"Gh`XYbhg`k`f]h`U`fYdcf`hU`bU`m]b[  
WcbhYI`hž`[`YbfY`UbX`hY`Wb]jei`Yg`]b`U`dfYgYbhU]cb`W`cgYb`Z`ca`U`]ghcZ`]j`Y`UbX`fY`Wcf`XYX`YI`Ua`d`Yg`"H\Y`  
fYdcf`hdfcj`]Xyg`Ub`cddcf`h`b]mZcf`ghi`XYbhg`hc`Yj`U`i`U`hY`ck`dfYgYbhYfg`Wca`a`i`b]W]hY`UbX`hc`UbU`mY`hY]f`  
hY`Wb]jei`Y`"

H\Y`Z]bU`UggYgga`YbhUg\_]g`U`ghi`XYbh`YX`YUfb]b[ `ghfU]h[ `m`9UW`ghi`XYbhdfYdUfYg`Ub`cf][ `]bU`  
dfYgYbhU]cb`]b`U`gdYW]Z]W[ `YbfY`ž`XfUk`]b[ `cb`WcbhYbh`h`U]h]g`fY`Yj`Ub`h`hc`h`Ya`" `H\Y`mXY`]j`Yf`h`Y`  
dfYgYbhU]cb`Y]h`Yf`]j`Y`]b`WUggž`cf`Ug`U`fY`Wcf`X]b[ `gi`]hU`V`Y`Zcf`cb`]bY`X]ghf]Vi`h]cbž`XYa`cbghfU]h]b[ `h`Y`g\_]`g`  
h`Y`m`Uj`Y`U`W`i`]fYX`Xi`f]b[ `h`Y`W`i`fgY`"H\Y`mUfY`U`gc`fYei`]fYX`hc`fYgdc`bX`Wcbghf`W]j`Y`m`hc`dfYgYbhU]cbg`  
[ `]j`Yb`Vmich`h`Yfg`UbX`dfcj`]XY`ZYXVUW\_]hc`h`Y]f`dY`Yfg`"\*`a`]bi`h`cf`-`\$\$`k`cfXg`Yei`]j`U`Y`bh`

# 5ggYgga Ybh

## 5ggYgga YbhHUg\_g`

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
!WUgg`UbX`C b`]bY 9I YfW]gYg`	&\$i	) #\$\$#&\$%- '\$) . \$\$`DA	%ž&
5bU`m]WU`F Ydcfh	( \$i	Bch5dd`]WUVY	%ž&
DfYgYbhU]cb`	( \$i	' %\$\$#&\$%- '\$) . \$\$`DA	&ž ž(

## 5ggYgga Ybh8YHU]`g

5ggYgga Ybh%`!WUgg`UbX`C b`]bY`9I YfW]gYg

GHUfhXUH.

@Yb[ h. '&'!`'a ]bi hY`]b!WUgg`dfYgYbhU]cbg

8YHU]`g. '&'!`'a ]bi hY`]b!WUgg`dfYgYbhU]cbg`ZUW]`fUH`X`Vmc`b`]bY`a`cXi`Yg`f&\$i`'hU`E`Xi`Y`k`YY`g`'`/`')`Q`:  
: YYXVUW\_`F`i`Vf]W]bX]WU]b[ ``Yj`Y`c`Z`d`Y`f`Z`c`f`a`U`b`W`U`[`U]`b`g`h`Y`U`W`X`U`g`g`Y`g`g`a`Y`b`h`W`]`h`f`]`U`z`k`f`]`h`Y`b`Z`c`f`a`U`h`j`Y`Z`Y`X`V`U`W`Z`U`b`X`d`Y`f`W`b`h`U`[`Y`[`f`U`X`Y`"

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

5ggYgga Ybh%`!WUgg`UbX`C b`]bY`9I YfW]gYg

@Yb[ h. '&'dfYgYbhU]cbgžVYfk`YYb`&`UbX`'`'a ]bi hY`g`YUW

8YHU]`g. '&'!`'a ]bi hY`dfYgYbhU]cbg`"C`b`Y`f`Y`W`f`X`Y`X`f`U`i`X`]`c`c`f`j`]`X`Y`c`z`c`b`Y`"j`Y`"F`i`V`f`]`W`]`b`X`]`W`U`]`b`[ ``Y`j`Y`c`Z`d`Y`f`Z`c`f`a`U`b`W`U`[`U]`b`g`h`Y`U`W`X`U`g`g`Y`g`g`a`Y`b`h`W`]`h`f`]`U`z`k`f`]`h`Y`b`Z`c`f`a`U`h`j`Y`Z`Y`X`V`U`W`Z`U`b`X`d`Y`f`W`b`h`U`[`Y`[`f`U`X`Y`"

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

5ggYgga Ybh%`&`dfYgYbhX`]b`h`h`c`f`]`U`c`b`Hi`YgXUm`&&`>`U`b`i`U`f`m`&`\$`%`"5`"gh`X`Y`b`h`g`d`f`Y`g`Y`b`h`h`g`"j`Y`]b`!`W`U`g`g`"

5ggYgga Ybh%`&`dfYgYbhX`]b`h`h`c`f`]`U`c`b`: `f`]`X`U`m`i`&`>`U`b`i`U`f`m`&`\$`%`"M`c`i`'a`U`m`W`X`c`c`g`Y`h`c`d`f`Y`g`Y`b`h`h`g`"j`Y`]b`!`W`U`g`g`c`f`d`f`Y`!`f`Y`W`f`X`Y`X`c`b`j`]`X`Y`c`"

5ggYgga Ybh&`5bU`m]WU`F Ydcfh

GHUfhXUH.

@Yb[ h. ' ' ' ) \$\$`k`c`f`X`U`b`U`m]WU`f`Y`d`c`f`g

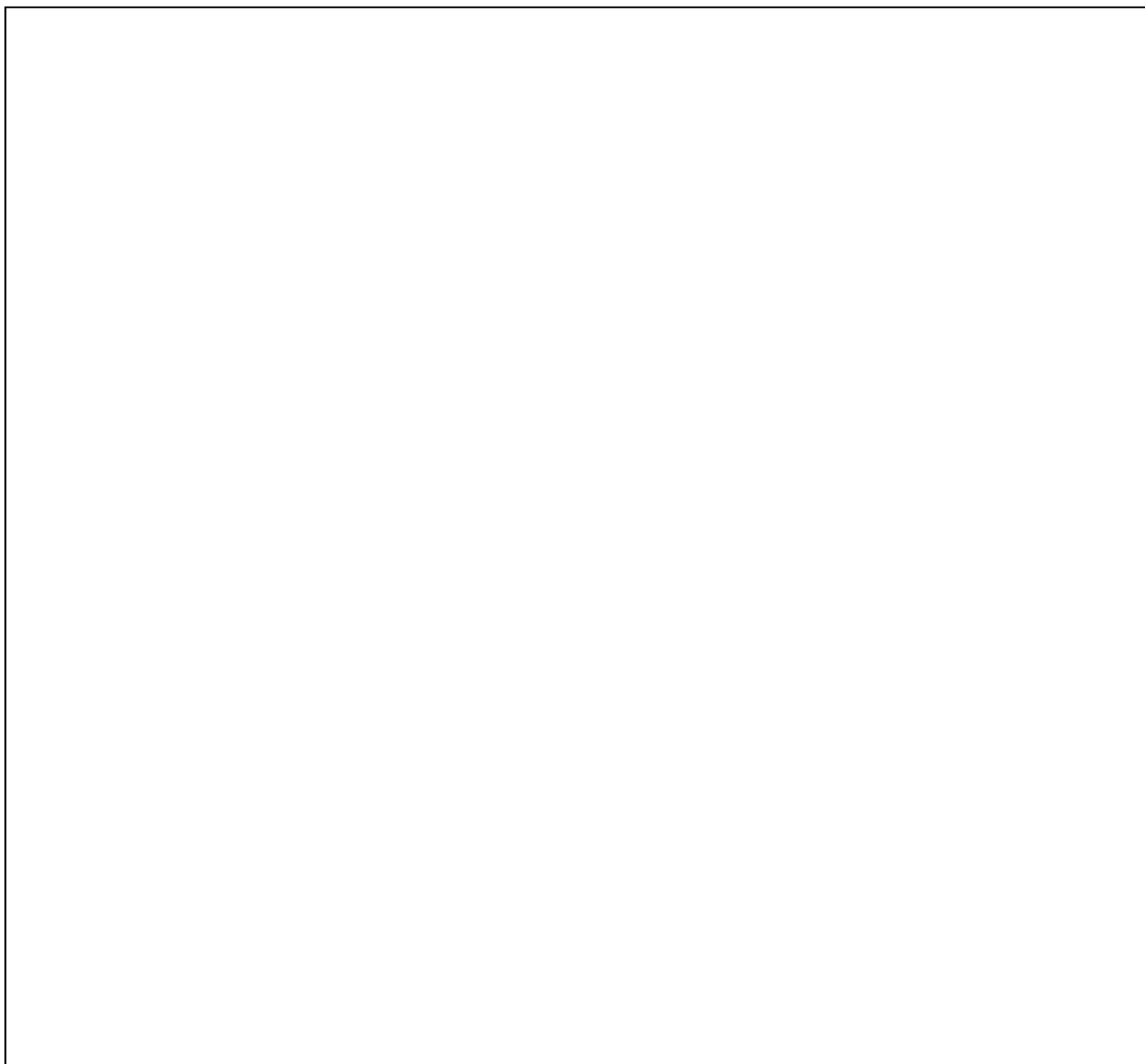
8YHU]`g. ' ' ' ) \$\$`k`c`f`X`U`b`U`m]WU`f`Y`d`c`f`g`f`(\$

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

@Yb[ h. " ' l ' ) \$\$'k cfXg

8YhU]g. '7 UgY'ghi Xm" ǂ!XYdh 'UbU'mg]g"%ǂ) \$\$'k cfXg"Fi Vf]W]bX]W]h]b[ "Y] Y" cZdYfZcfa UbW'U[ U]bghYUW  
UggYgga YbhW]h]f]Užk f]h]b'Zcfa Uhj] Y'ZYXVUW\_zUbX'dYfW]bhU[ Y'[ fUXY"

5XX]h]cbU`XYhU]g.



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

5`YI dYWX`fYgci fWg`Zf`gh`XYbhg`UfY`Uj`Uj`UV`Y`h`fci`[\`A`ccX`Y`Z`h`Y`I`BGK`@]VfUfmcf`cdYb`UWXYgg`cb`]bY`"

F YWca a YbXYX`F Ygci fWg

H\Y`Zc`ck`]b[`fYWca a YbXYX`fYgci fWg`a`UmVY`Uj`Uj`UV`Y`h`fci`[\`I`BGK`'6cc\_g\cd`"

- DUhgmiA W`Uf`h`m`UbX`7`Ufc`]bY`<`U`h`X`Y`f`Z`E`b`V`S`]`[`Y`B`W`e`g`S`e`h`W`k``,`F`Z`W`W`e`W`f`S`^`Y`g`[`V`W`f`a`Y`h`[`Y`V`k``S`\_`[`U`b`d`W`e`W`f`S`f`a`e`S`V`e`b`W`W`U`Z`W`e`f`B`Y`b`/`I`b`k`]b`z`&`\$`\$`E`-`+`,`%`\*`)`,`\$`,``,`%`&`"
- 8`U`j`]X`7`f`m`g`h`U`Z`F`Z`W`9`[X`a`X`f`Z`W`9`S`T`,`:`,`a`i`7`h`c`g`W`U`W`I`a`d`]e`f`M`U`Y`I`D`Z`&`\$`%`\*`E`Z`-`+`,`\$`'\$`\$`&`&`\*`(\$`-`"



# Gi Va ]gg]cb'cZ5ggYgga YbhHUg\_g

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

Ʒmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UHYa dh]b[ 'hc'gi Va ]hrci f'Ugg][ ba YbhHfci [ \ 'Hi fb]h]bzd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-' , ) ' ' ' %cf'Ya U]'hYa 'cb' [YI HYfbU'HY'fji 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'mYUfL'Ʒmci  
UFY'i bUVY'hc'gi Va ]hrci f'Ugg][ ba YbhXi Y'hc'U'ZUi 'hk ]h'Hi fb]h]b'mci 'a UmiUdd'miZcf'Ub'YI HYbg]cbZ'Vi hrci  
a i ghfYhU]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]h'UbmchYf'fY'Yj UbhXcW a YbhgE'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhrci f'YI HYbg]cb'Udd'jW]h]cb"Ʒmci 'Ya U]'9I HYfbU'Gi ddcfhrci 'k ]`  
Ui hca Uh]W]m'fYW]j Y'U'h]W\_Yhbi a VYfZ'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]`bYYX'hc'gdYW]Z]W]m'Ug\_'Zcf'cbY"  
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUH'g'cb'hY]f'gmg'hYa 'ghU]h'g'cb'Hk ]hYf"

; YbYfU'm'UggYgga YbhHUg\_g'a i ghVY'gi Va ]hYX'Y'YWfcb]W]m'j ]U'Y]h'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba Ybh'f'f]bg]h]b]W'g'k \YfY'h.]g'jg'bchidcgg]V'Yz'hk ]`VY'g'UHYX'cb'mci f'Wci fgY'g'A ccX'Y'g]h'k ]h  
U'hYfbU]j Y'gi Va ]gg]cb'XYhU]g"

: cf]bZ'fa Uh]cb'cb'\ck 'hc'gi Va ]hUgg][ ba Ybh'g'cb]bY'j ]U'A ccX'Y.

[\h\]dg.#gh XYbhi bgk "YXi "Ui #ck !gi Va \]hUgg\]\[ ba Ybh'a ccX'Y](#)

@UH'5ggYgga YbhDYbU'h]Yg'

Gh XYbh]U'fY'fYgdcbg]V'Y'Zcf'hY'gi Va ]gg]cb'cZUggYgga YbhHUg\_g'VmihY'fYei ]fYX'XUH'g'UbX'h]a Yg"  
8YdYbX]b[ 'cZ'hY'YI HYbh'cZXY'Um]b'hY'gi Va ]gg]cb'cZUb'UggYgga YbhHUg\_g'dUgh'hY'Xi Y'XUH'UbX'h]a Yz  
cbY'cZ'hY'Zc'ck ]b[ 'UH'dYbU'h]Yg'k ]`Udd'mi b'Ygg'gdYW]U'W'cbg]XYfU]h]cb'cf'U'V'Ub\_YhYI HYbg]cb'Xi Y'hc'U  
hVXb]W]ci hU] Y'jg[ fUb'hYX": cf'hY'di fdcgY'cZ'UH'dYbU'm'W]W'Uh]cbZ'U'XUm]jg'XYYa YX'hc'VY'YUWX



f`DfYj Ybhmc i`Zca`Wca d`Yh]b[ `U`Wci fgY`fYei ]fYa Ybř

f`?YYd`mci`Zca`UHYbX]b[ `Ub`UggYggUV`Y`UW]j`]mž

f`Ghd`mci`gi Va`]h]b[ `UggYggUV`Y`k cf\_`Zcf`U`Wci fgYž

f`G][ b]Z]W]b]h]m]U]Z]Y]W]h]m]i f`d`Y`f`Z`c`f`a` U`b`W`W`]b`U`g`g`Y`g`g`U`V`Y`k`c`f`\_`ž`V`Y`]h]U`Z`c`f`a` U`Y`b`X`!`c`Z`h`f`a` `Y`I`U`a` ]b]U]h]c]b]ž]U`  
W]U]g]g`h]Y]g]h]ž]U`U`V`c`f`U`h`c`f`m]h]Y]g]h]ž]U`g]Y`a` ]b]U`f`d`f`Y`g`Y`b]h]U]h]c]b`c`f`U`b]m]c]h]Y`f`Z`c`f`a` `c`Z`U`g`g`Y`g`g`a` Y`b]h`

: cf`Z` f`h`Y`f`X`Y`h]`g`]b`f`Y`U`h]c]b`h`c`G`d`Y`W]U`7`c`b`g]X`Y`f`U]h]c]b`]b]W]i`X]b[ ``K` \`Y`b`h`c`5`d`d`m`ž`<`c`k`h`c`5`d`d`m`U`b`X`  
`G`i`d`d`c`f`h]b[ `8`c`W`a` Y`b]h]U]h]c]b`d`Y`U`g`Y`f`Y`Z`f`h`c`h`Y`G`d`Y`W]U`7`c`b`g]X`Y`f`U]h]c]b`k`Y`V`g]h]r`.

[\h\]d\]g`#\]g\]h\]X`Y`b\]h\]i`b\]g\]k`"Y`X`i`"U`i`#\]g\]d`Y`W\]U`!`W`c\]b\]g\]X`Y`f`U\]h\]c\]b`](#)

5 WUXYa ]W<c bYghmiUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga `]g`i g]b[ `h`Y`k cfXg`cf`]XYUg`cZch`Yfg`UbX`dfYgYbh]b[ `h`Ya `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm  
Zcfa gžZca `XY`]VYfUh`W`YU]b[ `h`UW]XYbhU`miW`dm]b[ `Zca `U`gci fW`k ]h`ci hUW\_bck`YX[ Ya Ybh`

- i bXYfghUjX'mci f'f][ \hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wc'dmf][ \hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'UjX'5W'W'dhUV'Y'I gY'cZ  
I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUjX'UfX'g'cZVY\Uj ]ci f'YI dY'W'X'cZYj Yfmc'bY' ]b' h'Y'I BGK 'W'a a i b]m
- `cW'U'Y'gY'fj ]W'g'UbX' ]b'Z'f'a U'h'c'b'UV'ci hi BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k ]`VY'ZJa ]]Uf'hc'mci ž'c'h'Y'fg'k ]`VY'bYk "; U]b]b[ 'U'gc`X'i bXYfghUjX]b[ 'cZU`h'Y  
fY'U'Y'X'UgdY'W'g'cZ9@G9'k ]`Y'd'mci 'a U\_Y'h'Y'a cgh'cZ'mci f'gh X]Yg'Uhl BGK ""

[\h'c'.#\]i V'Y'W'f'i \]X'Y'g"\]V'f'U'f'm'i b'g'k "Y'X'i "U'i #' \]g'Y'#\]V'c'i h' \]g'Y](#)

