



CRIM1011

⊕hfcXi W]cb 'hc '7 f]a]bU`'>i gh]WY

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

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

7ci fgY`Cj Yfj]Yk

GHJZ`7cbhJW`8YhJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
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7ci fgY'8YHJ`g

7fYX]hDc]bHg`*`

Gi a a UfmcZhY'7ci fgY

h`h]g`Wci fgY`mci`k`j`VY`]bfcXi`W`X`hc`h`Y`]bgh]h`h]cbg`UbX`dfUW]W`g`c`Z`h`Y`W]a`]bU`↑`gh]W`gmg]h`Ya`""5`g`k`Y`U`g`W`cbg]XYf]b[`h`Y`cdYf`%`]`cb`c`Z`j`Uf]ci`%`V`c`%`b`Y`bhg`c`Z`h`Y`W]a`]b%`↑`gh]W`gmg]h`Ya`!`]bW`i`X]b[`h`Y`dc`]W`ž`W`ci`fhg`ž`UbX`W`c`ffY`W]cbg`!`k`Y`k`j`U`gc`U`X`X`f`Y`gg`b`Y`k`UbX`Ya`Yf[`]b[`X`Y`j`Y`c`da`Y`bhg`]b`W]a`]bU`↑`gh]W`dfUW]W`ž`W]a`Y`dfY`j`Y`bh]cbž`UbX`f`Y`g`d`c`b`g`Y`g`hc`W]a`Y`"5`g`gi`W`ž`h`Y`W`ci`fgY`k`j`d`f`c`j`]X`Y`m`c`i`k`]h`U`W]h]W]m`f`Y`Z`Y`W]j`Y`UbX`h`ci`[`h`d`f`c`j`c`_]b[`]bfcXi`W]cb`hc`h`Y`W]a`]bU`↑`gh]W`gmg]h`Ya`ž`U`W`c`a`d`U`b]Y`X`V`m`U`X]g`W`gg]cb`c`Z`h`Y`_Y`m]ggi`Y`g`h`U`h`U`f]g`Y`]b`f`Y`U`h]cb`hc`]hg`c`d`Y`f`U`h]cb`f`Y`Z`Y`W]j`Y`b`Y`gg`U`b`X`b`c`b`!`X]g`W]a`]bU`h]cb`]b`d`f`U`W]W`ž`UbX`U`]ba`Y`bhk`]h`i`b`X`Y`f`m]b[`]d`]c`g`c`d`Y`g`c`Z`↑`gh]W`k`U`b`X`]a`d`U`W`h`c`b`X]Z`Y`f`Y`b`h]b`X]j`]Xi`U`g`U`b`X`]f`c`i`d`g`]b`g`c`W]Y`h`h]b`X]j`]Xi`U`g`U`b`X`]f`c`i`d`g`]b`

K f]mYb`ZYXVUW`UbX`ZYXVUW`cb`a Uf_]b[`fi Vf]Wk]h]b`%\$`k cf_]b[`XUm]cZgi Va]gg]cb"

Hi fb]h]b`gYh]b[.`

F Ygci fWg

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H\YfY`]g`cbY`WcfY`hI hZcf`h]g`Wci fgY.

K \]hZ`F`"UbX`DYffcbYz`G`"f&\$%-`E`"5d`_`W`5d`_`[`S`f`k`S`V`5d`_`[`S`^`<gef[UWf]fX`YX]hcbE`"Gci`h`A`Y`Vci`fbY.
C I`ZcfX`I`b]j`Yfg]mDfYgg`"fk`ck`Yj`Yfz`mci`"Wb`U`gc`i`gY`h`Y`&bX`YX]hcb`!`&\$%)`!`]Z`h`Uh]g`h`Y`W`dmirci
U`fYUXm`Uj`Y`E`"

H\Y`hI`h]g`Uj`U]UV`Y`Zcf`di`fW`UgY`Zca`"h`Y`I`BGK`"6cc`g`g`cd`f`h`td`#`/`cc`_`g`g`cd`"i`bgk`"YXi`"Ui`E`UbX`]g
Uj`U]UV`Y`]b`h`Y`"VfUfm`"H\]g`]g`h`Y`gUa`Y`hI`h`cc`_`Ug`Zcf`7`F`-A`%\$%\$zgc`a`UbmicZmci`"k`]"U`fYUXm`Uj`Y`U
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h`UXX]hcb`hc`h`Y`W`cfY`hI`hZ`h`YfY`UfY`U`bi`a`VYf`cZfYUX]b[`g`mci`"k`]"`VY`fYei`]fYX`hc`W`ca`d`Y`h`Y`U`W`k`YY`_
VY`ZcfY`"WUggz`h`Y`XYhU]g`cZk`\]W`W`b`VY`Zci`bX`cb`A`ccX`Y`j`]U`h`Y`@Y[`Ubhc`fYUX]b[`"gh`"

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`fYUX]b[`g`UfY`Uj`U]UV`Y`cb`A`ccX`Y`j`]U`@Y[`Ubhc`"

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

:`YYXVUW`_`Zcf`h]g`Wci`fgY`k`]"`VY`[`U`h`Y`fYX`h`fci`[`\`h`Y`A`m9i`dYf]YbW`gi`fj`Ym`"H\]g`Wci`fgY`\Ug`i`bXYf[`cbY
gi`Vg`h`U`b`h]U`fYj`]g]cb`]"b`h`Y`"Ugh`k`c`m`Y`Ufgz`k`]h`Wci`fgY`W`cb`h`b`hi`dX`U`h`X`UbX`U`bi`a`VYf`cZcb`]"bY`a`cXi`"Yg
XYj`Y`cdYX`UbX`"Y`W`h`fY`g`W`Y`Xi`"Y`UbX`UggYgga`Yb`hg`fYj`]gYX`"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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Ẓmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UHYa dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'- ' ,) " ' ' %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'fI *) 'XUmg'U'mYUfI" Ẓmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'Zi 'hk]H'Hi fb]h]b'mci 'a UmiUdd'm'Zc'f'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYH]b'mci f'h]W'Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmicH'Yf'fY'Yj UbhXcW a Yb'gk'hc
]bWi XY'Ug'Yj]XYbW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'j]W]h]cb" Ẓmci 'Ya U]'9I HYfbU'Gi ddcfhmc i 'k]`

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`" #WU]b`hU`_Y`a`Ubm`Z`cfa`g`z`Z`ca`XY`]VYfUHY`WX`YU]b[`hc`UW]XYbhU`m`W`cdm]b[`Z`ca`U`gci`fW`k`]h`ci`hUW`_bck`YX[Ya`Ybh`

I`BGK`[`fci`dg`d`U[]Uf]ga`]bhc`hY`Zc`ck`]b[`WU]Y[`cf]Yg.

7`cdm]b[`i`g]b[`hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][`]bU`hY`hcf`]XYU`k`]h`ci`hUW`_bck`YX[]b[`hY`gci`fW`cf`i`g]b[`ei`c`hU]cb`a`Uf`_g`"H`]g`U`gc`Udd`]Yg`hc`]a`U[`Yg`z`Ufh`UbX`XYg][`b`dfc`YW]g`z`Ug`k`Y`U`g`dFYgYbhU]cbg`k`YfY`gca`YcbY`dFYgYbhg`Ubch`Yf`g`]XYUg`cf`k`cfXg`k`]h`ci`hWYX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[`7`U]b[]b[`U`ZYk`k`cfXg`UbX`d`fUgYg`k`Y`a`cghm`fYhU]b]b[`hY`cf][`]bU`ghfi`W`fY`UbX`#`f`dfc[`fYgg]cb`cZ]XYUg`cZ`hY`cf][`]bU`z`UbX`]bZ`cfa`U]cb`k`]h`ci`hUW`_bck`YX[Ya`Ybh`H`]g`U`gc`Udd`]Yg`]b`dFYgYbhU]cbg`k`YfY`gca`YcbY`dUfUd`fUgYg`Ubch`Yf`g`]XYUg`cf`k`cfXg`k`]h`ci`hWYX]h`UbX`hc`d]YW]b[`hc[`Y`h`Yf`ei`c`hYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`c`Y`z`k`]h`ci`hUddfcdf]UHY`fY`ZYfYbW]b["

7`c`i`g]cb.`k`cf`_]b[`k`]h`c`hYfg`Vi`hdUgg]b[`cZ`hY`k`cf`_`Ug`U`dYfgcb`g`]bX]j`]Xi`U`k`cf`_"7`c`i`g]cb`U`gc`]bWi`XYg`dfcj`X]b[`mci`f`k`cf`_`hc`Ubch`Yf`g]h`XYbhVY`Zc`fY`hY`Xi`Y`XU]Y`z`cf`Zc`f`hY`di`fdcgY`cZ`hY`a`d`U[]Uf]g]b[`Uh`Ubmi]ja`Y`z`dUm]b[`Ubch`Yf`dYfgcb`hc`dYfZ`cfa`Ub`UWUXYa`]W]Ug`_`z`ghY`U`]b[`cf`UW]i`]f]b[`Ubch`Yf`dYfgcb`g`UWUXYa`]Wk`cf`_`UbX`W`cdm]b[`]z`cZ]f]b[`hc`W`ca`d`Y`h`Ubch`Yf`dYfgcb`g`k`cf`_`cf`gYY_]b[`dUma`YbhZ`c`W`ca`d`Y]b[`UWUXYa`]Wk`cf`_"

#Uddfcdf]UHY`W]U]cb.`7`]h]b[`gci`fW]g`k`Y`W`U`j`Y`bchVYYb`fYUX`z`k`]h`ci`hUW`_bck`YX[]b[`hY`"gYW`cbXUfm`gci`fW`Z`ca`k`Y`W`_bck`YX[Y`cZ`hY`a`U`g`VYYb`c`VhU]bYX"

8`i`d`]WU]cb`ffgY`Z`d`U[]Uf]ga`"E`gi`Va`]h]b[`mci`f`ck`b`k`cf`_`z`]b`k`c`Y`cf`]b`dUf]z`k`YfY`]h`Ug`dFYj`]ci`g`m`VYYb`dFYdUfYX`cf`gi`Va`]hYX`Zc`f`Ubch`Yf`UggYgga`Ybhcf`W`ci`fgY`Uhi`BGK`cf`Ubch`Yf`i`b]j`Yfg]h`

7`c`ffY`W]fY`ZYfYbW]b[`dfUW]W]g.

- DUFUd`fUg]b[`zgi`a`a`Uf]g]b[`zYggUm`k`f]h]b[`UbX`h]a`Y`a`UbU[Ya`Ybh`
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- i bXYfghUbx'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'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby'j]b'h'Y'I BGK 'W'a a i b]m
- `cW'W'h'gYfj]W'g'UbX'j]bZ'fa U]cb'UVci hl 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 bXYfghUbx]b['cZU`'h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]`'Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Y'g" \]VfUfm'i b'gk "Y'X'i "U'i #' \]g'Y#\]V'ci h' \]g'Y](#)

5 WUXYa]W**ϕ**Zcfa Uh]cb

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