



SOCW1001

☯hfcXi Wjcb'hc'GcWjU`K cf_

HYfa`Cby`#`&\$&\$

7 ci fgY`Cj Yfj]Yk

`GHUZZ`7 cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
A UfYY`<] []bg	a "\] []bg4 i bgk "YXi "Ui	A cbXUm%`' da žcf VmUddc]bħa Ybh	%) , `A cfj Yb 6fck b`6i]X]b[\$(` %- , + && ,

`Hi ħcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
8ca]b]W] Ub` ; YghY`	X"j Ub[YghY`4 i bgk "YXi "Ui	` \$`a]bg`df]cf`ħ`ĤY ħ ħcf]U`	%* + `A cfj Yb 6fck b`6i]X]b[b#U
@]gU` : fUbW]g	"ZUbW]g4 i bgk "YXi "Ui	` \$`a]bg`df]cf`ħ`ĤY ħ ħcf]U`	%* + `A cfj Yb 6fck b`6i]X]b[b#U
:]cbU`A U[YY	Za U[YY4 i bgk "YXi "Ui	` \$`a]bg`UžYf`ĤY ħ ħcf]U`	%* + `A cfj Yb 6fck b`6i]X]b[b#U
BY`]Y`Dc`UfX! K \Ufħcb	b"dc`UfX!k \Ufħcb4 i bgk "YXi "Ui	` \$`a]bg`VYžcfY`ĤY ħ ħcf]U`	%* + `A cfj Yb 6fck b`6i]X]b[b#U

GW\cc``7 cbhUW`i`bZcfa Uh]cb

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Fcca `%) -

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

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

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

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`*`

Gi a a UfmcZh\Y'7ci fgY

Gi V\Ww5fYU. EaU[S^l`adj

H\]g`Wci fgY`]bfcXi Wg`mci`hc`h\Y`gWcdY`UbX`dUfUa`YHfg`cZh\Y`gcWU`k`cf`_`dfcZ'gg]cb""`#idfcj`]XYg`Ub`cj`Yfj`]Yk`UbX`fU]cbU`Y`Zcf`h\Y`6GK`fk`cbgE`W`ff]W`i`a`VmidfYgYb]b[`cb`_YmiUfYUg`cZgcWU`k`cf`_`

5ggYgga Ybh

K YY_g%!('cZ`YWñ fYg`UbX`h hcf]U`g`k]`Wcj Yf`WcbhYbhñUhi]g`X]fYWñmFY`Yj Ubhñc`Wca d`Yh]cb`cZ
5ggYgga Ybh%žk \]Y`k YY_g`)!%%cZ`YWñ fYg`UbX`h hcf]U`g`k]`Wcj Yf`WcbhYbhñUhi]g`X]fYWñmFY`Yj Ubhñc`
Wca d`Yh]cb`cZ5ggYgga Ybh&""

H\]g`]g`k \mUññbXUbW`]g`]a dcfñUbhUbX`UWñj Y`dUfñ]dUñcb`UbX`Wca a i b]Wñ]cb`k]ñ`mci f`YWñ fYf`UbX`
h hcf]g`]g`YggYbh]U`""

; YbYfU`ZYXVUW`cb`UggYgga YbhWca d`Yh]cb`k]`VY`dfcj]XYX`]b`K YY_`*`cZHYfa`UbX`XYñU]YX`ZYXVUW`
k]`VY`dfcj]XYX`cb`mci f`a Ubi gW]dñg`D`YUgY`Ybgi fY`mci`fYUX`U`Wca a Ybhg`UbX`gYY`_\Y`d`YUfñ]Zmci
bYYX`]ñ`K Y`UfY`\YfY`h`YbWci fU[Y`UbX`gi ddcfñmci f`XYj Y`cda YbhUg`UWñj Y`UbX`fYZYI]j`Y`YUfbYfg`"

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_			

5 HbXUbW F Yei JfYa Ybhg

H\Y'GWcc`cZGcWU`GWYbWYg`YI dYWg`hUhgh`XYbhg`k`j`UthYbX`UbX`dUfhWdUth`UWj`Y`m]b`%\$\$i`cZ`YUfb]b[`UbX`hYUWk]b[`UWj]`hYg`"A`UbXUhcfmUthYbXUbW`cZWUggYg`Zcf`h]g`Wci`fgY`]g`dUfhcZ`hY`UWfYX]h]cb`fYei`JfYa`Ybhg`Zcf`hY`6GK`fk`cbgk`dfc[`fUa`"H\Y`Wci`fgY`]g`XYg][`bYX`hc`dfcj`]XY`YggYbh]U`YUfb]b[`]b`YUWk`gYa`]bUfZ`h]g`a`YUbg`mci`a`i`ghUthYbX`U`"\$\$gYa`]bUfg"

Zmci`UfY`i`bUVY`hc`UthYbX`U`WUggZ`mci`a`i`ghYa`U]`mci`f`Wci`fgY`hi`hc`f`UbX`hY`Wci`fgY`Wcbj`Ybcf`Uhmci`f`YUf]YghWcbj`Yb]YbW`"Zmci`UthYbX`Ygg`h`Ub`,`\$i`cZWUggYgZ`mci`a`UmVY`fYZ`gYX`Z]bU`UggYgga`Ybh`H\]g`a`YUbg`h`Uh]Z`mci`Xc`bchUthYbX`Uh`YUgh,`\$i`cZdcgg]VY`WUggYg`mci`f`Z]bU`Ugg][`ba`Ybhc`f`YI`Ua`a`Um`fYW]j`Y`U`a`Uf`cZnYfc`"Mci`UfY`fYgdcbg]VY`Zcf`_YYd]b[`fUW`cZmci`f`UthYbXUbW`UbX`Wcb]UW]b[`mci`f`Wci`fgY`Wcbj`Ybcf`fA`UfY`<`][`]bgk`]a`a`YX]Uth`m]Zmci`UfY`WcbWfYbYX`UVci`hmci`f`UthYbXUbW`fYWcfX`UbX`]hg`]a`dUWicb`mci`f`UV]`]mhc`Wca`d`Yh`mci`f`Wci`fgY`gi`WYggZ`"m: `cf`hY`di`fdcgY`cZUthYbXUbW`a`cb]hc]b[`z`hY`Z]bU`UggYgga`YbhZcf`h]g`Wci`fgY`]g`hY`Gi`Vg]Ub]j`Y`5gg][`ba`Ybhk`cfh`*`\$i`cZmci`f`cj`YfU`"fUXY`Zcf`h]g`Wci`fgY`"H\]g`]g`hY`UggYgga`Ybh]fYa`h`Uhk`j`"VY`[`fUXYX`UhinYfc`]Zmci`Xc`bchia`YYh`hY`UthYbXUbW`fYei`JfYa`Ybh`

7 ci fgY'GWYXi`Y`

[J Jk`WUgg`ha`YhUVY`](#)

H]a`YhUV`Y`

8UH	HmdY	7cbhYbh
K`YY`_%`%+`:`YVfi`Ufm!`&%`C`b`]bY`5Wj]`]m` :`YVfi`Ufm`		<p>hfcXi`W]cb`hc`hY`Wci`fgY`ZgY`ZUk`UfYbYgg`UbX`gY`ZWfY`</p> <p>H\]g`cb`]bY`UWj]`]m]k`j`Wcbg]XYf`ck`mci`f]g`ck`i`dfz`UbX`YghUV`]g`\`ck`mci`k`j`"ja`d`Ya`YbhgY`ZWfY`]b`hY`Wci`fgY`"</p> <p>B`MSew`afW`fZ[e`Suf[h]fk`US`TWg`VWfS]`W`bq]adfa`l`W]`#i`S`V`_`gef`TWUa`_`b`WVW`Tk`fZWW`V`aX`l`W]`#z`</p>
	Hi`hc]jU`	<p>hfcXi`W]cb`hc`hY`Wci`fgY`UbX`Wcbg]XYfU]cb`cZXYZ]b]h]cbg`cZgcWU`k`cf`_`</p>
	;`fci`d`5Wj]`]m`	<p>K`Y`Wca`Y`hc`GcW]U`K`cf`_`A`cfb]b[`HYU`</p> <p>H\]g`UWj]`]m]Z`ck`g`hY`@VW`fY`]b`K`YY`_%`UbX`U`gh`XYbhg`UfY`YI`dYWfX`hc`UthYbX`"</p> <p>8YH]g`?`a`VSk`#*fZ`8Wf]dg]Skl`(`Z)`b`_`t`agfe[VWfZW`WUfgdWfZ`WsfW]`5>4`</p>

	@YWhi fy	H\Y`dfcZYgg]cbU`UbX`j U`i Yg`VUgY`cZgcWU`k cf_`
K YY_&.&(: YVfi Ufm!`&, : YVfi Ufm	Hi hcf]U`	A Udd]b[`h\Y`_bck`YX[Y`VUgY`cZgcWU`k cf_`dfUW]W`"
	@YWhi fy	GcWU`k cf_`h\Ycfm`5b`cj Yfj]Yk`
K YY_".`&`A UfVX`!`*` A UfVX	Hi hcf]U`	:]Y`Xg`UbX`Wc`bhYI hg`cZgcWU`k cf_`dfUW]W`. `gYWc`fg]b`k` \]W`gcWU`k cf_`Yfg`dfUW]W`z`UbX`h\Y`md`Yg`UbX`Yj`Y`g`cZ]bhYfj`Ybh]cbg`h\Ymi`h`]`gY`"
	@YWhi fy	DfUW]W`Z]Y`Xg`z`Wc`bhYI hg`UbX`a`Yh`cXg`
K YY_(.`-`A UfVX`!`%` A UfVX	Hi hcf]U`	9I`d`cfU]cb`cZ`h\Y`Yh`]WU`UbX`j`U`i`Yg`Z`i`bXU]cb`cZ`gcWU`k`cf_`dfUW]W`"
	@YWhi fy	J`U`i`Yg`UbX`Yh`]Wg`]b`dfUW]W`
	5ggYgga`Ybh	5ggYgga`Ybh`%Xi`Y`:`f]XUm`%`h`A`UfVX`
K YY_)`. `%`A UfVX`!`&\$` A UfVX	Hi hcf]U`	DfUW]W`9I`Ua`d`Y`%`7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`
	@YWhi fy	DfUW]W`9I`Ua`d`Y`%`7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`
	Cb`]bY`5W]j`]m`	GY`YWz`]ghYb`hc`UbX`k`f]h`UVci`hU`dcXW]ghfY`Yj`Ubh`hc`gcWU`k`cf_`dfUW]W`z`UbX`Wc`a`a`Ybhcb`Uh`YUgh`hk`c`chYf`gh`XYbh]g`V`c[`g`"8`YhU]`g`k`]`VY`dfcj`]XYX`]b`A`ccX`Y`"H\]g`]g`hc`VY`Wc`a`d`Yh`X`VY`hk`YYb`K`YY_)`UbX`K`YY_`+`cZHYfa`"
K YY_*.`&`A UfVX`!`&+` A UfVX	Hi hcf]U`	DfUW]W`9I`Ua`d`Y`&.`7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`
	@YWhi fy	DfUW]W`9I`Ua`d`Y`&.`7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`
K YY_+.`\$`A UfVX`!`" 5df]`	Hi hcf]U`	DfUW]W`9I`Ua`d`Y`"`. `7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`
	@YWhi fy	DfUW]W`9I`Ua`d`Y`"`. `7`UgYk`cf_`z`7`ci`bgY``]b[`z`:`Ua`]m`K`cf_`z`7`ca`a`i`b]miK`cf_`z`F`YgYUfVX`cf`Dc`]W`h`

F Ygci fWg

DfYgW]VYX F Ygci fWg

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

≠mci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
H`Y`d`l`cb`Y`9I`H`fb`U`Gi`ddcfh`cb`-`,`)`'`'`'`%`cf`Ya`U]`h`Ya`cb`YI`H`fb`U`H`h`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f`l`*)`XUmg`U`m`Y`Uf`l`"≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`fb`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`l`hc`
]b`Wi`XY`Ug`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`bg]cb`Udd`]W`h]cb"≠mci`Ya`U]`9I`H`fb`U`Gi`ddcfh`mci`k`]`
Ui`h`ca`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`Ug`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`Ug`_`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]hb`cf`U`A`cc`X`Y`
Ugg][`ba`Y`bh`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`XY`h]g"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`bh`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`g`h`XY`bh`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`bh`a`cc`X`Y`"

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

D`U[]Uf]ga]g'i g]b['hY`k cfXg'cf]XYUg'cZchYfg'UbX'dfYgYbh]b['hYa`Ug'mci f'ck b" #WUbb`hU`Y`a Ubm
Zfa gZ`Zca`XY`]VYfUHY`WXUhf]b['hc`UWV]XYbhU`mW`dm]b[`Zca`U`gci fW`k]hCi hUW_bck`YX[Ya Ybh'

I BGK`[fci dg'd`U[]Uf]ga`]bhc`hY`Z`ck]b[`WUHY`[cf]Yg.

7cdm]b[.`i g]b['hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg'hc`hY`cf][]bU`hYI hcf]XYU`k]hCi hUW_bck`YX[]b['hY`
gci fW`cf`i g]b[`ei chU]cb`a Uf_g" `H\]g`U`gc`Udd`Yg`hc`]a U[YgZ`UfhUbX`XYg][`b`dfc`YWgZ`Ug`k Y`Ug`
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k cfXg`k]hCi hWYX]h'

#Uddfcdf]UHY`dUfUd`fUg]b[.`7`U`b[]b[`U`Zk`k cfXg`UbX`d`fUgYg`k`Y`a`cghmifYU]b]b['hY`cf][]bU`
g]fi W`fY`UbX`#`f`dfc[`fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`Z`UbX`]bZ`fa U]cb`k]hCi hUW_bck`YX[Ya Ybh`H\]g`U`gc`
Udd`Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k cfXg`k]hCi hWYX]hUbX`hc`
d]YW]b[`hc[Y`hYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`c`Y`Z`k]hCi hUddfcdf]UHY`fYZYfYbW]b["

7c`i`g]cb.`k`cf_]b[`k`]h`chYfg`Vi`hdUgg]b[`cZ`hY`k`cf_]`Ug`U`dYfgcb`g`]bX]j`]Xi`U`k`cf_]`7c`i`g]cb`U`gc`
]bWi`XYg`dfcj`X]b[`mci`f`k`cf_]`hc`UbchYf`gh`XYbhVYZ`fY`hY`Xi`Y`XUHY`Z`cf`Z`f`hY`di`fdcgY`cZ`hY`a`
d`U[]Uf]g]b[`Uh`Ubm]h`a`Y`Z`dUm]b[`UbchYf`dYfgcb`hc`dYfZ`fa`Ub`UWUXYa`]W]Ug`_`Z`ghYU`]b[`cf`UW`ei`]f]b[
UbchYf`dYfgcb`g`UWUXYa`]Wk`cf_]`UbX`W`dm]b[`]h`c`ZYf]b[`hc`W`a`d`Y`h`UbchYf`dYfgcb`g`k`cf_]`cf`gYY_]b[
dUma`YbhZ`f`W`a`d`Y`h]b[`UWUXYa`]Wk`cf_]`

#Uddfcdf]UHY`W]U]cb.`7`h]b[`gci`fW`g`k`]\]W`Uj`Y`bchVYYb`fYUXZ`k]hCi hUW_bck`YX[]b[`hY`"gYW`bXUfm`
gci`fW`Z`ca`k`]\]W`_bck`YX[Y`cZ`hY`a`U`g`VYYb`cV]U]bYX"

8i`d`]W]h]cb`f`f`gY`Z`d`U[]Uf]ga`"L`gi`Va`]h]b[`mci`f`ck`b`k`cf_]`b`k`c`Y`cf_]b`dUf`Z`k`Y`fY`]h`Ug`dYj`]ci`g`m`
VYYb`dfYdUfYX`cf`gi`Va`]hYX`Z`f`UbchYf`UggYgga`Ybhcf`W`i`fgY`UhI`BGK`cf`UbchYf`i`b]j`Yfg]m`

7cffYW`fYZYfYbW]b[`dfUW]W]g.

- DUfUd`fUg]b[`Z`gi`a`a`Uf]g]b[`Z`YggUm`k`f]h]b[`UbX`h`a`Y`a`UbU[Ya Ybh
- 5ddfcdf]UHY`i`gY`cZ`UbX`U]h]f]Vi`h]cb`Z`f`U`fUb[Y`cZ`a`U]h]f]U`g`]b`\$ % U,

5 WUXYa]WbZcfa Uhcb`

: cfYggYbh]U`ghi XYbh]bZcfa Uhcb`fY`Uh]b[`hc.

- fYei Yghg`ZcfYI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]m]UbX`X]gUV`]m/
- UbX`chYfYggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\hdg.#k k k "Ufmg"i bgk "YXi "Ui #W ffYbhghi XYbh\]bZcfa Uhcb`dfc\]Vc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7 fYX]h

A UfYY`<][[]bg`

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7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- , ;