

MINE3630

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HYfa " Z&\$&%



7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]UV]`]m	@cWU]cb	D\cbY
>ci b[`C \	^ci b["c\4 i bgk "YXi "Ui	Uj U]UV`Y`Vm Uddc]bta Ybh	%) - _žCA 6	\$&- ' ,) \$\$ &

GWXcc``7cbHJW`bZcfa Uh]cb

GWXcc``cZA]bYfU`g`UbX`9bYf[mF Ygci fWg
C`X`A U]b`6i]X]b[ž@Y] Y`%ž%) - `fP %) Ł
I BGK `GMBB9MBGK `&\$) &`5I GHF 5@5

[9b\[\]bYYf\]b\[`Gh XYbhGYfj \]Wg`](#)

9.`a YfY`HUVX]b[4 i bgk "YXi "Ui

K .`k k k "Yb[]bYYf]b["i bgk "YXi "Ui #a]bYfU`g!YbYf[mFYgci fWg

7ci fgY'8YHJ]`g

I b]hg'cZ7fYX]h*`

Gi a a UfmcZ\Y'7ci fgY

WUbfYgi`h]b`hLY`Uk UfX`cZUb`I`bgUhgZJWc`fm: U]i`fY`fl` : E[`fUXY`Zc`f`hLY`7`ci`fgY`"D`YUgY`bcH`Z`U
Wc`a`dYh`bWm`i`fX`Y`cZ)`\$i`]g`Udd`]YX`hc`hLY`Z`bU`UggYgga`Ybh`

5ggi`a`YX`?`bck``YX[`Y`

H\]g`Wc`i`fgY`Uggi`a`Yg`h`UhU`ghi`XYbh`

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: cfa U`9I Ua

5b`YI Ua`]b`h\Y`Zcfa U`YI Ua]bUh]cb`dYf]cX`Uhih\Y`YbX`cZgYa YghYf`k]`VY`\Y`X`cb`a` UHf]U`Wc`j`YfYX`]b`h\Y`8f`]b[`UbX`6`Ugh]b[`a`cXi`Yg`cZh\Y`Wc`i`fgY`"H\Y`YI Ua]bUh]cb`k]`VY`WcgYX`Vcc`_`z`U`b`YVW`ggUfmZcfa`i`UY`k]`VY`dfcj`]XYX`cb`h\Y`YI Ua` `dUdYf`"

: i` ``a` Uf_g`Zcf`Ub`Ugg][`ba`Ybhc`f`YI Ua]bUh]cb`ei`Ygh]cb`WUb`VY`c`VHU]bYX`k` \YfY.

- ""H\Y`bi`a`Yf]WJ`"fYgi`h`]g`gi`VghUbh]UH\X`VmU`b`Ubgk`Yf`Wc`a`df]g]b[`U`Wc`a`d`YH`a`U`h\Ya`U`h]WJ`k`cf_]b[`k`]h`Uddfcdf]UH`Y`XY`Z]b]h]cbg`z`Uggi`a`d]h]cbg`z`YI`d`UbUh]cbg`UbX`g`_`Y`h\X`X]U[`fUa`g`U`h`Y`U`W`X`g`h]U[`Y`"
- ""H\Y`fYgi`h]g`bi`a`Yf]WJ`m`Wc`ffY`W`z`k`]h`h\Y`Wc`ffY`W`h`i`b]hg`z`a`U[`b]h`i`XY`UbX`g][`b`"
- ""H\Y`Uddfcdf]UH`Y`bi`a`VYf`c`Zg][`b]Z]W]bh]Z][`i`fYg`\Uj`Y`VYYb`fYdc`f`h`X`]b`h\Y`fYgi`h`UbX`h\Y`U`W`W`f`U`W`m`c`Z`h`Y`fYgi`h`\Ug`b`ch`VYYb`Wc`a`dfca`]gYX`Vmfc`i`bX]b[`Yffc`fg`"

H\Y`gh XYbhg\ci `X`VY`Wc[b]gUbhihUhU`fUb[Y`cZJWc`fg`UfY`cZfYb`VY]b[`UggYggYX`]b`UbmcbY
Ugg][ba Ybh/bch↑ ghk \Yh.Yf`h.Y`Z]bU`fYgi `hg`UfY`bi a Yf]W`mWc`ffYW`7`cbg]XYfU]cb`]g[]j Yb`hc`c`h.Yf
fY`Yj UbhY`Ya Ybfg`hUhVc`bhf]Vi h`hc`h.Y`@YUfb]b[`C i h`Wc`a Yg`cZh.Y`Wc`i fgY`Ug`k Y`Ug`h.Y` ; fUXi UhY
5hf]Vi h`g`cZh.Y`c] YfU`XY[fYY`dfc[fUa `"

H\Y`gh XYbh]g`W]i h`cbYX`U[U]bgha YfY`mi`g]b[`h.Y`UggYgga YbhW]h`f]U`Ug`U`WXYW`_]gh`K `Yb`UggYgg]b[
Ub`Ugg][ba Ybhz`Y`Ya Ybfg`]b`h.Y`Z]Ua Yk`cf`_`k`]`VY`Yi Ua`]bYX`]b`h`fa`g`cZei`U`]mUbX`WfYU]j`]m`<`YbWf

8i Y`XUHY. `K]`VY`gWXYXi `YX`Xi f]b[`h\Y`bcfa U`YWH fy`dYf]cX`]b`h\Y`k YY_ ; `cf-

%) `a `]bi hYg`dfYgYbhU]cb`UbX`) `a `]bi hYg`E #5

; fci d`k cf_

: YYXVUW_`dfcj]YX`j]U`h\Y`YUfb]b[`a UbU[Ya Ybhgm]hYa `f@A GŁ

5ggYgga Ybh`W]hYf]U

H\Y`W]hYf]U`]g[]j Yb`hc`ghi XYb]g`k]h`gYa]bUf`dfYgYbhU]cb`hcd]Wg"

5ggYgga Ybh' . ; fci d`5gg][ba Ybh

8i Y`XUHY. %) #&\$&\$&%\$) . \$\$`DA

; fci d`fYdcfh]c`dfYdUfY`V`UghXYg][bgz`Wc]gh]b[`UbX`c`h\Yf`UbU`mgYg`Zcf`U[]j Yb`gi fZJW`cfi bXYf[fci bX
a]b]b[`cdYfU]cb

: YYXVUW_`dfcj]YX`j]U`h\Y`YUfb]b[`a UbU[Ya Ybhgm]hYa `f@A GŁ

5ggYgga Ybh`W]hYf]U

H\Y`XYhU]YX`W]hYf]U`]g`dfcj]YX`cb`h\Y`A ccX`Y"

5ggYgga Ybh(. :]bU`9I Ua

&`\ci fg""

7cj Yf`8f]`UbX`6`UghVc]bhYbH

	UWij]m		

F Ygci fWg

DfYgWf]VYX F Ygci fWg

F 9: 9F 9B 79 F 9GCI F 79G

%""F YZYfbWw A UHf]U`g

- ""G99'6`UghYfg`< UbXVcc_`"GcWYmzcZ9I d`cgj] Yg`9b[]bYYfg`bW`% h`YX]hcbz`&\$%%f`bHYfbUhcBU` GcWYmzcZ9I d`cgj] Yg`9b[]bYYfg.`7`Yj`Y`UbXZi` G5E`
 - ""6`Ugh]b[`df]bW]d`Yg`Zf`cdYb`d]ha]b]b[`UbX`h`YcfYh]WU`Zci`bXU]cbg"K`]`Ua`<i`gfi`]X" F`cHYfXUa` .`5"5" 6U`_Ya` UZ`%`-`-`"
 - ""DfUW]WU`6`Ugh]b[`: i`bXUa`YbH`gZ`bHYfbUhcBU`GcWYmzcZ9I d`cgj] Yg`9b[]bYYfg`
 - ""8f`]"b[`UbX`V`Ugh]b[`cZfcW`g"7`Ufcg`@cdYn`>]a`YbcZ`9a`]]c`@cdYn`>]a`YbcZ: fUbW]gW`>Uj`Yf`5ntU`U 7UfW`Xc"z`F`cHYfXUa`z`BY".`5"5"6U`_Ya` UZ`W`%`-`)"
 - ""C`dYb`D]h`6`Ugh8Yg][`b`-`UbU`mg]g`UbX`cd]h]a`]gU]hcbz`>? A`F`7`A`cbc[`fUd`\`%Z`I`b]j`Yfg]micZE`i`YYbg`UbXz`%`-`*`"
 - ""F`cW`_9I`WUj`U]hcb`< UbXVcc`_z`GUbXj`_]`HUa`fcW`_7`cfdcfU]hcbz`%`-`-`
 - ""F`cW`_6`Ugh]b[`UbX`9I`d`cgj] Yg`9b[]bYYf]b[`""DYf!5bXYfg`DYfggcbz`F`c[`Yf`<c`a`VYf[`z`>U]a`]b`@YY"z`6cWU`F`UhcBz: `U".`7`F`7`DfYggz`%`-`("
 - ""I`bXYf[`fci`bX`A`]b]b[`A`Yh`cXg.`9b[]bYYf]b[`: i`bXUa`YbH`g`UbX`bHYfbUhcBU`7`UgY`Gh`X]Yg" <i`gfi`]Xz`K`5z`6i` `cW`z`F`"fYX"z`&\$`%`f`GcWYmzcZ`f`A`]b]b[`A`YH`i`f[`m/`_9I`d`cfU]hcb. @]hYrcbZ`+`&`,`d`"
 - ""GA`9`A`]b]b[`9b[]bYYf]b[`< UbXVcc`_z`&\$`%`z`DYHf`8Uf]b[`fYX"z`G`6B`-`+`,`\$`,`+`'`)`&*(`&`
 - ""7`cgh9g]h]a` U]hcb`< UbXVcc`_z`f`h`Y`5i`ghfU]Ub`A`]b]b[`bXi`ghf`z`5i`g`A`A`
 - ""k`k`k`"Ui`gh]"YXi`"Ui`-`Z`f`U`5`Wg/`F`Y[`i`U]hcbg`Z`f`U`ghU]Yg`UbX`hYff]hcf]Yg`
- &""C`hYf`F`Ygci`fWg`
C`hYf`a`U]hcf]U`h`Uhg`lci`X`VY`fY`Z`fYX`h`c`]b`W`b`b`bW]cb`k`]h`h`]g`7`ci`fgY`C`i`h]bY`]bW`i`XY.`
- ""@YUfb]b[`; i`]XY.`A`UW`]bY`A`]b]b[
 - ""@YUfb]b[`; i`]XY.`8f`]"b[
 - ""@YUfb]b[`; i`]XY.`6`Ugh]b[
 - ""A`cXi`Y`F`YUXYf`-`A`UW`]bY`A`]b]b[.`9`Ya`YbHg`cZA`UW`]bY`A`]b]b[

""C b]bY F Ygci fWg

H\YfY`UfY`bi`a`Yfci`g`Ufh]WYg`#]bZcfa`U]hcb`gci`fWg`cb`fYgYf]c]fYb[]bYYf]b[`cb`h`Y`k`YV" A`UbmicZ`h`Ya`UfY`gci`bXz`Vi`ha`UbmiUfY`Y`h`Yf`j`Yfm]"[\h`k`Y][\hcf`W`b`h]b]Yffc`fg"6`Y`j`YfmWUfYz`]"b`mci`f`W`c]W`c`Zk`YV`gci`fWg" F`Ya`Ya`VYfzI`BGK`]"VfUf]Ub]g`UfY`i`gi`U`m`Uddmhc`Y`d`mci` `cW]hY`Ufh]WYg`c`f`a`U`_Y`gi` [[Ygh]cbg`fY[`UfX]b[`dcgg]V`Y`a`U]hcf]U`h`c`Y`d`mci`]b`mci`f`UWUXYa`]Wk`cf`_`Mci`W]b`U`gc`UW]gg`VUg]Wcb]bY`Y`d`Uh` \h`d`.#k`k`k`]"VfUf]m`i`bgk`"YXi`"Ui`#`
(""F`YdcfhK`f]h]b[`; i`]XY`
H\Y`GW`cc`"Ug`U`F`YdcfhK`f]h]b[`; i`]XY`f`F`K` ;`E`Uj`U]UV`Y`"5`W`c`d`micZ`h`]g`]g`Uj`U]UV`Y`cb`h`Y`W`ci`fgY`
A`ccX`Y`g]h`"

F YWca a YbXYX F Ygci fWg

I`BGK`A`]bYfU`g`UbX`9bYf[`mF`Ygci`fWg`9b[]bYYf]b[`dfcj`]XYg`V`YbXYX`YUfb]b[`i`g]b[`h`Y`cb!]`bY`A`ccX`Y`
@A`G`f`@YUfb]b[`A`UbU[`Ya`YbhGmg]h`Ya`E`

h]g`YggYbh]U`h`Uhmci` \Uj`Y`UW]gg`h`c`U`D7`cf`bchYVcc`_W`ca`di`h`f`"A`cV]Y`XYj`]W]g`gi`W`Ug`ga`Ufhid`cbYg`
UbX`hUV`Yhg`a`Um`W`ca`d`]a`Ybh`YUfb]b[`z`Vi`h`UW]gg`h`c`U`D7`cf`bchYVcc`_W`ca`di`h`f`]g`U`gc`f`Yei`]fYX" `B`chY`
h`Uhgca`Y`gdYW]U`ghYb[]bYYf]b[`gc`Zk`UfY`]g`bchUj`U]UV`Y`Z`f`A`UW]ca`di`h`f`g`"

A]b]b['9b[]bYYf]b['Gh XYbfg. 'CA 6'; (,
DYfc`Yi a '9b[]bYYf]b['Gh XYbfg. 'H9H6 '@, ' (/ '@ ' ')
.

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

: cfi a `k]`VY`i gYX`fc`VYhYf`Wca a i b]W]h`k]h`gh XYbfg"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

H\Y'GWcc`\Ug'XYj Y'cdYX'U'[i]XY'jby'fc \Y'd'mci 'k \Yb'gi Va]h]b['U'W'i fgY'Ugg][ba YbH'

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

Mci f`YWñ fYf`UbX`hY`I` b]j Yfg]m]k]`YI dYWñmci f]gi Va]H`X`Ugg][ba Ybñg`UfY`hfi`mimci f`ck b`k cf_"I BGK \Ug`j Yfm`WYUf`[i]XY`bYg`cb`k \Uhd`U[]Uf]ga]g`UbX`\ck`hc`Uj`c]X`]H`D`U[]Uf]ga]g`i`g]b[`hY`k`cfXg`cf]XYUg`cZ`ch`Yfg`UbX`dfYg`Ybñ]b[`h`Ya`Ug`mci f`ck b`D`U[]Uf]ga]g`U`hmd`Y`cZ]bñY`YWñ U`h`Y`Z`ñ`ñ`Wb`hU`_`Y` a`Ubm`Z`cfa`g`Z`Z`ca`X`Y`]VY`fU`h`W`X`Y`U`h]b[`hc`U`W`W`X`Y`b`h`U`m`i`W`d`m]b[`Z`ca`U`g`ci`f`W`k`]h`ci`h`U`W`b`ck`Y`X`[`Ya`Y`b`ñ` H`Y`I` b]j Yfg]m]k \Ug`U`X`cd`h`X`U`b`Y`X`i`W`h]j`Y`U`dd`f`c`U`W`hc`d`U[]Uf]ga`U`b`X`\`U`g`X`Y`j`Y`c`d`Y`X`U`f`U`b[`Y`c`Z` f`Y`g`ci`f`W`g`hc`gi`d`d`c`f`h`g`h`X`Y`b`ñ]"5`h`Y`X`Y`h]j`g`c`b`d`U[]Uf]ga`Z`b`W`i`X]b[`g`ca`Y`i`g`Y`Z`f`Y`g`ci`f`W`g`Z`W`b`V`Y` Z`ci`b`X`U`h`[k`k`k`"gh`XY`b`ñ`i`bgk`"Y`X`i`"U`i`#`d`U\[\]Uf\]ga`"](#)

5`A`]b]b[`9`b[]b`Y`Y`f]b[`gh`X`Y`b`ñg`U`f`Y`f`Y`ei`]f`Y`X`hc`W`ca`d`Y`h`U`g`h`i`X`Y`b`h`X`Y`W`U`f`U`h]c`b`Z`c`f`U`W`X`Y`a`]W]b`h`[`f]m` k`\]W`]g`ci`h]b`Y`X`]b`h`Y`U`gg][ba YbñW`Z`j`Y`f`g`\`Y`Y`h]"6`m`g][b]b[`h]g`X`Y`W`U`f`U`h]c`b`Z`mci`U[`f`Y`Y`h`U`h`mci`f`k`cf_]g` mci`f`ck`b`cf][]b`U`k`cf_"

z`mci`b`Y`Y`X`g`ca`Y`U`X`X]h]c`b`U`gi`d`d`c`f`h`k`]h`mci`f`k`f]h]b[`g_]`g`Z`d`Y`U`g`Y`W`c`b`h`U`W`h`h`Y`@`Y`U`f`b]b[`7`Y`b`h`Y`c`f`j`]Y`k` g`ca`Y`c`Z`h`Y`f`Y`g`ci`f`W`g`c`b`h`Y]f`k`Y`V`g]h`Y`[k`k`k`"Wi`bgk`"Y`X`i`"U`i`"](#)H`Y`@`Y`U`f`b]b[`7`Y`b`h`Y`]g`X`Y`g][b`Y`X`hc`\`Y`d` mci`]a`d`f`c`j`Y`mci`f`U`W`X`Y`a`]W`k`f]h]b[`U`b`X`W`ca`a`i`b]W`h]c`b`g_]`g`"G`ca`Y`g`h`i`X`Y`b`ñg`i`g`Y`h`Y`7`Y`b`h`Y`g`Y`f]`]W`g` V`Y`W`i`g`Y`h`Y`m`U`f`Y`Z]b`X]b[`h`Y]f`U`gg][ba Ybñg`U`W`U`Y`b[`Y`Z`c`h`Y`f`g`V`Y`W`i`g`Y`h`Y`m`k`U`b`h`c`]a`d`f`c`j`Y`U`b`U`f`Y`U`X`m` gi`W`W`g`g`Z`U`W`X`Y`a`]W`d`Y`f`Z`c`fa`U`b`W`"

5 WUXYa]W=Zcfa Uh]cb

7 ci fgY`F Ygi `hg

: cf`XYHJ]g`cb`l BGK `UggYgga Ybhd`Wzd`YUgY`j]g]h [k k "gh XYbhi bgk "YXi "Ui #UggYgga Ybh](#)

K Y`UW_bck `YX[Y`hY`6YXY[U`dYcd`Y`k \c`UfY`hY`hfUX]hcbU`W ghcX]Ubg`cZhY`UbXg`cb`k \]W`l BGK
? Ybg]b[hcb`Wla di g`lg`cW]hYX"

