

# **POLS5129**

H\Y: cfY][b'Dc`]W]Yg'cZh\Y; fYUhDck Yfg

# 7ci fgY Cj Yfj ]Yk

## GHJZZ:7cbHJWh:8YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`] <b>m</b>	@cWUh]cb	D\cbY
5bXfYU <sup>*</sup> 6Ybj Ybi f	UbXfYU"VYbj Ybi f]4 i bgk "YXi "Ui	Ua `\Uddmhc X]gW gg`UWUXYa ]W UbX`ch\Yf`a UhhYfg	fcca '%( * ž'%gh Zccfž'GW.cc``cZ GcWJU` GWJYbWYgž A cfj Yb'6fck b 6i ]`X]b[ ž I BGK	

### GWXcc`7cbHJWhi±bZcfa Uh]cb

GWkcc``cZGcWJU``GWJYbWYg

Fcca '%) -

A cfj Yb 6fck b 7 &\$

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

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

### 7ci fgY 8YHJ] g

### 7 fYX]hDc]bhg\*\*

### Gi a a UfmcZh\Y'7ci fgY

H\]g'Wci fgY YI Ua ]bYg'h\Y ZcfY][ b'dc']WJYg'cZU'bi a VYf'cZ]bZi YbhJU'dck Yfgz']bWi X]b[ 'h\Y'I b]HYX'GHUHYgž 7\]bUz'±X]Uz'6f]HU]b UbX: fUbW'z'Zfca '%-() 'hc'h\Y'dfYgYbh' ±0 Xc]b[ 'gcz']hZcW gYg'cb'h\Y'dfcV'Ya gz hfYUhg'UbX'W\U''Yb[ Yg'h\UhWcbZcbhYX'h\YgY'dck Yfg'Xi f]b[ 'h\Y'7 c'X'K Uf'UbX']b'h\Y'dYf]cX'Zc''ck ]b[ 'h\Y Wc''UdgY'cZh\Y'c'X'V]dc'Uf'gmghYa /]hUggYggYg'\ck 'h\YgY'dck Yfg'dYfW']j YX'h\YgY'dfcV'Ya gz'h\fYUhg'UbX W\U''Yb[ Ygz'\ck 'h\YmfYUWhYX'hc'h\Ya 'UbX'k\Uhdc']MJYg'h\Ymdi h]b'd'UW''hc'cZZgYhh\Ya "''< YbW'z']hUgc X]gW ggYg'h\Y'dfcWfggYgz'h\Y']bgf]hi fjcbg'UbX'h\Y'UWcfg']bj c'j YX']b'ZcfY][ b'dc']Wha U\_]b[ 'UhbUhjcbU'' 'Yj Y''''-±0'UXX]hjcbz'h\]g'Wci fgY'bchcb'mUbU'mgYg'h\Y'[ Ycdc']hJWJ'z'a ]']HUfmz'YWcbca ]WUbX'Xca YghJW WcbgHU]bhg'i bXYf'k\]W\h\YgY'dck Yfg'UWhYXz'Vi h]hU'gc Wcbg]XYfg'h\Y'YWcbca ]WUbX'xa YghJW WcbgHU]bhg'i bXYf'k\]M\N'YgY'dck Yfg'UWhYXz'Vi h]h'U'gc Wcbg]XYfg'h\Y'YWcbca [WUbX'a ]']HufmwUdUV]']hJYg h\YmfY']YX'cb']b'di fgi UbW'cZh\Y]f'ZcfY][ b'dc']WmcVYWf]j Yg''@UghVi hbch'YUghz']h'Wcbg]XYfg']a dcfHUbh XYj Y'cda Ybhg']b'k cf'X'dc']hJWg'cZh\Y'&\$h\ Wbh' fmgi W\Ug'h\Y'k cf'X'k Ufgz'h\Y'W\Ub[]b[ 'k\ cf'X'YWcbca mz h\Y'7 c'X'K Ufz'XYWc'cb]nUhjcb'UbX'wcbZ]Wh']b'h\Y'XYj Y'cd]b[ 'k\ cf'Xz'9i fcdYUb']bhY[fUfjcb'UbX WcbhYa dcfUfmifYbXg'Zc'`ck ]b[ 'h\Y'YbX'cZV]dc'Uf]m''H\Y'Wci fgY']g'gdYWJZJW'`mXYg][ bYX'Zc'h\cgY dcgf[fUXi UhY'gh XYbhg'k\c'Ufy']bhYfYghYX']b'WcbhYa dcfUfmX]d'ca UWhUbX'ghUhY'WUZhz'UbX'k\c'Ufy'\_YYb'c' bx' bXYfgfUbX'\ck 'h\Y'k cf'Xfg'a U'c'f'dck Yfg'gci [\h'h'c'di fgi Y'h\Y]f'bUhjcbU'']bhYfYghy'a "

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

- %" 5 b`UddfYV]Uh]cb`cZ\_Ym`UgdYWhg`cZh\Y`ZcfY][b`dc`]M]Yg`cZh\Y`&\$h\`WYbhi fm¾€™g`a U`cf'dck Yfg &" Hc`dfca chY`Ub`Uk UfYbYgg`cZh\Y`\]ghcf]WU`ž'dc`]h]WU`ž'ghfUhY[]WUbX`YWcbca ]WZUWhcfg`h\Uh\Uj Y g\UdYX`h\Y`ZcfY][b`dc`]M]Yg`cZh\YgY`dck Yfg"
- ' " Hc`XYj Y`cd`ghi XYbhg¾€™'g\_]``g`]b`UfYUg`cZfYgYUfW\`Ug`k Y```Ug`hc`XYj Y`cd`ghi XYbhg¾€™'WUdUW]hm Zcf`Wf]h]WU``UbU`mg]g

### HYUW ]b[ 'GhfUhY[ ]Yg'

H\Y`Wci fgY`]g`fUi [\hih\fci [\`cbY`fk c!\ci f`gYa]bUf`YUWX`k YY\_"'H\Y`k YY\_`mgYa]bUf`k]``]bWi XY`U (\$!a]bi hY`dfYgYbfUh]cb`Vmih\Y``YWfi fYf`cb`fh\Y`fcd]WZcf`Wcbg]XYfUh]cbž`Zc``ck YX`Vmghi XYbhdfYgYbfUh]cbg cb`cbY`cf`a cfY`gYa]bUf`ei Ygh]cbgž`UbX`[YbYfU``WUgg`X]gW gg]cb"H\Y``YWfi fYf`k]```YUX`fh\Y`X]gW gg]cb VYfk YYb`WUgg`dUfh]W]dUbhg"`H\Y`[YbYfU``X]gW gg]cb`]g`]bhYbXYX`fc`XYj Y`cd`fh\Y`ghi XYbhg'`i bXYfgfUbX]b[`cZh\Y`k YY\_`mfYUX]b[`a UhYf]U`"`9UWX`ghi XYbhik]```VY`fYei]fYX`fc`a U\_Y`cbY`dfYgYbfUh]cb`Zfca `U`fUb[Y`cZgYa]bUf`X]gW gg]cb`fcd]Wg"

#i]g`YggYbh]U``h\Uhgh XYbhg`Wca Y`hc`WUgg`Z ``mdfYdUfYX`hc`Wcbhf]Vi hY`hc`h\Y``YUfb]b[ 'Ybj ]fcba Ybh' < YbW'ž'h\Yma i gh'Wca d`YhY`U``h\Y`fYei ]fYX`k YY ``mfYUX]b[ g`]b`dfYdUfUh]cb`Zcf`gYa ]bUfg`fUbXž']Zdcgq]V`Yž

U``ck 'gh XYbhg'hc'Yl d`cfY'U'dUfh]W'`Uf']ggi Y']b'XYdh\'k\]Y'Yl dUbX]b[''h\Y]f'g\_]``g']b'k f]hYb'UWUXYa ]W 9b[`]g\'UbX'fYgYUfW\'g\_]``g'Ug'k Y```Ug']b'hYfa g'cZWbghfi Wf]b['U'Wc\YfYbh'UbX'Yb['U[]b['Uf['i a Ybh''5bX Z]bU``mž'U'Z]bU``]b!WUgg'hYgh'k]``'Ybgi fY'h\Uh'ghi XYbhg'UfY'YbhJfY`m'ZJa]`]Uf'k]h\'h\Y'Wci fgY'g'fYUX]b[ a UhYf]U'"

### 5ggYgga Ybh

5 g][ b]Z]WUbh'UgdYWicZDC@G) %-- ']g'h\Y'YI Ua ]bUhjcb']b XYdh\cZU'\mdch\YhJWJ'WgYgh XmVUgYX'cb'U fYU'!k cfX'ZcfY][ b'dc']WindfcV'Ya "'H\Y'&\$&%WJgY'gh Xmž"Fi gg]U'UbX'B5HC']b'h\Y'6U'hJ\g'z\Ug'VYYb gY'YWfX'Zcf']hg'W ffYbhgU']YbW'UbX'YbXi f]b[ 'j U'i Y" \dig \_YmU]a ']g'hc'Yb[ U[ Y'gh XYbhg'k]h\'h\Y'Wca d'YI XmbUa ]Wg'cZU'a U'cf'ZcfY][ b'dc']WindfcV'Ya 'UbX'hc'\Y'd'h\Ya 'VYhhYf'UddfYWJUhY'h\Y'W\U'Yb[ Y'cZ Zcfa i 'Uhjb[ 'UbX']a d'Ya Ybhjb[ 'ZcfY][ b'dc']Win]b'U'\][ \`mWca d'YI 'UbX']bhYfXYdYbXYbhk cf'X"'Hc'UW\]Yj Y h\]g'[ cU'zDC@G) %- 'UggYgga Ybha ]I 'fY']Yg'g][ b]ZJWJbhmcb'h\Y'ZcfY][ b'dc']WinfYj ]Yk 'Ug'Ub']bj U'i UV'Y hcc'hc'ZcghYf']bXYdYbXYbhfYgYUfW\zWf]hJ\WJ'h\]b\_]b[ z'YZYWhj Y Wca a i b]WJhjcbz'UbX'dfcV'Ya !gc'j ]b[ "'K ]h\h\]g']b'a ]bXz'h\Y'Wci fgY']bglfi Whcf'\Ug'U'gc'Vi ]`hU'g][ b]ZJWJbhdUfficZh\Y'Wci fgY'WcbhYbhUfci bX'h\Y'UVcj Y WJgY'gh Xm'' < Y'\Ug'XcbY'gc'bchcb'mhc'ZJWj]hJhY'h\Y'gh XYbhg''HJg\_'cZXYU']b[ 'k ]h\ j YfmWca d'YI 'ZcfY][ b'dc']WindfcV'Ya g'Vi hU'gc'hc'Ybgi fY'h\Uhh\YmZ ``mYb'cmUbX'VYbYZhZca 'h\]g'YUfb]b[ 'YI dYf]YbW''

### 5ggYgga Ybh HUg\_g

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9bX`cZGYa YghYf`±0!7`Ugg HYgh	' \$I	5 b cb`]bY hYghk]``VY gYhi d cb A ccX`Y" \dik]``hU_Y d`UW ]b k YY_'%%": i fh\Yf ]bghfi Whcbg k]``VY dfcj]XYX Uhh\Y ghUfhcZHYfa ''"	%ž &
DfYgYblUljcb	%) ।	Xif]b['mcif'WkcgYb dfYgYbHJH]cb'kYY_	%ž'&ž''
: cfY][ b'Dc`]WhiF Yj ]Yk '	))।	%%\$(#&\$&\$`%%\$\$`DA	%ž'&ž''

### 5ggYgga Ybh8YhJ]`g

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GHUfhXUhY. Bch5dd`]WUV`Y

@Yb[h\.'&) a ]bi hYq

#### 8YW]`q.

Mci 'k ]``'VY'fYei ]fYX'hc'Wca d`YhY'Ub'YbX!cZgYa YghYf'hYgh'Wcbg]gh]b['cZa i `h]d`Y'Wkc]WY'UbX'hfi Y#U`gY ei Ygh]cbg"'H\Y'hYgh']g'XYg][ bYX'hc'UggYgg'mci f'\_bck `YX[Y'UbX'i bXYfghUbX]b['cZh\Y'a UhYf]U`'Wcj YfYX']b WUgg"

#### 5XX]h]cbU`XYhU]`g.

 $D`YUgY`a\ U\_Y`gi\ fY`h\Uhimci `Xc`bcha ]gg`h\Y`hYghUg`]hk ]```bchVY`fYdYUhYX"`D`YUgY`U`gc`VY`fYa ]bXYX`h\Uhih h\]g`]g`BCH`Ub`cdYb!Vcc_`hYghUbX`h\UhiUbmYj ]XYbWY`cZWXYUh]b[ `k ]```VY`di b]g\YX"$ 

Hi fb]h]b gYh]b[. H\]g ]g bchU Hi fb]h]b Ugg][ ba Ybh

5ggYgga Ybh'& DfYgYbhJh]cb

GhUfhXUhY. Bch5dd`]WUV`Y

@Yb[h\."\*"a]bihYg

8YHJ]`g.

5 ZcfY][ b'dc']WmfYj ]Yk ']g'U'a U'cf'd]YW'cZk f]h]b[ 'i gYX'Vm: cfY][ b'A ]b]ghf]Yg'Ufci bX'h\Y'k cfX'hc'[ i ]XY dc']WmXYj Y`cda Ybh''5 fYj ]Yk 'k ]`''UbU`mgY'dc']h]WJ`'fVi h'U'gc'YWcbca ]WUbX'ghfUhY[ ]WEXYj Y`cda Ybhgž Wca dUfY'dc']Wmcdh]cbgž UbX'dfcdcgY'gdYW]Z]Wdc']WmfYWca a YbXUh]cbg''H\]g'Yl YfW]gY ']g'XYg][ bYX'hc'hYgh mci f'i bXYfghUbX]b[ 'cZfYU'!k cf'X'dfcV'Ya g'UbX'mci f'UV]`]lmhc'dfcXi W''gci bX'dc']Wm'\X [Ya Ybhg'''+b UXX]h]cbž']h'U]a g'hc'a U\_Y'mci 'h\]b\_'UVci hWcbhYa dcfUfmZcfY][ b'dc']Wm]ggi Yg'Ug'k Y``'Ug'hc'YbWci fU[ Y'mci hc'UddfYW]UhY'gca Y'cZh\Y'X]Z]W''h]Yg'h\Uhdc']Wma U\_Yfg'UfY'ZUWYX'k ]h\']b'Zcfa i `Uh]b[ 'U'Wc\YfYbhZcfY][ b dc']Wmhck UfXg'U'Wci bhfmžfY[ ]cb'cf'a i `h]`UhYfU`'dc']h]W'']ggi Y'''Mci 'k ]`\k f]h' 'U'dc']WmfYj ]Yk 'Zc'`ck ]b[ 'h\Y Zcfa Uhdfcj ]XYX'Vmh\Y'Wci fgY'WccfX]bUhcf']b'A ccX`Y'''H\Y'fYj ]Yk 'a i ghVY'VUgYX'cb'gc']X'Ya d]f]WU'' yj ]XYbW''UbX'XYa cbghfUhY'U'Wc\YfYbhdc']WmUddfcUW\"+ig\ci 'X'Wbj Ugg'U'hYfbUhjj Y'dc']Wmcdh]cbg'UbX dfcj ]XY'gci bX'fYUgcbg'Zcf'h\Y'dc']WmUddfcUW\"Uxj cWUhYx'''+b'&\$&\$\frac{2}{3}}DC@G) %&- 'k ]``ZcW g'cb'U

# 5 hm/b XUb WY F Yei ]fYa Ybhg

		B 5 HC 3
		9ggYbh]U``F YUX]b[ g
		FcVYfhgž; YcZfYmžFZWEah[WfG`[a`[`ladV Ba^[f[Ue, 5aWj [efW UW DWha^gf[a`łS`V5a^V   Sd #+&'Ž#++#fBYk McfFcihYX[Yž%Łždd"%-
		DYW.Urbcj žJ `UX]a ]fž fffl\Y`Gcj ]YhI b]cb `UbX`h\Y K cf`Xž% ((!)' 'ž]b`A Y`j mb`@YZZYf`UbX`C XX`5 fbY K YgrUX`fYXgržFZW5S_ Tq\VYW: [efack aXfZW5a^V I Sd FZWA qY[`e ha^#*f17Ua Vf]X[Y.`7Ua Vf]X[Y I b]j Yfg]hmDfYggž&\$%\$tž'dd"'-\$!%%
		A Ub_cZZ:>YZEYmž'l bfUj Y``]b[ 'h\Y'9b][ a U. Figg]Ub : cfY][ b'Dc`]Wm]b'h\Y'Hk Ybh]Yh\!: ]fgh7 Ybh fmlž]b 6">"7" A W? YfW\Yf'fYX"LZ'Dagf'WYW: S` VTaa] aX 6 [b'a_ SUk S` V EfSfWU&X*f@cbXcb. 'HUmcf'/ : fUbV]gž&\$%\Lž'dd" ')'!*'
		5fcbž@Ycbž'H\Y'Dihjb'8cWff]bY.Figg]U'g'EiYghhc FYVi]`X'h\Y'Gcj]YhGhUhY'ž8adW[Y`3XS[æžAUfW\ &\$%
		HfY]ga Ubž8Ub]Y`ž'K \mDi h]b`Hcc_`7f]a YU.`H\Y ; Ua V`Yf`]b`h\Y`?fYa`]b'ž8adW[Y` 3XS[dežA Um!>i bY &\$%*
		?ch_]bžGhYd\Ybžffiigg]U'g'DYfdYhiU``;Ycdc`]h]Wg. Dih]b'FYhifbg'hc'h\Y'<]ghcf]WU``DUHHYfbfii8adW[Y` 3XS[dežAUm!>ibY'&\$%*
		A W: Ui`ž'A]W\UY`ž'Figg]U`Ugʻ±n±g. 5; fUbX`GhfUhY[m Zcf`7cbZfcbh]b[`Dih]b'ž'8adW[Y` 3XXS[dež'>i`m!5i[igh &\$%
K YY_'(.', 'A UfVX'!'‰ A UfVX	GYa ]bUf	I ? ': CF 9
A OTVW		DfYgYbhUh]cb`fUbX`8]gWigg]cbŁHcd]Wg
		fD`YUgY`W\ccgY`cb`micbY`hcd]WŁ
		%" < ck 'k ci `X'mci 'W\UfUWYf]gY'6f]HJ]b'g'dc`]Wn hck UfXg'9i fcdY'g]bWY'% () 3 &" K \m\Uj Y'gi WW'gg]j Y'6f]h]g\'[cj Yfba Ybhg VYYb'gWYdh]WJ`'UVci h'9i fcdYUb']bhY[fUh]cb3
		9ggYbh]U`FYUX]b[g
		G]a a gž6fYbXUbž4dfS[`e 7gdabW, 3 FZageS`V

' " 8 Y'; Ui ``Y']g'gU]X' fc \Uj Y'di fgi YX'U
'fYj ]g]cb]gh'ZcfY][ b'dc`]Wh'K \UhX]X'\]g
fYj ]g]cb]ga 'Ua ci bhfc 'UbX'k \UhX]X'\Y'ffmfc
UWX]Yj Y'VmfYUggYgg]b[ ': fUbW''g'7 c`X'K Uf
dc`]Wh3

#### 9ggYbh]U`FYUX]b[g

7c[Ubž7\UfYgž8dW UZ @WYaf[Sf[`Y 4WZSh[agd 6WSf] Y i [fZ 'S 9 dS` VW@Sf[a` fK Ug\]b[hcbž87. +bgh]hi hYcZDYUWY DfYgg. \*&\$\$' ŁZdd"; \$!\%\$)

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6cncž: fYXYf]Wž: fUbWYž:; Ui ``]ga 'žUbX:h\Y:7c`X K Uf'žA Y`j mb @YZZYf'UbX:CXX 5fbY:K YghUX:ffYXgłżFZW5S\_ TqVYW: [efack aXfZW 5aVI Sq Ha'g\_ W\$:ff7Ua Vf]X[Y.:7Ua Vf]X[Y I b]j Yfg]lmDfYggž&\$%\$łż'dd":%),!%+,

F]Y\_YfzDYfb]``Yz8dW UZ8adW[Y`Ba1[Uk[`S 5ZS`Y[`YIadW,BdSUf[e[`Y9dS`VWgdfDU`[fUjY AUWa]``Ub'IGz&\$%+Lzdd"'%I)

6Y`]bž7Y`]U`UbX`HciWUgž6cf]gž"H\Y`"AUWfcb a]fUWY"'7ci`X`HfUbgZcfa':fUbWY`]bhc`U';`cVU` DckYf\cigYfZFZW@Sf[a`S^;`fWbWefz&&'5df]``&\$%

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Mci 'UfY'fYei ]fYX'hc'k UhW\'h\Y'Zc``ck ]b[ 'j ]XYc Wcj Yf]b[ ']b'[ fYUhYf'XYdh\'cbY'cZh\Y'h\Ya Yg Wcj YfYX']b'h\]g'Wci fgY"'H\Y'j ]XYc'WUb'VY'UWWYggYX Uh

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U'\]ghcf]WU''WcbhYI hUbX'YI d'U]bg'k \mh\Ym\Uj Y
k cfgYbYX']b'h\Y''UghXYWUXY"'=b'&\$\$'k cfXgž'd'YUgY
UXXfYgg'h\Y'Zc'`ck ]b['ei Ygh]cbg.''K \mUfY'Fi gg]Ub!
5a Yf]WUb'fY`Uh]cbg'YI dYf]YbW]b['hYbg]cbg3'=g']h
WcffYWh'c'HU'\_UVci hh\Y'Ya Yf[YbW'cZ'U'bYk'Wc'X
k Uf'VYhk YYb'h\YgY'hk c'Wci bhf]Yg3'

		D`YUgY`VY`fYa]bXYX`h\Uhih\]g`cb`]bY``YUfb]b[`UWfj]]m k]``Wci bhhck UfXg`mci f`dUffjW]dUfjcb#JhYbXUbWY`]b WUgg`UWfj]hjYg`fgYY`UhhYbXUbWY`fYei]fYaYbhg UVcj YŁ"`H\]g`aYUbg`h\Uhghi XYbhg`ZJ]`]b[`hc`gi Va]h h\Y]f`kf]hHYb`UbgkYf`hc`h\Y`UVcjY`eiYgh]cb`fcf kf]hjb[`dccf`cbYŁ'k]```VY`Wcbg]XYfYX`Ug`\Uj]b[`bch Wcad`YhYX`h\]g``YUfb]b[`hUg_"
K YY_'+.'&- 'A UfVX'!'& 5dfì`	GYa ]bUf	7 < ₱9G9 : CF9 ≑ B DC @=7 M
Surj		DfYgYbrUtjcb~fUbX~8]gW gg]cbŁ~Hcd]W
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		%" <ck 'k="" 'xygwf]vy'7\]bu'g'fc`y']b'7c`x<br="" `x'mci="" ci="">K Uf'5g]U3</ck>
		&"`+b`mci f`j]Ykžk\Uh'UfY`h\Y`a U^cf`W\Ub[Yg`UbX Wcbh]bi]h]Yg`]b`7\]bU'g`ZcfY][b`dc`]WmVY\Uj]ci f VYhkYYb`h\Y`7c`X`KUf`YfU`UbX`h\Y`dfYgYbh3
		9ggYbh]U``F YUX]b[ g
		A]hhYfžFUbUž'7\]bUʻUbXʻh\Yʻ7cʻXʻKUf'ž]bʻF]W\UfX<"'=aaYfaUbʻUbXʻDYhfUʻ;cYXXYʻfYXgŁžFZWAj XadV:S`VTaa]aXfZW5a√VISdfCIZcfX.∵CIDž&\$%ĿžW
		K YghUXžCXX:5fbYžfH\Y:GcifWYg'cZ7\]bYgY 7cbXiWh:5fY'K Ug\]b[hcb:UbX:6Y]']b[::][\h]b[ U'BYk:7c`X'K Uf3'ž8adW[Y`3XS[dež GYdhYaVYf#CWhcVYf'&\$%
		9 Wcbca mž 9`]nUVYh\žf7\]bU'g BYc!A Uc]ghA ca Ybh < ck 'L] '>]bd]b[ '=g 'l g]b[ '7\]bU'g DUghhc '5 Wwca d`]g\ K\Uh<]g DfYXYW ggcfg '7 ci `X BchZ 8adWY` 3 XS[æž C WcVYf &\$%
		; c`XghY]bž'5j Yfmž'f7\]bUfg;; fUbX'GhfUhY[mi bXYf'L] >]bd]b[.'F YUggi fUbWYž'F YZcfa ž'UbX'F Yg]ghUbWYf2 ;`fWd Sf[a`S^E WUgd[fmž'j c`"() ž'bc"'%f&\$&\$hž'dd" %*(!&\$%
K YY_', .') '5df]`!'- '5df]`	GYa ]bUf	MMFb/WSeW`afWfZSffZ[eiWW]ieeW_[Sda`9Wd_S` XadW[Y`ba'[Uk XS''ea`7SefWd?a`VSkfZ[ekWSd S`VIfZWdWYadWIfZWdWia`ifS`kbZke[US^adV[Y[fS^fgfad[S^U'Seea`fZWVSkž;`[feb'SUWIkagi[^TW dWcg[dWIfaVafZWXa''ai[YfZ[Ye,
		#fii SfUZ S`a`{`Wh[VWadWUadV[`Ya`fZ[e fab[U /i Z[UZi [^TW_SVWShS['STWfZdagYZ?aaV'Wfi

	\$fibdah[VWS \$' " Ži adV S` ei Wdfa a` WaXfZWfab[Ue ¶efWV TWai O

	# *b`mci f`j ]Yk ž'k \UhufY`th\Y`a U]b`UgdYWg`cZ

### FYgci fWyg

### DfYgWf]VYX F Ygci fWYg

 $H \ YfY']g'bc'gYhhYl hZcf'DC@G) \&- "'Ghi XYbhg'g\ci `X'fYZYf'hc'h\Y'V]V`]c[fUd\mh\Uh']g']bWi XYX']b'h\]g [i] XY"'9ggYbh]U''k YY_`mfYUX]b[g'k]``VY'Uj U]`UV'Y'h\fci [\'@Y[Ubhc"]$ 

#### FYWca a YbXYX FYgci fW/g

 $IgYZ ``fYZYfYbWV`Vcc\_g`Zcf`h\]g`WcifgY`UfY.$ 

? YbbYXmžDUi `žFZWD[eWS` V 8S^aXfZW9 dNSfBai Wde, 7Ua` a\_ [U 5ZS` YWS` V ? [1fSdx 5 a` X1fUf Xda\_ #' " " fa \$" " " fBYk "Ncf\_. FUbXca '< ci gYž%-, +Ł

?YmcfžK]``]Ua žFZWFi W f[WfZŽ5W fgdk I adV S`V 4Wka`V, 3`;`fWd Sf[a`S^: [efack:fBYk:'Mcf\_.'ClZcfXIb]jYfg]miDfYggž&\$\$\*Ł

? ]gg]b[Yfž'<Ybfmž6[b'a\_SUk'fBYk'Mcf\_.'HciVXghcbYž'%-(Ł

A W? YfWXYfž'6">"7" fYXg"½DagfWWYW: S`VTaa] aX6[b'a\_SUk S`V EfSfWU6SXffBYk Mcf\_. F ci hYX[Yž% - &Ł

 $\label{eq:localized} $$Mcib[\tilde{z}>c\b\tilde{z}]^* Woldsf[a`S^DWSf[a`ee[UW\#+\&',39^aTS^:[efack`fC|ZcfX.`C|ZcfX]] + b]iYfg]$$mDfYggž\&$$(£$ 

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

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a i ghfYhJ]b'mci f'h]W\_Yhbi a VYf'Zfca '9! hy'fbU''Gi ddcfhfU'cb[ 'k ]h\ 'Ubmch\Yf'fy'Yj UbhXcW a Ybhgt'hc
]bWi XY'Ug'Yj ]XYbW' hc'gi ddcfhmci f'Y! hy'bg]cb'Udd']WUh]cb"'=Zmci 'Ya U]''9! hy'fbU''Gi ddcfhmci 'k ]'`
Ui hca Uh]WJ'`mfYW']j Y'U'h]W\_Yhbi a VYfZ'Vi h]Zmci 'hY'Yd\cbY'mci 'k ]``bYYX'hc'gdYW]Z]WJ'`mUg\_'Zcf'cbY''
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUhy'g'cb'h\Y]f'gmghYa 'ghUh' g'cb'Hk]hyf''

; YbYfU`mž'UggYgga YbhiHug\_g'a i ghVY'gi Va ]hhYX'Y`YVWfcb]\WJ``mij ]U'Y]h\Yf'Hi fb]h]b'cf'U'A ccX`Y Ugg][ ba Ybh''=b']bgHJb\W'g'k \YfY'h\]g']g'bchdcgg]V`Yž']hk ]```VY'gHJhYX'cb'mci f'\\circ i fgY'g'A ccX`Y'g]hY'k ]h\U`hYfbUh]j Y'gi Va ]gg]cb'XYHJ]`g"

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5WUXYa]W<cbYghmUbXD`U[]Uf]ga

- i bXYfgfUbX mci f'f][\hg'UbX'fYgdcbg]V]`]hJYg'Ug'U'gh XYbhUhl BGK
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- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg 'cZVY\Uj ]ci f'Yl dYWYX 'cZYj YfmcbY ']b 'h\Y 'l BGK 'Wca a i b]hm
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Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``h\YfY`UhYX'UgdYWng'cZ9@+G9'k]``\Y`d'mci 'a U\_Y'h\Y'a cghcZmci f'gh X]Yg'UhI BGK "'\\hd.#gi VYWn[i]XYg"`]VfUfm"i bgk "YXi "Ui #\`]gY#JVci hY`]gY

# 5 WUXYa]W + DZcfa Uh]cb

: cf'YggYbhJU`'ghi XYbhi]bZcfa UhJcb'fY`UhJb['hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY`gi Va ]gg]cbg'[i ]XY`]bYg/
- fYj ]Yk 'cZa Uf\_g/
- I BGK '< YU'h\ 'UbX'GUZYhm'dc']W]Yg/
- YI Ua ]bUh]cb dfcWXi fYg/
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