

PTRL5009

K Y``8 f``]b['9ei]da YbhUbX`C dYfUh]cbg

HYfa `C bY` `##`&\$&%

7ci fgY`Cj Yfj JYk

GHJZ7cbHJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
N\j]j`7\Yb	n\j]jW i bgk "YXi "Ui	C ZjW` \ci fg	C ZjW` &%ž @Yj Y`žH9H6	Ž *%&-' ,))%&&

@YW`i fYfg

B Ua Y				

7ci f UZ

7ci fgY'8YHJ`g

7fYX]hDc]bHg '*`

Gi a a UfmicZ\hY'7ci fgY

7ci fgYg'cZfk c'dUfmg. '@YWh fY'UbX'Wca di hYf'gja i 'Uh'cb''UV"

@YWh fY'a UHf]U''bWl XY. 'bfcXi W]cb'hc'd\mg]WU'dfcW'ggYg'bj c'j YX'jb'Xf''b['c]'UbX'[Ug'k Y''g" F cHfM Xf''b['f][g'Zf'Vch'UbX'UbX'cZg\cfY'cdYfUh'cb''8f''b['Yei]da Ybh]bWl X]b['f]['dck Yf]b['UbX hfUbg]gg]cbz'c]gh]b[žfchUfmgmghYa gž'6CD'Yei]da YbhUbX'\cc_i džXf''d]dYg'UbX'Wc''Ufg''8f''b['Zi]X WfW'Uh]b['gmghYa g]bWl X]b['di a dgža i X'fU]b_gža i X'a]i h fYg'UbX'a i X'WYUbYfg''9'Ya Ybhg'cZfcW_ a YWUb]Wg'UbX']hg'Udd']W]h'cb]b'Xf''b["'GY'YW]cb'cZXF''V]hg'UbX'dYbYfUh'cb'fU'Y'cdh]a]gUh'cb" F][g]n]b['UbX'gY'YW]cb"'GdYW]U'a Uf]bY'Yei]da YbhZf'cZg\cfY'Xf''b["

8f''b['g]a i 'Uh'cb''UVcfUhc'fm]bWl XY. 'i bXYfghUbX'[YbYfU''k Y''d'Ubb]b['Zf'Vch'UbX'UbX'cZg\cfY'k Y'' Wca d'Yh'cbz'\cc_i d'cZXF''b['Yei]da YbhUbX'dfYdUf]b['hc'i bXYfU_Y'Xf''b[ž'\cc_i d'cZ6CD'Yei]da Ybh Zf'Wc'bfcc'cZk Y''dfYggi fYžfi bb]b['Xf''b['k \]Y'a U]b]b['k Y''dfYggi fYždfcW'Xi fY'cZWc'bfcc''b['k Y'' dfYggi fYžUbX'fYU''Z'YI YfW]gY'Zf'Wc'bfcc'cZk Y''dfYggi fY

7ci fgY'5]a g

H\]g'Wci fgY'g'h]i [\hZca 'U'dfUW]W'j]Yk 'k]h'hY'U]a 'hUhgh'XYbhg'k]''YUfb'\ck 'hc'ghfYUa]bY'UbX cdh]a]nY'f]['cdYfUh'cbg'UbX'[U]b'hY'hY'Wb]WU''g_]g'hc'dfcj]XY'Wc'gh'YZYW]j Y'gc'i h'cbg'hc'Wca a cb'f][dfcV'Ya g'UggcW]U'Y'X'k]h'XUmhc'XUmcdYfUh'cbg"'Gh'XYbhg'Ybfc''YX']b'h]g'Wci fgY'k]''VY'DHF @) \$-\$ 'K Y'' 8f''b['9ei]da YbhUbX'c dYfUh'cbg'H%&\$&\$DU[Y'p([]j Yb'Ub']b!XYd'h]j]Yk 'cZ\hY'd\mg]WU'dfcW'ggYg']bj c'j YX'jb'Xf''b['c]'UbX'[Ug'k Y''gž'Vch'cb!g\cfY'UbX'cZ]g\cfY"

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

(" C b`]bY`YUfb]b[`gi ddcfh]g`U`gc`Uj U]UV`Y`h\fc i [\ `A ccX`Y"

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
5gg][ba Ybŋ'	&)	5gg][ba Ybŋ' %ž&ž ž('Xi Y'Uh hY'YbX'cZK YY_g' ž) ž+ž- "	%ž' &ž'
A]XHYfa '9I Ua '	%)	Hi YgXUmžK YY_' +	%ž' &ž'
@UV'	%)	@UV' fYdcfhiXi Y'k]h]b' h'c k YY_g' UZHYf'YUWX ``UV gYgg]cb	%ž' &ž'
:]bU' '9I Ua '	(\$	K]h]b' hY'YI Ua 'dYf]cX	%ž' &ž'
8Yg][b'Dfc'YWhi	%)	9bX'cZK YY_' %\$	%ž' &ž'

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% '5gg][ba Ybŋ

GHUfhXUH. 'Bch5dd`]WVY

8YHU]`g. (']bX]j]Xi U' Ugg][ba Ybŋ' Xi Y'Uh hY'YbX'cZK YY_g' ž) ž+ž- 'fYgdYWhj Y'm'Hi hcf]U' YI YfW]gYg' Xi Y
k YY_'m'

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

5gg%Wtj Yfg'Dck Yf'GmghYa 'UbX'7]fW'UH]cb'GmghYa /5gg&Wtj Yfg'<c]gh]b['GmghYa /5gg' Wtj Yfg'8f]`
Gf]b[/5gg('Wtj Yfg'F chUfmi8f]``6]hg"

Hi hcf]U' YI YfW]gYg' Xi Y'k YY_'m'

; i]XY`bYg`Zcf`Y`d]b[`h`Y`dfYdUfUhc`b`Zcf`h`Y`ei]n`k]`VY`fY`YUgYX`cb`A`ccX`Y`df]cf`h`h`Y`ei]n"

Gi Va]gg]cb`bchYg.`C`b`]bY`A`ccX`Y`gi`Va`]gg]cb

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

5ggYgga`Ybh`.`@UV

GHUfhXUH`. `Bch5dd`]WV`Y

8YHU]`g.5W]j`]m]bj`c`j`Yg`g]a`i`U]cb`cZXf]`]b[`UbX`k`Y`W`b]fc`cdYfU]cbg]b`h`Y`8f]`]b[`G]a`i`U]cf`
@UVcfU]cfm]`bX]j`]Xi`U`UV`fYdcfhXi`Y`UZ]f`YUW`UV`gYgg]cb"

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

Hi fb]hb'gYhb[. H\]g'Ugg][ba Ybh]g'gi Va]hX'h'fci [\ 'Hi fb]hb'UbX'ghi XYbhg'WUb'gYY'Hi fb]hb'g)a]'Uf]hm
fYdcftg"



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Gi ddcfha UHf]U`Zcf`h]g`Wci fgY`]bWl X]b[žk \YbYj Yf`Uj U]UV`YžWcd]Yg`cZ`YWl fy`bchYgž`YWl fy`g]XYgž
fYWca a YbXYX`fYUX]b[gžYH`Wl`Wl`VY`Zci bX`cb`A ccX`Y`
H\Y`YWl fy`bchYg#]XYg`a UmVY`j]Yk YX`UbX`Xck b`cUXYX`Zca `hY`I` BGK`!A ccX`Y`.
\hd.##a ccX`Y`h`hi bgk`"YXi`"Ui`#

F YWca a YbXYX`F Ygci fWg

: c`ck]b[g`UfY`hY`fYWca a YbXYX`Vcc_g`Zcf`h]g`Wci fgY.

- 5dd`]YX`8f`]b[`9b[]bYYf]b[`5H`6ci f[cmbY`>fžA 9`7`YbYj Yfž??`A]`\Y]a`UbX`:`G`Mci b[`>f`
GD9`HYI`h`cc`_GYf]Ygž`J`c`" `&ž`&bX`9X]h]cb`f%`-`%ž
-

a]gg]cb'cZ5ggYgga YbhiHUg_g

Wcc`Ug`XYj`Y`cdYX`U`[i]XY`bY`hc`Y`d`mci`k`Y`b`gi`Va]h]b[`U`W`ei`fgY`Ugg][ba Ybh

oW`ei`fU[`Y`mci`hc`f`Y`h]b`U`W`edmcZYj`YfmUgg][ba Ybhgi`Va]hYX`Zcf`UggYgga`YbhZcf`mci`f`ck`b`f`Y`W`cfX`
f`]b`U`f`X`W`edmc`f`Y`Y`W`f`cb]WZ`fa "

gYgga`Ybhj`a`i`gh`Uj`Y`Ub`UggYgga`YbhW`ej`Yf`g`Y`Y`h`U`h`U`W`Y`X"

fgY`W`ca`d`Y`h]cb

gY`W`ca`d`Y`h]cb`f`Yei`]fYg`gi`Va]gg]cb`cZU`UggYgga`Ybh]hYa`g":`U]i`fY`hc`gi`Va]hU`UggYgga`Ybh]hYa`g`
Ygi`h]b`hY`Uk`UfX`cZUb`i`bgU]hgZUW`c`fm: U]i`fY`fI` : E[fUXY`Zcf`hY`7`ci`fgY`i`b`Ygg`gdYW]U`
XYfU]cb`Ug`VY`Yb`gi`Va]hYX`UbX`Uddfcj`YX`D`Y`UgY`bc`hY`Z`U`W`ca`d`Y`h]b`W`h`i`f`X`Y`c`Z) \$i`]g`Udd`]Y`X`hc`
bU`UggYgga`Ybh`

Y`Gi`Va]gg]cb'cZUb`5gg][ba Ybh

Uf_g`Zcf`Ub`Ugg][ba YbhUfY`cb`mdcgg]V`Y`k`Y`b`Ub`Ugg][ba Ybh]g`fY`W`j`YX`Vm`h`Y`Xi`Y`X`U`h`Y`"

oXYfg]h]b`X`h`U`h]h]a`Yg`mci`a`UmbchVY`UV`Y`hc`gi`Va]hUb`Ugg][ba Ybhcb`h]a`Y`Z`Ub`X`h`Y`G`W`cc`k`]`
a`c`X`U`h`U`b`m`Z]f`U`b`X`f`U`g`c`b`U`V`Y`Y`i`h`b`g]cb`"K`Y`k`ci`X`f`Y`W`ca`a`Y`b`X`mci`f`Y`j`Yk`h`Y`i`B`G`K`G`d`Y`W]U`
]XYfU]cb`[i]XY`bY`g`-`g`Y`Y`g`Y`W]cb`V`Y`ck`"

gi`Va]gg]cb`k`]`bchVY`U`W`W`d`h`X`U`b`X`k`]`V`Y`W`cbg]X`Y`f`Y`X`U`g`bc`gi`Va]gg]cb"

W]U`7`cbg]XYfU]cb

Wb`Udd`m`Zcf`gdYW]U`W`cbg]XYfU]cb`h`f`ci`[\`H`Y`B`i`W`Y`i`g`G`h`X`Y`b`h`<i`V`k`Y`b`]`b`Y`gg`c`f`c`h`Y`f`
g`h]b`W`g`]b`h`Y`Z`Y`f`k`]h`mci`f`UggYgga`Ybh`d`Y`f`Z`fa`Ub`W`"G]W`b`Y`gg`Z`a`]g`U`X`j`Y`bh`f`Y`c`f`c`h`Y`f`
g`h]b`W`g`V`Y`m`cb`X`mci`f`W`cb`f`c`a`Um`

DfY`Y`bh`mci`Z`ca`W`ca`d`Y`h]b[`U`W`ei`fgY`f`Yei`]f`Y`a`Y`bh`
U`Y`d`mci`Z`ca`U`h`Y`b`X]b[`U`b`U`gg`Y`gg`U`V`Y`U`W]j`]m`
a`]h]b[`U`gg`Y`gg`U`V`Y`k`cf`_`Zcf`U`W`ei`fgY`
Y`W`h`mci`f`d`Y`f`Z`fa`Ub`W`]b`U`gg`Y`gg`U`V`Y`k`cf`_`Z`V`Y`]h]U`Z`ca`U`Y`b`X]c`Z`g`Y`a`Y`g`h`Y`f`
W`U`gg`h`Y`g`h`Z`U`U`V`c`f`U`h`c`f`m`h`Y`g`h`Z`U`g`Y`a`]b`U`f`d`f`Y`g`Y`b`h]h]cb`c`f`U`b`m`c`h`Y`f`Z`ca`c`Z`

U`Y`g`Y`W`cb`h]U`h`Y`7`ci`fgY`7`cbj`Y`bc`f]a`a`Y`X]U`h`m`c`b`W`mci`U`j`Y`W`ca`d`Y`h]X`h`Y`g`d`Y`W]U`
cbg`Udd`]W]h]cb`Z`bc`U`h`Y`f`h`U`b`cb`Y`k`Y`Y`_`Z`ca`gi`Va]gg]cb"

A`c`f`Y`X`Y`h]g`cb`g`d`Y`W]U`W`cbg]X`Y`f`U]cb`W`b`V`Y`Z`ci`b`X`U`h`k`k`k`g`h`X`Y`b`h`i`bgk`"Y`X`i`"U`i`#`g`d`Y`W]U`!`W`cbg]X`Y`f`U]cb`

- I BGK '@YUfb]b['7YbfY!' [k k k "Wi bgk "YXi "Ui](#)
- 7 ci bgY``b['gi ddcfh! [k k k "Wci bgY``\]b\["i bgk "YXi "Ui](#)

9ei]HUV`Y`@YUfb]b[`GYfj]Wg`U]a g`rc`dfcj]XY`U``ghi XYbhg`k]h`U`ZY`UbX`WcbZ]XYbh]U`gYfj]W`h`Uh`dfcj]XYg`dfUW]W]`gi ddcfhrc`Ybgi fY`h`Uhmci f`Y`U`h`WcbX]hcb`XcYgbffiUXj YfgY`mUZYWimci f`ghi X]Yg`
[\ftdg.#gh XYbhi bgk "YXi "Ui #/`g](#)

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

Mci f`YWñ fYf`UbX`hY`I b]j Yfg]mík]`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`cZch`Yfg`UbX`dfYg`Ybñ]b[`hY`a`Ug`mci f`ck b`D`U[]Uf]ga]g`U`hmd`Y`cZ]bñY`YWñ U`hY`Zñ`ñWñb`hU`Y`a`Ubm`Zcfa`gž`Zca`XY`]VYfU`h`W`Y`U`h]b[`hc`U`W`W`XYbñU`m`W`dñ]b[`Zca`U`gci`fW`k`]h`ci`hU`W`bck`YX[Ya`Ybñ`H`Y`I b]j Yfg]mì\Ug`UXcd`h`X`Ub`Y`Xi`W`h]j`Y`Uddfc`U`W`hc`d`U[]Uf]ga`UbX`\Ug`XYj`Y`cd`YX`U`f`Ub[Y`c`Z`fYgci`fW`g`hc`gi`ddcf`h`g`h`XYbñg`"5`h`Y`XY`hU]g`cb`d`U[]Uf]ga`ž`b`W`X]b[`gca`Y`i`gY`Z`fYgci`fW`gž`W`b`V`Y`Zci`bX`Uh`[k`k`k`"gh`XYbñi`bgk`"YXi`"Ui`#d`U\[\]Uf\]ga`"](#)

5`A`]b]b[`9b[]bY`Yf]b[`gh`XYbñg`UfY`f`Yei`]fYX`hc`W`ca`d`Y`h`U`g`h`XYbñXYWUfU`h]cb`Zc`f`U`W`X`Y`a`]W]bñ[]f]m`k`\]W`]g`ci`h]bYX`]b`h`Y`Ugg][ba YbñW`çj`Yf`g`\Y`Y`h`"6`mg][b]b[`h]g`XYWUfU`h]cb`ž`mci`U[fY`h`U`h`mci`f`k`cf_]g`mci`f`ck`b`cf][]bU`k`cf_"

žmci`bY`Y`X`gca`Y`U`X`X]h]cbU`gi`ddcf`h`k`]h`mci`f`k`f]h]b[`g_]`gž`d`Y`UgY`W`cb`h`U`W`h`h`Y`@Y`Uf]b]b[`7`Y`bñY`cf`j`]Yk`gca`Y`c`Z`h`Y`fYgci`fW`g`cb`h`Y]f`k`Y`V`g]hY`[k`k`k`"Wi`bgk`"YXi`"Ui`"](#)H`Y`@Y`Uf]b]b[`7`Y`bñY`]g`XYg][bYX`hc`\Y`d`mci`]a`dfcj`Y`mci`f`U`W`X`Y`a`]Wk`f]h]b[`UbX`W`ca`a`i`b]W`h]cb`g_]`g`"Gca`Y`g`h`XYbñg`i`gY`h`Y`7`Y`bñY`gYf]]W`g`V`Y`W`i`gY`h`Y`m`U`f`Y`Z]bX]b[`h`Y]f`Ugg][ba Ybñg`U`W`U`Y`b[Yž`ch`Y`fg`V`Y`W`i`gY`h`Y`mk`U`bñ`hc`]a`dfcj`Y`Ub`U`fY`U`X`m`gi`W`Y`ggž`U`W`X`Y`a`]WdYf`Zcfa`Ub`W`"

5 WUXYa]W#Zcfa Uh]cb

7 ci fgY`F Ygi `hg

: cf`XYHU]g]cb`l BGK `UggYgga Ybhdc`]Wz`d`YUgY`j]g]h [k k k "gh XYbhi bgk "YXi "Ui #UggYgga Ybh](#)

#`gca Y`]bghUbWg`mci f`Z]bU`Wci fgY`fYgi `ha UmVY`k]h`X`U`bX`bchfY`YUgYX`cb`hY`l BGK `d`UbbYX`XUH`H`g]`g]`bX]WUH`X`VmiU`Wci fgY`[fUXY`fYgi `hcZY]hYf.

- @9`-`]bX]WUH`g`mci `Uj Y`bchWca d`Yh`X`cbY`cf`a cfY`]h`a g`cZUggYgga Ybh`cf
- K 8`-`]bX]WUH`g`h`YfY`]g`Ub`]ggi Y`k]h`cbY`cf`a cfY`Ugg][ba Ybh`cf
- K 7`-`k`]W`]bX]WUH`g`mci `Uj Y`Udd`]YX`Zc`GdYW]U`7`cbg]XYfUH]cb`Xi Y`h`c`]`bYgg`cf`a]gUX] Ybh`fY`UbX`h`Y`Wci fgY`fYgi `hg`Uj Y`bchVYYb`Z]bU`]gYX"

#`Y]h`Yf`Yj Ybh]hik ci `X`VY`mci f`fYgdcbg]V]`]mhc`Wcb`hUW`h`Y`7`ci fgY`7`cbj YbYf`Ug`gccb`Ug`dfUW]WUV`Y`Vi`h`bc`UH`f`h`Ub`Z]`Y`f`]`EXUm`g`UZ`Y`f`Y`YUgY`c`Z`h`Y`Wci fgY`fYgi `h`Z`mci `Xcb`h`Wcb`hUW`h`Y`Wcbj YbYf`cb`h`a`Yz`mci `a`UmVY`f`Yei`]fYX`h`c`fY!gi Va`]h`Ub`Ugg][ba Ybhcf`fY!g]h`h`Y`Z]bU`Yi`Ua`UbX`a`UmfYgi`h]b`mci`ZU]b[`h`Y`Wci fgY`"Mci`k`ci`X`U`gc`Uj`Y`U`B`7`f`Wci fgY`bchWca d`Yh`X`E`a`Uf`_`cb`mci`f`h`UbgW]dh`UbX`k`ci`X`b`Y`Y`h`c`fY`Ybfc`"b`h`Y`Wci fgY"

Gh Xm]b[`U`Wci fgY`]b`h`Y`GW`cc`c`ZA`]bYfU`g`UbX`9`bYf[mF Ygci fW`g`9`b[]bYYf]b[`Uh] BGK

F Ydcfhk f]h]b[`i]XY

H`Y`GW`cc`U`Ug`U`[F Ydcfhk f\]h\]b\[`i \]XY`f`K`:`\]`Uj`U\]`UV`Y`"5`W`c`d`m`c`Z`h`\]g`\]g`Uj`U\]`UV`Y`cb`h`Y`Wci fgY`A`cc`X`Y`g\]h`"](#)

7 ca di h]b[`F Ygci fW`g`UbX`#`h`f`b`Y`h`5`W`W`g`g`F`Yei`]f`Ya`Y`bhg

I BGK `A`]bYfU`g`UbX`9`bYf[mF Ygci fW`g`9`b[]bYYf]b[`dfcj`XYg`V`Yb`XYX`Y`Ufb]b[`i`g]b[`h`Y`cb!]`bY`A`cc`X`Y`@`A`G`f`@`Y`Ufb]b[`A`UbU[`Ya`Ybh`G`mg]h`a`E`"5`gc`g`YY`!`H`f`Ubg]h]cb]b[`h`c`b`]bY`@`Y`Ufb]b[.`[k k k "Wcj \]X%- gh Xmc\]b\]bY"i bgk "YXi "Ui](#)

#]g`YggYbh]U`h`Uh`mci `Uj Y`UW`W`g`g`h`c`U`D`7`cf`bchVcc`_`Wca`di`h`f`"A`cV]Y`XYj`]W`g`gi`W`Ug`ga`Ufid`cb`Yg`UbX`h`U`V`Y`h`a`Um`Wca`d`]a`Ybh`Y`Ufb]b[`z`Vi`h`UW`W`g`g`h`c`U`D`7`cf`bchVcc`_`Wca`di`h`f`]g`U`gc`f`Yei`]f`YX`"B`ch`Y`h`Uh`gca`Y`gd`Y`W]U]gh`Yb[]bYYf]b[`gc`Zk`UfY`]g`bchUj`U]UV`Y`Zc`f`A`UW`Wca`di`h`f`g"

- A]b]b[`9`b[]bYYf]b[`Gh XYbhg. `CA`6`:`(,
- DYhfc`Yi`a`9`b[]bYYf]b[`Gh XYbhg. `H9H6`@`'`(/`@`")

#]g`f`Y`Wca`a`Yb`XYX`h`Uh`mci `Uj Y`fY[`i`Uf`]b`h`f`b`Y`h`UW`W`g`g`h`c`d`U`f`h`W`d`U`h`]b`Zc`fi`a`X`]g`W`g`g]cb`UbX`[`fci`d`k`cf`_`"H`c`fi`b`A`cc`X`Y`a`c`gh`Y`Z`Y`W]j`Y`m`z`mci`g`l`ci`X`Uj`Y.

5W_bck`YX[Ya YbhcZ'7ci bHfm

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

