

# PTRL5024

8 f]``]b[ : `i ]Xg`UbX`7 Ya Ybh]b[ `HYW\`b]ei Yg

HYfa `H\`fYY`##`&\$&\$



7ci fgY`Cj Yfj JYk

GHJZZ7cbhJW`8YHJ`g

7cbj Ybcfg

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

GWXcc``7cbhJW`bZcfa Uh]cb

GWXcc``cZA ]bYfU`g UbX`9bYf[ mF Ygci fW`g

C`X`A U]b`6i ]X]b[ ž@Yj Y`ž%) - `fP %) Ł

I BGK `GMBB9MBGK `&\$) &5I GHF 5@5

H. Ž \*%f&Ł-' , ) ) \$\$\*

9.

7 ci fgY'8YHJ]`g

7 fYX]hDc]bng \*`

Gi a a UfmicZ\hY'7 ci fgY

H\Y`Wci fgY`Wcj Yfg`Vch`hY`hYcfmUbX`dfUW]WU`Udd`]W]h]cbg`cZXf`]b[ `Zi` ]Xg`UbX`k`Y`W`a`Ybh]b[  
hYVXbc`c[ m`H\Y`a`U]b`hcd]Wg`]bW`XY.`hY`Z`bW]h]cbgZ`Vca`dcg]h]cb`UbX`UXX]h] Yg`cZXf`]b[ `Zi` ]Xg`/WUmUbX  
dc`ma`Yf`WYa` ]g]hfmUbX`Udd`]W]h]cbg`]b`Xf`]b[ `Zi` ]Xg`/Xf`]b[ `Zi` ]X`XYbg]hmXYHfa` ]bU]h]cb`UbX`WU`W`U]h]cbg/  
Xf`]b[ `Zi` ]X`Z`hU]h]cb`UbX`a`i`X`WU`]b[ `dfcW`gg/5D=Xf`]b[ `Zi` ]X`dfcdYf]YgZ`Yei` ]da`YbhUbX`hYgh]b[  
dfcW`Xi`fYg`/WYa` ]WU`UbU`mg]g`/Xf`]b[ `Zi` ]X`gmg]hYa` `XYg][ b`Zcf`Wcbf`c`Zcfa`U]h]cb`XUa`U[ `Y`UbX`k`Y`VcfY  
ghUV`]hm`Xf`]b[ `Zi` ]X`mXfUi` `]Wg`UbX`W`h]b[ g`hUbgdcf]h]cb`/W`a`Ybha`Ubi`ZUW`h`fYz`Vca`dcg]h]cb`UbX  
gh]bXUfX]nU]h]cb`/W`a`YbhUXX]h] Yg`/W`a`Ybhgi` fmf`Y`c`c[ mdfcdYf]Yg/5D=W`a`Ybh]b[ `hYgh]b[ `Yei` ]da`Ybh  
UbX`dfcW`Xi`fYg`/W`a`Ybhgi` fmiXYg][ b`UbX`WU`W`U]h]cbg`/a`i`X`fYa`cj`U`VmW`a`Ybh`[ Ug`a` ][ fU]h]cb/  
W`a`Ybh]b[ `Yei` ]da`YbhUbX`dfcW`Xi`fYg`/dcgh`c`V`Wcbg]XYfU]h]cbg`UbX`Yj`U`i`U]h]cb`/Xf`]b[ `Zi` ]Xg`UbX  
W`a`Ybh]b[ `UVcfU]h]cb`fmUbX`fYgYUfVX`dfc`YW`h`

GdYW]U`dfc`YW`h`A`i`X`dfc[ fUa` `UbX`W`h]b[ g`hUbgdcf]h]cb`]b`XYj` ]U]h]X`k`Y`g`"5g`dUf]h]cZ\hY`dfc`YW`h`  
gh`XYbh]b[ `UfY`fYei` ]fYX`h`c`WUffmci`hU`]h]fU]h`fY`gi`fj`Ymcb`U]h]ghXYj`Y`cda`Ybh]b`a`i`X`dfc[ fUa` `UbX`W`h]b[ g`  
hUbgdcf]h]cb`]b`XYj` ]U]h]X`k`Y`g`/WUffmci`hU`WU]gY`gh`XmVmXYg][ b]b[ `U`a`i`X`dfc[ fUa` `Z`Xf`]b[ `mXfUi` `]Wg`  
cd]h]a` ]nU]h]cb`UbX`W`h]b[ g`hUbgdcf]h]cb`]b`U`XYj` ]U]h]X`k`Y`g`"

7 ci fgY'5]a g

H\]g`Wci fgY`k` ]`YbUV`Y`gh`XYbh]b[ `UWci` ]fY`Z`bXUa`YbhU`\_bck`YX[ `Y`cZXf`]b[ `Zi` ]XgZ`Xf`]b[ `mXfUi` `]Wg`  
UbX`W`a`Ybh]b[ `hYVX]b]ei`Y`UbX`h`c`Udd`m`hY`hYcfm]h]c`hY`XYg][ bZ`Yj`U`i`U]h]cb`UbX`cd]h]a` ]nU]h]cb`cZXf`]b[  
Zi` ]X`dfc[ fUa` `Z`Xf`]b[ `mXfUi` `]Wg`UbX`W`a`Ybh]b[ `cdYfU]h]cbg`"

7 ci fgY`@YUfb]b[ `C`i`hW`ca`Yg

- %`8Yg][ b`UbX`Yj`U`i`U]h]X`f`]b[ `Zi` ]X`dfc[ fUa` `UbX`W`a`Ybh]b[ `cdYfU]h]cbg`i`bXYf`gdYW]Z]Wk`Y`  
WcbX]h]cbg`
- &`DfYdUfY`UbX`hYghXf`]b[ `Zi` ]Xg`UbX`W`a`Ybh]b[ `gi` fmiUW`W`c`fX]b[ `h`c`5D=g]h]bXUfXg`
- '`C`d]h]a` ]nY`Xf`]b[ `Zi` ]X`mXfUi` `]Wg`Zcf`][ \`fU]h]c`ZdYbYfU]h]cb`UbX`W`h]b[ g`hUbgdcf]h]cb`YZZ]W]YbW`h`

HYUW]b[ `G`hFU]h]c` ]Yg`

- %`K`YY`\_`m`YW`h`fYg`UfY`XYg][ bYX`h`c`dfc] ]XY`gh`XYbh]b[ `Z`bXUa`YbhU`i`bXYfgh]bX]b[ `h]fci` [ `U`gYf]Yg`cZ`  
hcd]Wcb`Xf`]b[ `Zi` ]XgZ`Xf`]b[ `mXfUi` `]Wg`UbX`W`a`Ybh]b[ `"  
&`H\Y`Z`bXUa`YbhU`a`U]h]f]U`Wcj`YfYX`]b`hY`Y`W`h`fYg`]g`gi`ddcf]h]X`Vmidfc`V`Ya`!gc`j` ]b[ `YI`YfW]gYg`]b`  
h`h`c]f]U`g`UbX`WUgg`X]gW`gg]cbg`"  
'`@YUfb]b[ `Xi`f]b[ `Y`W`h`fYg`]g`Z`f`h`Y`f`gi`ddcf]h]X`Vm[ `fci`d`VUgYX`UVcfU]h]cb`dfUW]W`g`"  
(`@YUfb]b[ `cb`UXj`UbW`X`hcd]Wg`]g`UW]Yj`YX`VmigdYW]U`XYg][ bYX`fYgYUfW`dfc`YW`g`"  
)`C`b`]bY`YUfb]b[ `gi`ddcf]h]g`U`gc`Uj`U]UV`Y`h]fci` [ `A`cc`X`Y`"



Gi Va ]gg]cb' bchYg.C b`]bY'A ccX`Y`E i ]n

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

5ggYgga Ybh( . '5gg][ ba Ybh' `fDfc`YWŁ

8YhU]`g.Dfc`YWicb'a i X`dfc[ fUa `UbX`W h]b[ g`fUbgdcfU]cb`]b`XYj ]UhYX`k Y`g" `GdYW]Z]W]h]cb`cZhY`dfc`YWh  
k ]`VY`fY`YUgYX`cb`K`YY\_) "

5ggYgga Ybh) . '5gg][ ba Ybh(

8YhU]`g.7Ya Ybh]b[ `W]W`U]h]cbg

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

5ggYgga Ybh\* . '@UVcfU]c]fm

8YhU]`g.8f]`]b[ : `i ]X`UbX`7Ya Ybh]b[ '@UVcfU]c]fm

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+. `Hi`hcf]U`DUfh]W]dU]h]cb

8YhU]`g.Hi`hcf]U`UbX`]b`WUgg`YI`YfW]gYg

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

8YhU]`g.5`hk`c`\ci`fg`cb`]bY`ei ]n`k ]`VY`\c`X`k ]h]b`hY`YI Ua `dYf]cX"; i ]XY`]bYg`Zcf`\Y`d]b[ `hY  
dfYdUfU]h]cb`Zcf`hY`Z]bU`YI Ua `k ]`VY`fY`YUgYX`df]cf`hcf`hY`YI Ua "



		@UV`fH9H6`@ &-`UbX`cb`]bYŁ`@UV`(!`A i X 7`Ya ]WJ`5bU`mg]g`6
K YY_`%\$.`%*`Bcj Ya VYf! &\$`Bcj Ya VYf	@YVh`fY	@YVh`fY`fC b`]bYŁ`; Ug`a ][ fUh`cbž7 Ya Ybh`b[ Yei ]da Ybh`7 Ya Ybhd`UW`a YbhUbX`dcgh`cV Yj U`i Uh`cb"
	Hi hcf]U`	Hi hcf]U`fC b`]bYŁ`; ]bU`F Yj ]Yk "

## F Ygci fWg

### DfYgWf]VYX`F Ygci fWg`

Gi ddcfha UHf]U`Zcf`h]g`Wci fgY`]bW X]b[ žk \YbYj Yf`Uj U]UV`YžWcd]Yg`cZ`YWfi fY`bchYgž`YWfi fY`g`]XYgž  
fYWca a YbXYX`fYUX]b[ gžYH`WUb`VY`Zci bX`cb`A ccX`Y`  
H\Y`YWfi 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.

- F nYb`7 UYbbž< 7 < `8UfYnž; Ycf[ Y`F`"; fUm`7 ca dcg]hcb`UbX`DfcdYfh]Yg`cZ8f]`]b[ `UbX`7 ca d`Yh]cb
- : `i ]Xgž+h`YX]h]cbž; i `ZDfcZgg]cbU`Di V`]g\]b[ ž9`gYj ]Yfž`&\$%\*"
- 6ci f[ cmbY`5"H">f`žA ]`Y]a`?`?"ž7\YbYj YfhiA`"9"`UbX`Mci b[ : "G"`>f`. `5dd`YX`8f]`]b[ `9b[ ]bY"

]b



## Gi Va ]gg]cb'cZ5ggYgga YbhHUG\_g

H\Y'GWcc`\Ug'XYj Y'cdYX'U'[i ]XY']bY'hc'\Y'd'mci'k\Yb'gi Va ]h]b[ 'U'Wci fgY'Ugg][ ba Ybh'

K Y'YbWci fU[ Y'mci 'hc'fYU]b'U'Wc'dmcZYj YfmUgg][ ba Ybhgi Va ]hY'X'Zcf'UggYgga Ybh'Zcf'mci f'ck b'fYW'cfx Y]hY'f']b'\UfXW'c'dmcf'Y'Y'W'fcb]WZ'cfa "

5 ``UggYgga Ybh]a i gh\Uj Y'Ub'UggYgga YbhW'j Yf'g\YYhUthUWXYX"

## @UH'Gi Va ]gg]cb'cZUb'5gg][ ba Ybh

: i ``a Uf\_g'Zcf'Ub'Ugg][ ba YbhUfY'cb'mdcgg]V'Y'k\Yb'Ub'Ugg][ ba Ybh]g'fYW'j YX'VmihY'Xi Y'XUH'``

K Y'i bXYfghUbX'hUhUhh]a Yg'mci 'a UmbchVY'UV'Y'hc'gi Va ]hUb'Ugg][ ba Ybhcb'h]a Yz'UbX'hY'GWcc'k ]`UW'c'a a cXUH'UbmiZ]f'UbX'fYUgcbUV'Y'Yi h'bg]cb" K Y'k ci 'X'fYW'c'a a YbX'mci 'fYj ]Yk'h'Y'I BGK'GdYWU'7cbg]XYfU]cb'[i ]XY']bYg-gYY'gYW]cb'VY'ck "

@UH'gi Va ]gg]cb'k ]`bchVY'UWW'dhX'UbX'k ]``VY'W'cbg]XYfYX'Ug'bc'gi Va ]gg]cb"

## GdYWU'7cbg]XYfU]cb

Mci'Wb'Udd'm'Zcf'gdYWU'W'cbg]XYfU]cb'h'fc'i [ \ [H\Y'Bi.WYi.g'Gh.XYbh<i.V'k\Yb'\]`bYgg'cf'c'hYf W\]F'W'a ghUbW'g'\]bhYfZY'f'k \]h'mci'f'UggYgga Ybh'YfZ'cfa UbW'`G\]W\\_bYggza \]gUXj Ybh'fY'cf'c'hYf W\]F'W'a ghUbW'g'VYmcbX'mci'f'W'bf'c'`a Um](#)

- DfYj Ybh'mci'Z'ca'W'ca d'Y'h]b[ 'U'Wci fgY'f'Yei ]fYa Ybh
- ?Y'Y'd'mci'Z'ca'U'hY'bX]b[ 'Ub'UggYggUV'Y'UW'j ]hm
- G'hd'mci'gi Va ]h]b[ 'UggYggUV'Y'k cf\_'Zcf'U'Wci fgY
- **G]h]b]g]W]W]w]mci'f'U'f'Z'ca'Ub]Y]b]m]UggYggUV'Y'k cf\_'z'VY']hU'Z'cfa U'YbX]cZ'gYa YghYf YI'Ua ]bU]cbz'U'W'Ugg'hY'ghz'U''UV'cf'U'f'f'mi'ghz'U'gYa ]bU'f'dfYgYbhU]cb'cf'Ub'mic'hYf'Z'cfa'cZ UggYgga Ybh**

K Y'Ug\_'h'U'h'mci'd'Y'UgY'W'cb'U'W'h'h'Y'7'ci fgY'7'cbj Ybcf']a a YX]UH'`micbW'mci'`Uj Y'W'ca d'Y'h'X'h'Y'gdYWU'W'cbg]XYfU]cb'Udd']W]h]cbz'bc'`UH'f'h'Ub'cbY'k YY\_'Z'ca'gi Va ]gg]cb"

A cfY'XYU]g]cb'gdYWU'W'cbg]XYfU]cb'W'b'VY'Zci bX'Uh [k k k "gh XYbh'i bgk "YXi "Ui #gdYWU!W'cbg\]XYfU\]cb](#)

## Gh XYbhGi ddcfh

H\Y'I b]j Yfg]miUbX'h'Y': UW'h'md'fcj ]XY'U'k ]XY'f'Ub[ Y'cZ'gi ddcf'hgYfj ]W'g'Zcf'gh XYbhg]z']bWi X]b[ .



5 WUXYa ]W#Zcfa Uh]cb

7 ci fgY'F Ygi `hg

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

#'gca Y']bghUbW'g'mci f'Z]bU'W'ci fgY'fYgi `ha UmVY'k ]H\Y'X'UbX' bchfY'YUgYX'cb'hY'l BGK 'd'UbbYX'XUH'"  
H\]g:]g]bX]WUH'X'VmU'W'ci fgY' [ fUXY'fYgi `hcZY]hYf.

- @9'-' ]bX]WUH'g'mci `Uj Y' bchW'ca d'YH'X'cbY'cf'a cfY' ]H'a g'cZUggYgga Ybh'cf





