

# POLS5130

=bhYfbUh]cbU``DYUWY`UbX`GY₩ f]hm

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

# ₱œ*₦*ġ**₱ġ**ŶŸĠjŸ₩ſj ]Yk

### GHJZZ7cbHJWh78YHJ]`g

### 7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
5`YI UbXYf'? cfc`Yj	U"_cfc`Yj 4 \$ 🐝	‰		

# 7cifgY<sup>·</sup>8YHJ]`g

### 7 fYX]hDc]bhg<sup>·</sup>\*<sup>·</sup>

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

H\]g Wci fgY WcbWidh U`]gYg UbX WcbHYI h U`]gYg ]bH fbUh]cbU``gYW f]lmUbX dYUWY h fci [\`h.Y.`Ybg cZh.Y UWUXYa ]WX]gW]d`]bY cZ=bH fbUh]cbU``F Y`Uh]cbg" H\Y`[cU``]g hc Yei ]d mci `k ]h. 'h.Y`\_bck `YX[Y`cZX]ZY fYbh UddfcUV&Ygž Wca dYh]b[ `dUfUX][ a gž UbX h YcfYh]WU``XYVUH g fY`Yj Ubh tc i bXYfgHDbX]b[ `h.Y fYU`!k cfX gYW f]lmi]ggi Yg i bZc`X]b[ `]b 'h.Y WcbH a dcfUfm]bH fbUh]cbU``dc`]h]Wg" H\Y`ZfgHdUfhcZh Y Wci fgY YI d`cfYg h.Y`HfUX]h]cbU``UddfcUW&Yg 'tc`]bH fbUh]cbU``gYW f]lmUbX YI Ua ]bYg 'gi W. 'd]j cHU``]bH fbUh]cbU``]ggi Yg 'Ug 'h.Y f]gY`cZ7 \]bU`UbX`h.Y`HfUbgZcfa Uh]cb`cZh.Y`[`cVU``dck Yf 'gHi Wi fYžF i gg]U'g 'ZcfY][ b`dc`]WmfYgi f[ YbW' UbX`]a d`]WUh]cbg 'Zcf`h.Y`HfUbgI5 hUbh]WgYW f]lmž'h.Y`gdfYUX cZbi WYUf`k YUdcbg 'UbX`h.Y`B cfh.'? cfYUb bi WYUf`Wf[g]gž'h.Y`[Ycdc`]h]WU`XmbUa ]Wg 'gi ffci bX]b[ `h.Y`Gci h.'7 \]bU`GYU`X]gdi H'ž'h.Y`gi fj ]j U``cZga U`` UbX`a ]XX`Y`dck Yfg`Ua cb[ ghi[ fYUhdck Yf`VcbZcbHh]cbž`UbX`ch.Yf`]ggi Yg" 'H\Y`gYWcbX`dUfhcZh.Y`Wci fgY g\]Zm 'h.Y`ZcW g 'hc`h.Y`bcb!hfUX]h]cbU`#\i a Ub`gYW f]lmih.fYUhg`]b`h.Y`&%ghWYbh fmik ]h.`gdYW]U``Ya d\Ug]g`cb Yh.b]WUbX`W] ]``WcbZ]Wgž'h'ffcf]ga žYbj ]fcba YbH``XY[ fUXUh]cb'UbX`W]a Uh'`W.Ub[ Yž'WhVYf!gYW f]lmž'UbX ch.Yf`]ggi Yg`ZJ``]b[`i bXYf'h.Y`WUhY[ cfmcZbcb!hfUX]h]cbU``gYW f]m"'

#### 7cifgY`@YUfb]b[`CihWcaYg

- % FYWc[b]gYžWcadUfYžUbX'Udd`mX]ZZYfYbhth.YcfYtjWU``dUfUX][agžUddfcUWXYgžUbX'WcbWYdhg`hcUbU`mgY'UbX'YId`U]b'jUf]cig'[`cVU``UbX'fY[]cbU``gYWf]hm'WxU``Yb[Yg
- &" 5ddfYWJUHY 'h\Y'gHYb[ h\g'UbX``]a ]hg'cZh\Y'YI ]gh]b[ 'h\YcfYhJWU``ZfUa Yk cf\_g']b'YI d`U]b]b[ '\_Ym]ggi Yg ]b'[ `cVU``UbX']bHYfbUh]cbU``gYW f]hmUZJJfg
- ' " 5bU`mgY`UbX`UddfU]gY`h\Y`]bhYfbUh]cbU``gYW f]hmW\U``Yb[ Yg`Wcj YfYX`]b`h\Y`Wci fgY`Ug`k Y```Ug`h\Y gHJ\_Ygž'UddfcUV\Ygž'dc`]W]Ygž'X]`Ya a Ugž'UbX`VY\Uj ]ci f`dUhYfbg`cZh\Y`]bj c`j YX`d`UmYfg

#### HYUWX]b[ GhfUhY[]Yg

5gʻU'A UghYfgʻYj YʻWci fgYžDC@G)% \$ʻ]gʻ]bhYbXYXʻVch, hcʻgi ddʻYa YbhYl ]gh]b[ʻ\_bck `YX[YʻUbX YI dYf]YbW UbXʻUʻgcʻhcʻXYj YʻcdʻYI dYfh]gYʻ]bʻh\YʻUbUʻmg]gʻcZh\Yʻ\_Ym]ggi Ygʻ]bʻ5i ghfU`]UbʻZcfY][bʻdc`]Wf H\YʻWci fgYʻ]gʻVUgYXʻcbʻh\YʻUggi a dh]cbʻh\Uhighi XYbhgʻ\Uj YʻUbʻUWfjj YʻfcʻYʻhcʻdʻUm]bʻh\YʻYUfb]b[ʻdfcWgg UbXʻUfYʻUVfjj YʻdUfh]W]dUbhgʻ]bʻh\YʻdfcXi WfjcbʻcZ\_bck `YX[Yžk\Yh\Yf`h\Ym`\Uj Yʻdf]cfʻ\_bck `YX[Y`cf YI dYf]YbW cZh\YgY`]ggi YgʻcfʻbchʻH\i gžh\YʻWci fgYʻUWfjj Y`mYb[U[Ygʻghi XYbh]bj c`j Ya Ybhh\fci [\ ]bXYdYbXYbhfYUX]b['zWUggʻdUfh]W]dUh]cbʻUbXʻh\YʻdfYdUfUfJcbʻUbXʻdfYgYbhUh]cbʻcZk f]hfyb'k cf\_"

H\]gʻWcifgYʻgYY\_gʻhcʻXYjY`cdʻmcifʻWf]hjWU``UbU`mg]gʻUbX`Wcaaib]WUhjcbʻg\_]``gʻUbX`dfcj]XYʻghfiWhifYX `YUfb]b[ʻgcʻh\UhimciʻaUmUdd`mih\Y`\_bck`YX[Y`[U]bYX`X]fYWhimhcʻdfYgYbhUbX`ZihifY`WUfYYfgʻ]b`Vig]bYggž h\Y`diV`]WgYWncf`UbX`h\Y`bcb![cjYfbaYbhgYWncf"`H\Y`WcifgY`]gʻXYg][bYX`hc`Wcbhf]VihY`hc`Ub`]bWig]jY Wff]W`ia`]b`h\Y`ghiXmcZiahYfbUhjcbU``FY`Uhjcbg"

DC @G) % \$`]g`XYg][ bYX`Ug`U`gYa ]bUf`fk ]h`UXX]hjcbU``cb`]bY``YUfb]b[``UWfj ]hjYgŁ`]b`cfXYf`hc`a YYhh\Y `YUfb]b[`ci hVca Yg`]XYbhjZjYX`UVcj Y"`5`gYa ]bUf`WUb`VY`XYZjbYX`Ug`U`WUgg`VcbXi WhYX`h\ci [\`UWfj Y ghi XYbhX]gW gg]cbg`Ug`cddcgYX`hc`U``YWfi fY`]b`k \]W\`h\Y``YWfi fYf`U`cbY`i gi U``mWcbXi Wfg`h\Y`X]gW gg]cb" : cf`YUV\`gYa ]bUf`=k ]```dfcj ]XY`U`Vf]YZdfYgYbhUhjcb`hc`]bhfcXi WY`h\Y`k YY\_`g`hcd]WUbX`a U]b`h\Ya Yg`UbX`hc ZfUa Y`h\Y`fYUX]b[ g`UbX`X]gW gg]cb`Zcf`h\Uhhcd]W`H\Y`gYa ]bUf`X]gW gg]cbg`k ]```dfcj ]XY`U`ghfi Wfi fYX Ybj ]fcba Ybh]b`k \]W\`mci `WUb`YI d`cfY`mci f`cd]b]cbgž'W\U``Yb[ Y`W`ffYbhVY`]YZg`UbX`XYj Y`cd`bYk WcbWfdhi U``hcc`g`UbX`i bXYfghUbX]b[ g" 5b'Ya d\Ug]g'k ]``'VY'd'UWYX'cb'ghi XYbh'YX'`YUfb]b[ 'UbX'X]gW gg]cbž'UbX']h]g'YI dYWYX'h\UhU``'ghi XYbhg k ]``'UWfj Y`mWcbhf]Vi hY'hc'[ fci d'UbX'WUgg'X]gW gg]cbg"'Mci 'k ]``'U'gc'VY'YI dYWYX'hc'Yb[ U[ Y']b ]bXYdYbXYbhighi Xmži g]b[ 'h\Y'fYUX]b[ ``]ghg'dfcj ]XYXž'UbX'\Uj Y'dfYdUfYX'df]cf'hc'YUW\'gYa ]bUf'Vm Wca d`Yh]b[ 'h\Y'fYei ]fYX'fYUX]b[ g'UbX'Ug'a UbmcZh\Y'fYWca a YbXYX'fYUX]b[ g'Ug'dcgg]V`Y"

### 5ggYgga Ybh

5gʻfY`Uhj Y`mZYk `UfhjWYg`UfY`Ugg][bYX`YUWX`k YY\_žmci `UfY`fYei ]fYX`hc`fYUX`U```cZh\Ya `WUfYZ ``mVYZcfY Wca ]b[`hc`WUgg"`5Whj Y`UbX`]bZcfa YX`X]gW gg]cbg`UfY`j ]hU``hc`h\Y``]ZY`cZh\Y`Wci fgY"`9j Yfmghi XYbh]g YI dYWhYX`hc`UWhj Y`mWcbhf]Vi hY`hc`h\Y`gW\c`Uf`mYI W\Ub[Y`h\fci [\ci hih\Y`Wci fgY"`FY[i`Uf`Wcbhf]Vi h]cbg k]``\Y`d`mci `hc`gi WWYYX`]b`h\Y`gYa ]bUf`UbX`k]``Yb\UbWY`h\Y``YUfb]b[`\$ **%** 



#### 5HYbXUbW/FYei]fYaYbhg

5 'ghi XYbhi]g'Yl dYWYX'nc 'UhYbX'U```WUgg'WcbhUWi\ci fg'Zcf'U'ZJWY!hc!ZJWY'fl & Łcf'V`YbXYX'Wci fgY'UbX Wca d`YhY'U```UWfjj ]h]Yg'Zcf'U'V`YbXYX'cf'Z ``mcb`]bY'Wci fgY"

5 'ghi XYbh'k \c'Uff]j Yg'a cfY'h\Ub'%) 'a ]bi hYg``UhY'a UmVY'dYbU`]gYX'Zcf'bcb!UhhYbXUbWY'''=Zgi W\'U'dYbU`hm ]g']a dcgYXž'h\Y'ghi XYbha i gh'VY']bZcfa YX'j YfVU``m'Uh'h\Y'YbX'cZWUgg'UbX'UXj ]gYX']b'k f]h]b[''k ]h\]b'&( \ci fg''

ZUʻghi XYbhYI dYf]YbWYgʻ]`bYggža ]gUXj Ybhi fYʻcfʻch\YfʻcVWY ffYbWYʻh\Uha U\_YgʻUVgYbWYʻZfca ʻU WUgg#UWfjj ]hmi bUj c]XUV`YžcfʻYI dYWygʻhcʻVYʻUVgYbhZfca ʻUʻZcfh\Wca ]b[ ʻWUgg#UWfjj ]hmž'h\Ymg\ci `XʻgYY\_ dYfa ]gg]cbʻZfca ʻh\Yʻ7 ci fgYʻ5i h\cf]hmžUbXʻk \YfYʻUdd`]WUV`Yž'h\Y]fʻfYei Yghg\ci `XʻVYʻUVWca dUb]YXʻVmUb cf][ ]bUʻcfʻWYfh]ZJYX`WcdmicZUʻa YX]WU``WYfh]ZJWUHYʻcfʻch\YfʻZcfa ʻcZUddfcdf]UHYʻYj ]XYbWY"

: cf`a cfY`]bZcfa Uh]cb`UVci hh\Y`UhhYbXUbWY`dfchcWc`g`]b`h\Y`: UW``hmicZ5fhg`UbX`GcW]U``GW]YbWYg. \hhdg.##k k k "Ufhg"i bgk "YXi "Ui #W ffYbhighi XYbhg#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`g![i]XY`]bYg#

: cf`YggYbhJU``ghi XYbh]bZcfa UhJcb`fY`UhJb[`hc.`fYei Yghg`Zcf`YI hYbg]cb/fYj ]Yk `cZa Uf\_g/cVWV dUhJcbU``\YU`h UbX`gUZYhm'YI Ua ]bUhJcb`dfcVWXi fYg/gdYVJU``Vcbg]XYfUhJcb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybh fY/ ghi XYbhYei ]hmUbX`X]gUV]`]hm'UbX`ch\Yf`YggYbhJU``UVUXYa ]W]bZcfa UhJcbž'gYY \hhdg.##k k k "Ufhg"i bgk "YXi "Ui #W ffYbhJghi XYbhg#JVUXYa ]W]bZcfa UhJcb#dfchcV/c`g![i]XY`]bYg#

### 7 ci fgY GWX YXi `Y

#### J]Yk WUgg'ha YHJV'Y

#### H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh
K YY_`%`%) : YVfi Ufm!'% : YVfi Ufm	GYa ]bUf	CjYfj]Yk Ź`@c[]gh]Wg`cZ7cifgY K \Uh]g`]bhYfbUh]cbU``gYW f]m3`K \mXc`ghUhYg Yb[U[Y`]b`kUfg3` <ck`wub`ghuhyg``]jy`fcf`wub`h\ymuh U``E`]b`dYUWY`k]h\`YUW\`ch\Yf3`=g`]h\iaUb`bUhifYž h\Y`dc`]h]WU``gmghYag`cZghUhYgž`cf`]bhYfbUh]cbU` UbUfW\mih\UhWUigYg`]bhYfghUhY`WcbZ]Wfg3</ck`wub`ghuhyg``]jy`fcf`wub`h\ymuh 
K YY_`&.`&&`: YVfi Ufm!`&* : YVfi Ufm	GYa ]bUf	H\YcfYh]WU`'5ddfcUWXYg'nc'h\Y'GhiX]Yg'cZ ➡bhYfbUh]cbU`'DYUWY'UbX'GYWYf]hm K \Uh]g'U'h\Ycfm3'K \mXc'kY'bYYX'U'h\Ycfm3' <ck hc'igY'h\Ycf]Yg'nc'VYhhYf'ibXYfghUbX'h\Y'fYU'!kcfX YjYbhg3'K \Uh]g'"h\Y'VYgh"'h\YcfmiZcf'mcif fYgYUfWX3</ck 
K YY_''.'%A UfVX'!') A UfVX	GYa ]bUf	DYfg]ghYbhF]gY`cZ7\]bU`UbX`h\Y`; fYUhDckYf 7cbZ]Wh =g`dYUWYZ``dckYf`hfUbg]hjcb`VYhkYYb`h\Y`Ib]hYX GhUhYg`UbX`7\]bU`dcgg]V`Y`cf`]g`h\Y`kcfX`g`]X]b[ ]bhc`h\Y`H\iWhX]XYg`hfUd3`K\Uh`UfY`h\Y`]ad`]WUh]cbg cZ7\]bU'g`Wcbh]bicig`f]gY`hc`h\Y`kcfX`dYUWY3 K\Uh`]g`h\Y`]adUWhcZ7CJ=8!%-`[`cVU``dUbXYa]W

5df]`	K ∖Uhi]gʻh∖Yʻ]a dUWhicZ7CJ=8!%-icbi]bhYfbUh]cbU` dYUWFiUbXigYWif]hm3iK ∖Uhi]gi]hgi]a dUWhicb

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

## Hi fb]h]b Gi Va ]gg]cb

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba YbhH\fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU''Gi ddcfhicb'-', ) '' ' %cf'Ya U]`'H\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUfŁ'' Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZJi `hk ]h\'Hi fb]hjb'mci 'a UmUdd`m'Zcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU''Gi ddcfhfU'cb[ 'k ]h\ 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁ'hc

5WUXYa]W<cbYghmUbX^D`U[]Uf]ga

# 5₩UXYa]W=bZcfaUh]cb

: cf'YggYbhJU``gh XYbh']bZcfa UhJcb'fY`UhJb[ 'hc.

- fYei YghgʻZcfʻYl hYbg]cb/ •