: `cf]XU'Gi dfYa Y'7ci fh'hc'FYj]Yk'F=7C 7cbj]Wh]cb'cZ'9l!8Ydi hm'K YghYf



JW_gcb 7ci b hmž: `cf]XUžI G5 !! H\Y: `cf]XU'Gi dfYa Y'7ci fh']g
[YUf]b[ii d hc X]j Y']b hc 'U 'Wcbhfcj Yfg]U` 'WUgY gi ffci b X]b['Zcfa Yf
JW_gcb 7ci b hm'g\Yf]ZZ g' XY di hm' NUW Ufm' K YghYfžk \c 'k Ug
dfYj]ci g`m' Wcbj]WhY X 'cb 'a i `h]d`Y 'Wci b hgž]b Wi X]b['fUW_YhYYf]b["
H\Y' WUgY']g' XfUk]b['UhhYbh]cb 'bch'cb`m' Zcf']hg']a d`]WUh]cbg'cb
K YghYf g' Zi hi fY 'Vi h'U`gc 'Zcf'k \Uh']h'gUmg' UVci h'h\Y' Udd`]WUh]cb 'cZ
fUW_YhYYf]b['`Uk g']b': `cf]XU" 'K YghYfž'k \c 'gYfj YX']b'h\Y'g\Yf]ZZ g
c ZZ]WY' Zfca '&\$%* 'i bh]``\]g' UffYgh']b' &\$%, ž'k Ug' Wcbj]WhY X'cZ
ZUVf]WUh]b['Yj]XYbWY' Vm'd`Ubh]b['Xfi [g'Xi f]b['hfUZZ]Wghcdgž
`YUX]b[hc'k fcb[Zi ``UffYghg'cZ'cj Yf'U'XcnYb']bbcWYbh']bX]j]Xi U`g"

 $\label{thm:local-control} $$ h\ Uh'h\ Y'fUW_YhYYf]b[\ 'WW Uf[\ Yg'U[\ U]bgh'K \ YghYf'g\ci \ 'X'VY'j \ UWUhYX'' \ H\ Y'UddY``UhY'Wci fh'UggYfhYX'h\ Uh'g]bW'K \ YghYf'UWhYX $$]bXYdYbXYbh`mž'h\ Y'ghUbXUfXg'fYei]fYX'Zcf'fUW_YhYYf]b[ž'k \]W\ hmd]\WU``m']bj c`j Yg'h\ Y'dUfh]\W]dUh]cb'cZ'hk c'cf'a cfY'dYcd`Yž'k YfY bch'a Yh''5`h\ci [\'\]g'Wcbj]\Wh]cbg'cb'ch\ Yf'W\ Uf[Yg'fYa U]b]bhU\hž'h\ Y'Wci fh'\ Ug'WU``YX'Zcf'U'fYgYbhYb\W]b[ž'fU]g]b['h\ Yei Ygh]cb'cZ'k \Yh\ Yf'h\ Y'fU\W_YhYYf]b['`UVY`'k Ug'Uddfcdf]UhY']b h\]g']bghUb\W''$

$H Y = a d \] WUh] c b g c Z F = 7 C$

 $H\Y'']b]h]U``Wcbj]Wh]cb`fYgi`hYX`]b`U`\YZhm`gYbhYbW`cZ`cjYf``% mYUfg`VY\]bX`VUfg`Zcf`K YghYfž`YbWca dUgg]b[`W\Uf[Yg`gi W\`Ug cZ]W]U``a]gWcbXi Whž'dYf^l fmž`UbX`Xfi [!fY`UhYX`Wf]a Yg"`H\Y`fi`]b[g Zfca h\Y`UddY``UhY`Wci fh`\Ui bh'h\Y`5hhcfbYm; YbYfU` g`CZ]WYž k\]W\`Uf[i Yg`h\Uh`gi W\`U`XYW]g]cb`Wci `X`\Ua dYf`YZZcfhg`hc dfcgYW` hY`]bX]j]Xi U`g`k \c`Wca a]h`Wf]a Yg`k]h\]b`h\Y`dck Yf ghfi Whi fYg`cZ`h\Y]f`cf[Ub]nUh]cbg"`H\]g`WcbWfb`fYZYWhg`VfcUXYf Wcbg]XYfUh]cbg`fY[UfX]b[`h\Y`i gY`cZ`h\Y`F=7C`5Whž'k\]W\`k Ug XYg][bYX`hc`Wca VUh`cf[Ub]nYX`Wf]a Y`Vi h`]g`bck`ZUW]b[`gWfi h]bm Xi Y`hc`]hg`Udd`]WUh]cb`]b`]gc`UhYX`]bghUbWfg``]_Y`K YghYf g" 5WWcfX]b[`hc`MU\cc`BYk gž'h\Y`UddYU``\Ug`fU]gYX`U` ei Ygh]cb`cZ [fYUh`]a dcfhUbWY`h\Uh`h\Y`: `cf]XU`Gi dfYa Y`7ci fh`k]```bck YI Ua]bY"$

@cc_]b['5\YUX

H\Y::`cf]XU:Gi dfYa Y:7ci fh'\Ug:gYh:XYUX`]bYg:Zcf:`Y[U`:Vf]YZg:UbX k]``bch]Zm:Wci bgY`:g]I hm:XUmg:df]cf:hc:h\Y:cfU`:Uf[i a Ybhgž:U:a cj Yh\Uh:dc]bhg:hck UfXg:U:h\cfci [\'YI Ua]bUh]cb:cZ:h\Y:Wca d`YI]ggi Yg:Uh:ghU_Y:"K]``:h\]g:WUgY:`YUX:hc:g][b]Z]WUbh:WX:Ub[Yg:]b:h\Y dfcgYWih]cb:cZ:fUW_YhYYf]b[:]b::`cf]XU3:Cb`m:h]a Y:k]``:hY``"=b:h\Y a YUbh]a Yž:]h:gYfj Yg:Ug:U:ghUf_:fYa]bXYf:cZ:h\Y:XY`]WUhY:VU`UbWY VYhk YYb:dfcgYWih]b[:cf[Ub]nYX:Wf]a Y:UbX:Ybgi f]b[:h\Uh]bX]j]Xi U`:UWh]cbg:Xc:bch:[Yh:a]gWX:UfUWhYf]nYX:i bXYf``Uk g]bhYbXYX:Zcf:Wcbgd]fUhcf]U`:VY\Uj]cf"

5g'k Y'Uk U]h'Zi fh\Yf'XYj Y`cda Ybhgž'h\Y'ghcfm'cZ'NUW\Ufm'K YghYf]g'U'W\]``]b['WUi h]cbUfm'hU`Y'cZ'k \Uh'WUb'\UddYb'k \Yb'`Uk YbZcfWYa Ybh'cZZ]W]U`g'VYhfUm'h\Y]f'dcg]h]cbg'cZ'hfi gh"'H\]g'gU[U a Um'j Yfm'k Y``'W\U``Yb[Y'h\Y'j Yfm'Zci bXUh]cbg'i dcb'k \]W\fU\W_YhYYf]b['`Uk g'UfY'Vi]`h'UbX'\ck 'h\Ym'UfY'Udd`]YX']b'Zi hi fY WUgYg"

8YhU]`g	
Cfh	IJW_gcb~7cibhmž:`cf]XUžIG5
EiY``Yb	bYk g"k Zgi "cf[
	• k k k "mU∖cc"Wca
	• k k k "′i gh]VW"[cj

6 Ygi W Yb G]Y i bg Ui Z a Y]b!k]Yb bYh