Dc`_'7ci bhm':]fY'FYgW'Y'9Ufbg'; c`X'Zcf Hcd'<YUfh'5hhUW_'7UfY°

Dc`_'7ci bhm':]fY`FYgW'Y`YUfbg`h\Y`5<5/, \$' - /g'; c`X 5k UfX`Zcf`YI WY``YbWY`]b`dfY\cgd]hU``\YUfh'UhhUW_'UbX`ghfc_Y WUfY`]b`&\$&) "



:]fY '7 \]Y Z'G \ Uk b 'Ga]h\ 'Y | dfYggY X 'h\ Y 'g][b]Z]WUb WY 'c Z'h\]g fY Wc[b]h]c b ž'b c h]b['h\ Uh']h 'fY]b Zc fWYg'h\ Y 'c f[Ub]n Uh]c b g XY X]WUh]c b 'hc']a dfcj]b['d Uh]Y b h ci hWca Yg"' ≠ 0 '&\$&('U`c b Y ž'D7: F fYgdcbXYX'hc'%ž\$(,'GH9A='UbX'%ž(,-'ghfc_Y'U`Yfhgž'W'`a]bUh]b[]b'U'fYaUf_UV`Y'hchU`'cZ'&ž)'+'YaYf[YbWm'WU``g"'GiW\Wcaa]haYbh'XcYgbh'[c'ibbch]WYX'Ug']h'`Umg'h\Y'[fcibXkcf_'ZcfZfh\Yf'UXjUbWYaYbhg']b'YaYf[YbWm'fYgdcbgY"

GYhh]b[<][\ GhUbXUfXg

 $\label{thm:local-control} Hc ``UW`,]Yj Y ``h`,]g ``dfYgh][]ci g '; c `X ``5k UfXž'D7: F ``a U]bhU]bYX ``U Wc a d `]Ub W ``fUhY ``c Z' +) ı ``c f' [fYUhY f' Zc f' Wfi W]U` ``5a Yf]WUb' < YUfh 5ggc W]Uh]cb ``a YUgi fYg'' ``H\ YgY ``a Yhf]Wg']bWi XY ``Wf]h]WU` Wc a dcbYbhg gi W. ``Ug ``YZZY Wh]j Y ``m']b Zc fa]b [``WfYk g ``c Z'dchYbh]U` ghfc_Y ``dUh]Ybhg ``h\ fci [\ '-!%!%'X]gd UhW\ Yfg ``UbX ``Ybgi f]b [``h]a Y ``m dYfZc fa Ub W '`c Z'YggYbh]U` ``dfc W Xi fYg ``]_Y ``UXa]b]ghYf]b [``97; g k]h\]b ``%$ ``a]bi hYg ``c Z'Z]fgh `Wc bhUWh'' FYa Uf_UV ``mž'fYgdcbXYfg ``U` ``gc dfcj]XY ``Ugd]f]b ``hc ``gi gd Y WhY X `\ Y Ufh `UhhUW_` dUh]Ybhgž'U``` k \]`Y U`Yfh]b [``h\ Y ``fY WY]j]b[``a Y X]WU``ZUW]`]hm ``UV ci h'd cg]h]j Y ``GH9A = hYghg k]h\]b ``h\ Uh`gUa Y ``Wf]h]WU``h]a Y ``ZfUa Y''$

=a dfcj Ya Ybhg H\fci [\ A]gg]cb @]ZY`]bY

9j Yf g]b W h\ Y]a d`Ya YbhUh]cb c Z h\ Y A]gg]cb @]ZY`]b Y dfchc Wc``]b &\$%) \check{z} D7: F `\ Ug hf UbgdcfhY X & \check{z}) ,) `d Uh]Yb hg \check{z} g\ ck WUg]b [`h\ Y g][b]Z]WUb h ghf]X Yg a UXY `]b `Ya Yf [Yb Wma YX]WU` f YgdcbgY " 5 bchUV`Y gi WW gg ghc fm]g h\ Y `]b Wf Y UgY `]b `d Uh]Yb hg a YYh]b [`h\ Y 9&6 `f PA G`hc `V U``ccb E'h]a Y `c Z - \$`a]bi h Yg \check{z} k\]WX `W]a VYX `Zf ca +(ı `]b `&\$%) `hc `, (ı `Vm &\$%- " 5`h\ ci [\ `h\ Y `7 C J =8!%- `d Ub X Ya]W dcgY X `WX U``Yb [Yg \check{z} D7: F `a Ub U[YX `hc `a U]b h U]b `]a df Ygg]j Y `f Uh Yg k]h\ `, (ı `]b `&\$%- \check{z} , %ı `]b `&\$&\$ \check{z} Ub X `+\$ı `]b `&\$&%"

 $H\Y''i bXYf!hf]U[Y'fUhY'Zcf'GH9A = dUh]Ybhg'hcc_'U'X]d'Ug'k Y``/']h XfcddYX'Zfca 'VYhk YYb'&i 'hc'(i ']b'h\Y'mYUfg'&$%)!&$\%+'hc '$

$H\ Y F c Y c Z 9 A G]b 7 caa i b]hm < YU h$

5 WWcfX]b['hc'h\Y'787ž\][\!ei U`]hm'Ya Yf[YbWm'a YX]WU`gYfj]W'g f9A GŁ'd`Um'Ub'YggYbh]U`fc`Y']b']a dfcj]b['gi fj]j U`fUhYg'Zcf'h]a Y!gYbg]h]j Y'Ya Yf[YbW]Yg'gi W\'Ug'ghfc_Yg'UbX'\YUfh'UhhUW_g" < k Yj Yfž'h\Y'ei U`]hm'UbX'UWW'gg]V]`]hm'cZ'h\YgY'gYfj]W'g'WUbX]ZZYf'k]XY`m'UWfcgg'h\Y'I "G"ž'g\UdYX'`Uf[Y`m'Vm'`cWU`'UbX'ghUhYZ'bX]b["'8]gdUf]h]Yg'VUgYX'cb'fUWYž'Yh\b]W]hmž'UbX'[Yc[fUd\mibXYfgWcfY'h\Y']a dcfhUbWY'cZ'Yb\UbW]b['9A G'gmghYa gžYgdYW]U``m']b'fi fU`'UbX'i bXYfgYfj YX'Wca a i b]h]Yg"

9a Yf[]b['UddfcUW\Yg'`]_Y'Wca a i b]hm'dUfUa YX]W]bY'U]a 'hc Vf]X[Y'[Udg']b'\YU`h\WUfY'UWW'ggž'YI dUbX]b['dfYj Ybh]j Y'WUfY'Zcf dcdi `Uh]cbg'h\Uh'bYYX']h'a cgh"'H\Y'787'U`gc'Ya d\Ug]nYg'h\Y bYW'gg]hm'Zcf'fYgYUfW\']bhc'\YU`h\']bYei]h]Yg'hc']bZcfa 'di V`]W \YU`h\'XYW]g]cbgž'U'fYgdcbg]V]`]hm'h\Uh'`cWU`'Ui h\cf]h]Yg'g\ci `X'bch hU_Y'`][\h`m'

±0 'WcbWi g]cbžh\Y'UW\]Yj Ya YbhgʻcZʻDc`_'7ci bhm':]fYʻFYgWi Y XYa cbghfUhYʻh\Yʻdck YfʻcZʻX]`][YbWižʻhfU]b]b[žʻUbXʻWc``UVcfUh]cb]b 'Yb\UbW]b['Ya Yf[YbWm'a YX]WU``gYfj]WYg"'H\Y]fʻUk UfX!k]bb]b[ghUhi gʻbchʻcb`mʻVf]b[gʻdf]XYʻhcʻh\YʻWci bhmʻVi hʻU`gcʻdfcj]XYgʻUhYa d`UhYʻZcfʻch\YfgʻhcʻZc``ck ']bʻh\Yʻdi fgi]hʻcZʻYl Ya d`UfmdfY\cgd]hU``WUfYžʻYbgi f]b['h\UhʻbcʻcbYʻ]gʻ`YZhʻVY\]bX'k \YbWf]h]WU``a ca YbhgʻUf]qY"

8 Y hU]`g	
Cfh	Dc`_'7cibhmžilG5
EiY``Yb	• kkk"dc`_!Wcibhm"bYh
	•]bh'Ya "V]ca YXWYbhfU`"Wca

8 Y hU]`g	
	• k k k "WXW"[cj

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!k]Yb "bYh