

IEST5008

@Uf[Y!gWU`Y`7cbgYfjUh]cb`]b`DfUWfJWY

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

7ci fgY⁻Cj Yfj]Yk

GHJZ7cbHJWh8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
F cgU`]Y '7 \Udd`Y	\cup	BchY.'5`gc'h\Y WcifqY'`YWhifYf"		\$(%,,'',+

GWXcc``7cbHJWhʻ±bZcfa Uh]cb

GWkcc`cZ<iaUb]hJYg'UbX'@Ub[iU[Yg

@c\\U||cb. G\\cc``C\\Z|\\\žA\cfj\Yb'6fck\b'6i]\X]b[\z'@\j\Y``&z'&),

CdYb]b['<ci fg. 'A cbXUm'! : f]XUmž - Ua '!') da

D\cbY.'Ž*%'&'-',)'%*,%

: UI . 'Ž * %'&'-' ,) ', +\$)

9a U]`. \<u>\U`4 i bgk "YXi "Ui</u>

5ggYgga

5 X X] h] c b U` `X Y h J] `g.

5 hyb XUb WY F Yei] fYa Ybhg

D'YUgY bchY WUfYZ "mh\Y gWXYXi Y VY ck "

H%k YY_g'%!'(.'Cb`]bY'ghi Xmfa]b]a i a '*'\ci fg'd`i g'fYUX]b['h]a YEVUgYX'cb'a ccX`Y'a cXi `YgžfYWcfXYX`YWfi fYgžfYUX]b[g'UbX'cb`]bY'UWfjj]h]Yg']bWi X]b['UggYgga YbhiHJg_g''

 $H\%k\ YY_g`(\ '\ ')\ '!:\ f]XUmA\ UfVX`\%Z'\ '\%\ .\ 'Hk\ c`\ U`ZXUmg`cb`Wa\ di\ g`f\&!\ *da\ Ł''`5ffYbXUbW'`]g`gffcb[`m\ dfYZYffYX`Vi\ h]g`bcha\ UbXUlcfmZcfghi\ XYbhg`k\ c`Xc`bch`]j\ Y`]b`GmXbYmUbX`Wbbcha\ U_Y`h\]g`]b`UXj\ UbW'cZh\Y`Z]Y`X`lf]džcf`k\c`Wbbch[YhYl\fu]ha\ Y`cZk\ cf_\L':\ cf`h\cgY`k\c`WbbchUHYbX`]b`dYfgcbž'd`YUgY\ WcbHJWh\Y`Wci\ fgY`Wcbj\ Ybcf`hc`a\ U_Y`UffUb[\ Ya\ Ybhg`Zcf`cb`]bY`ghi\ XmUbX`cb`]bY`[\ fci\ d`X]gW'\ gg]cb`cj\ Yf\ h\YgY`lk\ c`k\ YY_g`VYZcfY`h\Y`Z]Y`X`lf]d"$

H%k YY_'* 'A UfW. '&*!&, 'f! f]XUm'-'Gi bXUm'. 'A UbXUhcfm'UlthybXUbW' 'Zcf'U`` 'gli XYbhg']bWi X]b[X]ghUbW'! 'U'' !XUm'Z]Y`X'hf]d']b'h\Y'6`i Y'A ci bhU]bg'fghUm]b['cj Yfb][\hcb': f]'UbX'GUh':fghUfng']b? Uhcca VU'Uh'%\$Ua ': f]XUm'UbX'YbXg') da 'Gi bXUm'!'8 c'bchYbfc``]Zmci 'WUbbchUlthYbX'h\Y'Z]Y`X'hf]d'' Gh XYbhg'a i gh'U'gc'bchY'h\Uh'h\Y'Z]Y`X'hf]d'ZYY']g'Uddfcl]a UhY`m` %+\$'hc'Wcj Yf'UWWca a cXUh]cbz'hfUj Y`z [i YghdfYgYbhYfg'UbX'gca Y'ZccX'Yl dYbgYg''

H%k YY + A UfW &-!' \$ fA cb! Hi YgŁ DfYdUfY [fci d'dfYgYblUhcb fbc Wugg UhYbXUbWŁ

H%k YY_`+`A UfWk'' %fK YXbYgXUmŁ'; fci d'dfYgYbHJhJcbg'cb!WJa di g'fUHYbXUbW']b'dYfgcb']g'glfcb[`m dfYZYffYX'Vi hbcha UbXUhcfm]Zqca Y'qh XYbhg'WJbbch'UHYbXž']b'k \]Wk WJgY'h\Ymk ci `X'dfYgYbhcb`]bYŁ'

7 ci fgY GWX YXi `Y

J 1Yk "WUqq"Ha YHJV"Y

H]a YHJV`Y

8UhY	Hmd Y	7 cbhYbh
K YY_'%'%) ': YVfi Ufm!'%- : YVfi Ufm	Cb`]bY'5WMjj]hm	Cb`]bY`ghi XmffYgh]a UhY`&'\ci fgE'VUgYX'cb'a ccX`Y

N AN - 3 - 10V) - V - 114VA - 11-0V	GYa]bUf	UbX gcW]U`X]a Ybg]cbg cZWcbgYfj Uh]cb/Udd`m]b[h\Y'dfcV`Ya 'cf]YbhUh]cb'ZfUa Yk cf_ ; i Ygh`YWh fYf. DYhYf'7cW\fUbY'f#7B'7ci bW]`cfz 9!!\YUX'DUf_g'5i ghfU`]Už7\U]f'cZ6`i Y'A ci bhU]bg K cf'X' <yf]hu[y'+bgh]hi 'cb!wua="" :="" di="" f]xum%h\&!*da="" g<="" hyb="" th=""></yf]hu[y'+bgh]hi>
K YY_').'%) 'A UfWX'!'%-A UfWX	Grajoui	H\Y`gYa]bUf`]bWi XYg`U`WcaV]bUh]cb`cZ`YWi fYg`UbX [fcid`k cf_" Hcd]Wg`]bWi XY.`UXUdh]j Y`a UbU[Ya YbhcZdfchYWhYX UfYUgž'k]h\`ZcW g`cb`h\Y`; fYUhYf`6`i Y`A ci bhU]bg K cf`X` <yf]hu[y`5fyu "ui="" "vyyg"i="" "yxi="" #ci="" ;="" _]b[gzcfx<="" a="" bgk="" bxyfghubx]b[`j="" f!dycd`y#]w\ufx!="" fyf.`dfczyggcf`f]w\ufx`?]b[gzcfx`\hdg.##="" hh\y`z]y`x`hf]d`g]hy"="" i="" k="" th="" u`i="" ubu[ya="" ugg]a]`uh]b[`_bck`yx[y'="" uvci="" ybhwcbz]wyg="" yg'="" ygh`ywi=""></yf]hu[y`5fyu>
K YY_'*.'&&'A UfWX'!'&* A UfWX	:]Y`Xk cf_	6 i Y A ci bhu]bg z]Y X hf]d. '' z] ```XUmg zfca, Ua :: f]XUm&*h` A UfW. hc **da 'Gi bXUm&-h\ BYY'i ddYf'6 i Y A ci bhu]bg k]```Zcfa 'h\Y%& W g cZh\Y H\Y'i ddYf'6 i Y A ci bhu]bg k]```Zcfa 'h\Y ZcW g cZh\Y

FYgci fW/g

Gi Va]gg]cb cZ5ggYgga YbhHUg_g Hi fb]h]b Gi Va]gg]cb

-Zmci 'YbWci bhYf'U'dfcV`Ya 'k \Yb'UhhYa dh]b['hc'gi Va]hmci f'Ugg][ba Ybhh\fci [\'Hi fb]h]bž'd`YUgY hY`Yd\cbY'9I hYfbU``Gi ddcfhcb'-',)'''' %cf'Ya U]`'h\Ya 'cb'YI hYfbU`hY`hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh

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

D`U[]Uf]ga i]gii g]b[ih\Yik cfXgicfi]XYUgicZch\YfgiUbXidfYgYbh]b[ih\Ya iUgimci fick b"i=iWUbihU_Yia Ubm Zcfa gžZfca iXYi]VYfUhYiWXYUh]b[ihciUWW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hiUW_bck iYX[Ya Ybh'i

- i bXYfgfUbX mci f'f][\hg'UbX'fYgdcbg]V]`]hJYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd`U[]Uf]ga ž'Wcdmf][\hz'l BGK 'Gh XYbh7cXY'cZ7cbXi WhUbX'5VWWdhUV'Y'l gY'cZ I BGK '= H'F Ygci fWYg'Dc`]Wh
- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg 'cZVY\Uj]ci f'Yl dYWYX 'cZYj YfmcbY ']b 'h\Y 'l BGK 'Wca a i b]hm
- `cWUHY 'gYfj]WYg'UbX ']bZcfa UH]cb'UVci hI BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``h\YfY`UhYX'UgdYWng'cZ9@+69'k]``\Y`d'mci 'a U_Y'h\Y'a cghicZmci f'ghi X]Yg'UhI BGK "'\\hd.##qi VYWfi |XYg"`]VfUfm'i bqk "YXi "Ui #\`]qY#JVci hY`]qY