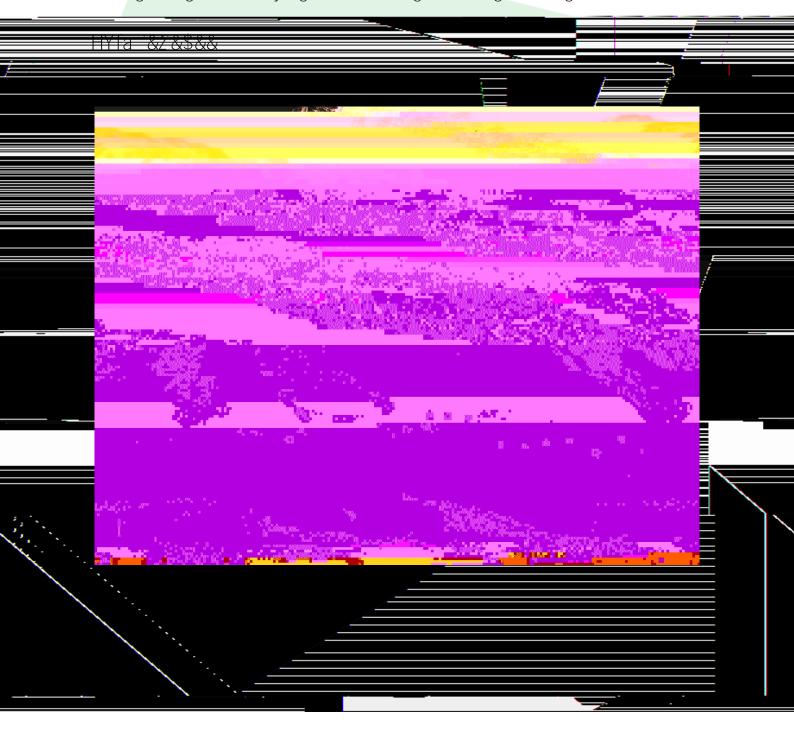


EDST5129

HfUbg]hcbg^]b^h\Y^@]j Yg^cZGh XYbhg^k]h\^8]gUV]`]h]Yg



7ci fgY^{*}Cj Yfj]Yk

GHJZ7cbHJWh8YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
8f'Fcg\]b] 7\UbXfcc	n' &*, -, ' 4 UX"i bgk "YXi "Ui			

GWXcc``7cbHJWh'±bZcfa Uh]cb

GWcc~cZ9Xi Whcb

5 fhgž8 Yg][b UbX 5 fVX]hYWhi fY

; fci bX': `ccfž'A cfj Yb '6fck b '6i]`X]b['fl &\$Ł

H. $^{'}$ Ž * % $^{'}$ f&Ł $^{'}$ - $^{'}$,) $^{''}$ % ++

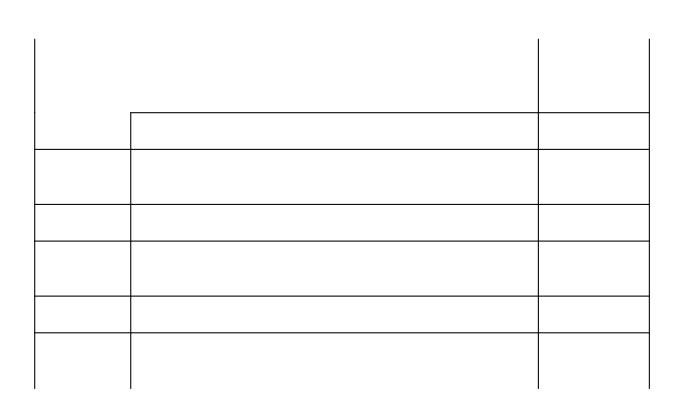
9. YXi WUhcb4 i bgk "YXi "Ui

K. `\hdg.#kkk"Ufhg"i bgk"YXi "Ui #YXi WUhjcb

5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5frgž8Yg][b'UbX'5fW,]h'Wi fY'? Ybg]b[hcb'UbX'DUXX]b[hcb'Wa di gYg'UfY'Vi]'hcb'5Vcf][]bU`@UbXg"'K Y'dUmci f'fYgdYWrg'hc'h\Y'6]X'][U''UbX'; UX][U''dYcd'Yg'k\c'UfY'h\Y'7i ghcX]Ubg'cZh\YgY'`UbXg" K Y'UW_bck 'YX[Y'h\Y'5Vcf][]bU`'UbX'HcffYg'GHfU]h=g`UbXYf'dYcd'Ygž'h\Y':]fgh5i ghfU`]Ubgžk\cgY'`UbXgžk]bXg'UbX'k UhYfg'k Y'U``'bck 'g\UfYž'UbX'dUmfYgdYWhc'h\Y]f'i b]ei Y'j U'i Ygž'UbX'h\Y]f'Wcbh]bi]b['UbX'YbXi f]b['W'h fYg'k\]W\XYYdYb'UbX'Ybf]W\h\Y'`]ZY'cZci f'bUh]cb'UbX'Wca a i b]h]Yg"''

 $\label{eq:continuous} $$ = U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] BGK $$ fig'+bX][Ybcig'ghfUhY[m] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ $$ $$ U[Y'Wc'i fhYgmcZhXY'CZhXY'Dfc'J]WY!7\UbWY``cf'+bX][Ybcig'] $$ U[Y'UhY'] $$ U[Y$

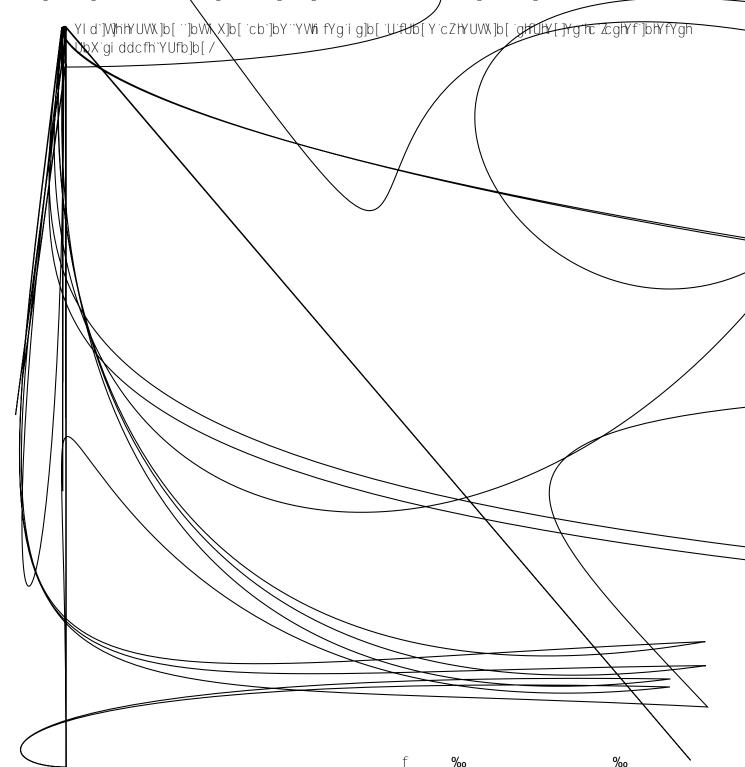


	UddfcUWXYg'hc'Yb[U[Y'UbX'gi ddcfhU``'gh XYbhg"	
	8Yj Y`cd`UbX`Udd`mU`Wca dfY\Ybg]j Y`fUb[Y`cZUggYgga Ybh	&
	ghfUhY[]Yg`hc`X]U[bcgY``YUfb]b[bYYXgžWcad`mk]h\	
	W ff]W i a 'fYei]fYa Ybhg'UbX'gi ddcfh'Wc``YU[i Yg'hc'Yj Ui UhY	
	h\Y'YZZYWnjjYbYgg'cZh\Y]f'UddfcUW\Yg'hc'UggYggaYbh'	

HYUW]b[GHUHY[]Yg

i cW

F YgYUfW. 'gi [\Yglg' i\ Uhigh XYbhg' k]h\ 'X]gUV] h|Yg'\Uj Y'X]Z]W 'hmk]h\ 'lfUbg]h|cb]b['i\ fci [\'X]ZYfYbh`]ZY d\UgYgžgi W. 'Ug`Zca 'df]a UfmgW.cc`'hc`\][\'gW.sc`žUbX'Zca '\][\'gW.sc`'hc`hYfh]UfmYXi WUh]cb'cf j cWUh]cbU`'gYhh]b[g"'Hc'dfYdUfY'gh XYbhg'hc'a U_Y'h\YgY'hfUbg]h]cbg'gi WWggZ ``mž'hYUW.Yfg'WUb']bWcfdcfUhY hfUbg]h]cb'g_]``g']bhc'h\Y]f'W ff]W 'U"'H\]g'Wci fgY'U]a g'hc'dfc]\XY'bch'\ ghUb'cj Yfj]Yk 'cZX]Z]W 'hlfUbg]h]cbg ZUWX'Vmgh XYbhg'k]h\X]gUV]`]hYgžVi h'U`gc'ghfUhY[]Yg'h\UhihYU\XYfg'WUb'Ya d`cmhc']bWfYUgY'h\Y'gi WWgg cZgh XYbhg'Xi f]b['Wf]h]Wb``]ZY'gdUb'hfUbg]h]cbg"'H\Y'Zc``ck]b['hYU\X]b['ghfUhY[]Yg'k]``VY'Ya d`cm\X.'



5ggYgga Ybh

5ggYgga YbhhUg_	K Y][\h	8iY'8UhY	7 ci fgY`@YUfb]b[Ci hWca Yg`5ggYggYX
%" ⁻ 9ggUm	()	&- #\$+#&\$&&`\$) .\$\$`DA	%ž'&ž'' ž'(
&"'-\DX]j]Xi U`'HfUbg]hjcb'D'Ub))।	%&#\$, #&\$&&`\$).\$\$`DA</td><td>%ž'&ž'' ž'(</td></tr></tbody></table>	

5ggYgga Ybh% 9ggUm

8i Y'XUhY.'&-#\$+#&\$&&'\$).\$\$'DA

HUg_%! 9ggUm! %) \$\$ k cfXg

Gh XYbhg k]``fYWY]j Y k f]hh b ZYYXVUW_k]h]b % k cf_]b[XUmg cZgi Va]gg]cb

5XX]h]cbU`XYhJ]`q

Mci 'k]```k f]hY`Ub`YggUmUVci hYj]XYbVW!VUgYX`HfUbg]h]cb`dfUWh]WYg`Zcf`U`ghi XYbhk]h\`U`X]gUV]`]hm i bXYf[c]b['HfUbg]h]cb`Zca 'cbY`gW\cc``ghU[Y`hc`Ubch\Yf"'H\]g`YggUmg\ci `X`VY`Xci V`Y!gdUWX`UbX`k f]hhYb]b`5D5`ghmY"'H\Y`dfUWf]WYg`]b`mci f`YggUma i ghVY`gi ddcfhYX`Vm`]b_g`hc`fYgYUfW\``]hYfUhi fY`di V`]g\YX`]b`U j Uf]YhmcZei U`]hm^ci fbU`gž]b`h\Y``Ugh%\$`mYUfg"'Mci 'a i gh'U`gc`i gY`fY`Yj UbhdfYgWf]VYX`UbX#cf`UXX]h]cbU` Wci fgY`fYUX]b[g`hc`gi ddcfhmci f`fYgdcbgY"

D`YUgY`gYY`A ccX`Y`!`5ggYgga YbhHUg_`5fYU`Zcf`a cfY`]bZcfa Uf]cb"

5ggYgga Ybh& \dispX]j]Xi U`HfUbg]hjcb D`Ub

8i Y XUhY. 1984, #&\$&& 1\$) .\$\$ DA

HUg_'&'!' + bX]j]Xi U`'HfUbg]hjcb'D`Ub'!'' \$\$\$'k cfXg

Gh XYbhg k]``fYWY]j Y k f]hhYb ZYYXVUW_k]h\]b '% k cf_]b['XUmg cZgi Va]gg]cb

H\]g`]g`h\Y`Z]bU``UggYgga Ybh'

5XX]h]cbU`XYhJ]`g

Mci 'k]```XYj Y`cd'Už`\mdch\YhJWU`cf'fYU`ž'ghi XYbhZcW gYX`]bX]j]Xi U``hfUbg]hJcb'd`Ub'Zcf'U'ghi XYbhk]h\`U X]gUV]`]hmhc'gi ddcfhih\Y]f'dcghgW\cc``Ugd]fUhJcbg"'Mci f'd`Ub'k]```]bWi XY'dcghgW\cc``Ya d`cma Ybhž YXi WUhJcbžUbX`]bXYdYbXYbh`]j]b['[cU`g"'#k]```]bX]WUhY'k \]W\gYfj]WWg'UbX'gi ddcfhg'k]```VY'fYei]fYX'hc Ugg]ghh\Y'ghi XYbhhc'fYUW\h\Y]f'dcghgW\cc```]ZY'[cU`g"'Mci 'k]``'U'gc'g\ck 'h\Y'WcbYWJcb'cZh\Y'gi VYWgh\Yghi XYbhk]```Ghi XmZcf'GhU[Y'*"'Mci 'k]``'U'gc']bWi XY'hf]Ub[i `UhYX'=9D'hfUbg]hJcb'[cU`g"

D`YUgY`gYY`A ccX`Y`!`5ggYgga YbhHUg_`5fYU`Zcf`a cfY`]bZcfa Uf]cb"

FI 6F = 7 # 998657? G < 99H

98GH) %- "HF5BG++€BG"+B"H<9"@- +9 G"C: "GHI89BHG"K++<

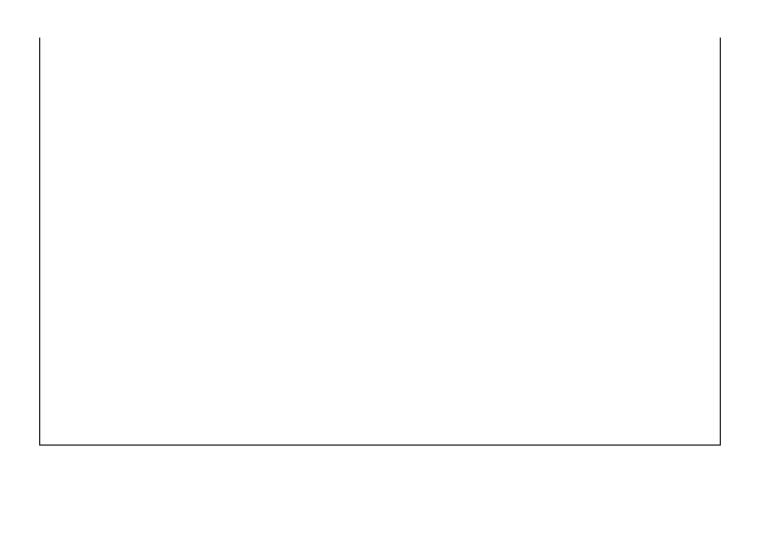
8 - 656 - H-9G

I BGK G7<CC@C: 98I 75H€B

5ggYgga Ybh'HUg_'% '9ggUm

GdYWJZJW7f]hYf]U	¨flŁ—		 2fŽŁ

GdYWJZJW7 f]hYf]U	¨flŁ—	 	 2fŽŁ
DfYgYbhUhjcbʻcZʻfYgdcbgYʻUWWcfX]b[ˈhcˈUddfcdf]UhYʻUWUXYa]WUbX `]b[i]ghjWwcbjYbhjcbg			



5 http://bxubww.F.Yei]fYa Ybhg

GWXcc`cZ'9Xi WUhcb'5HYbXUbWYFYei]fYa Ybh

H\Y`GW\cc``cZ9Xi WUhjcb`fG98\EfYei]fYg`ghi XYbhg`a YYhU`a]b]a i a `UhhYbXUbW\`fYei]fYa YbhcZ, \$i `cZU`` gW\YXi `YX`WUggYg`f]"%"`YWhi fYgžhi hcf]U`gžk cf_g\cdgžgYa]bUfg\EZcf`U```Wti fgYg''`5hhYbXUbW\`]b`dYfgcb`]g fYei]fYX`Zcf`hi hcf]U`gžgYa]bUfgžUbX`k cf_g\cdg`k \Yb`Wti fgY`UfY`XY`]j YfYX`]b`ZUW\!hc!ZU\\`a cXY"`\#i]g`h\Y fYgdcbg]V]`]micZghi XYbhg`hc`Ybgi fY`h\Uhih\Y]f`UhhYbXUb\\']g`fY\\tank\YX`Zcf`h\Y`ZU\\'h\Y]h\Yf`Vm

K YY_'+.'%%'>i `m'!'%) >i `m	GYa]bUf	HfUbg]h]cb'Zfca 'df]a Ufmhc'gYWcbXUfmgWkcc` HfUbg]h]cb'Zfca 'gYWcbXUfmgWkcc`'hc'dcgH gWkcc`'']ZY'f#]g'DYUVcXm' <u>cb`]bY'a cXi 'Y</u> Ł'! UgmbWkfcbci g
K YY_', .'% '>i `m!'&& >i `m	GYa]bUf	8Yj Y`cd]b['UbX'HYUW\]b['h\Y'HfUbg]h]cb'=9D
K YY_''&) '>i `m!'&- >i `m	GYa]bUf	HfUbg]h]cbg hc#fca 'gdYW]U` gW.cc`# b]h gYh]b[g'VUW_hc'a U]bghfYUa 'f[i YghgdYU_YfŁ HfUbg]h]cbg hc#fca '1 j Yb]`Y'1 gh]WY'gYh]b[g f#]g'DYUVcXmcb`]bY'a cXi 'YŁ'! UgmbW.fcbci g
	5ggYgga Ybh	9ggUm
K YY_'%\$.'%'5i [i gh!') 5i [i gh	GYa]bUf	7 ci fgY'k fUd!i d E/ '5'Zcf'Z]bU`'UggYgga Ybh'HJg_

FYgci fW/g

DfYgWf]VYX F Ygci fWYg

DfYgWf]VYX HYI h

GlfbUXcj ½ = / 7i a a]b[žH"A "f&\$%* Ł" > ZWdaR_ ecR_dZZ _d R_U UZdRSZZej, 3 Y`]ZdeZ a Vcda VTeZgV"
 @cbXcb. F ci hYX[Y"5j U]`UV`Y`]b h\Y`I BGK "Vcc_g\cd"

DfYgWf]VYX F YUX]b[g.

GYY'AccX`Y'Zcf'UXX]h]cbU`'dfYgWf]VYX'fYUX]b[g"

FYWca a YbXYX HYI hg.

- 6cghcW_ž'>"ž/ 'K ccXž'>"'f&\$%) Ł"' faa` ceZ_X def UV_eecR_dZZ _d #&Ž#+ž3aac` RTYVd è eVRTYZ_X R_U]VRc_Z_X"'@cbXcb. F ci hYX[Y"
- 7 `Uf_ž<"`6"ž/ `I bfi \ž'8"`?"`f&\$\$-Ł"`HfUbg]hjcb`cZmci h\`UbX`mci b[`UXi `hg`k]h\`Ya chjcbU``cf VY\Uj]ci fU``X]ZZW\`hjYg"`5b`Yj]XYbWY!gi ddcfhYX`\UbXVcc_"`6U`hja cfYž'A 5.`DUi ``6fcc_Yg"

•

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

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

☐ Inc i YbWci bhYf U'dfc V`Ya ik \Yb 'UrhYa dh]b['hc 'gi Va]hmci f 'Ugg][ba Ybhth\fci [\ 'Hi fb]h]bž'd`YUgY

HY 'Yd\cbY'9I hYfbU``Gi ddcfhcb'-',) '' ' ' %cf 'Ya U] 'th\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"' ☐ mci
UfY'i bUV'Y'hc 'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZUi 'hk]h. 'Hi fb]h]b'mci 'a Um'Udd'mZcf'Ub'YI hYbg]cbž'Vi hmci

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

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"`=hWJb`hJ_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b['hc`UVW]XYbhJ``mWcdm]b['Zfca `U`gci fWY`k]h\ci hUW_bck `YX[Ya Ybh'

IBGK [fcidgdu[]Uf]ga]bhch\YZc``ck]b[WUhY[cf]Yg.

 $\begin{tabular}{ll} \hline \textbf{7.cdm}b[...] g]b[...] MY cf'j Yfmg]a] ``Uf'k cfXg'hc'h\Y'cf][] bU``HYI hcf']XYU'k]h\ci h`U\W_bck ``YX[]b[...] b[...] MY cf'i g]b[...] bU``HYI hcf']XYU'k]h\ci h`U\W_bck ``YX[]b[...] b[...] MY cf'i g]b[...] a UhYf]U`gž']XYUg'cf'WcbW'dhg'\faca '`U'Vcc_\text{z}'Ufh]WY\text{z} bU'Vcd_\text{z}'Ufh]WY\text{z} bU'Vcd_\text{z}'Ufh]WY\text$

5 WUXYa]W + DZcfa Uh]cb

8 i Y 'hc 'Yj c'j]b['UXj]\W 'VmBGK '< YU't\ ž'ghi XYbhg'a i gh'\W.Y\<u>V</u>'Zcf'i dXUh\YX']bZcfa Uh]cb 'fY[UfX]b['cb`]bY 'YUfb]b['Zcf'U``'5fhgž'8Yg][b 'UbX'5f\W.]h\Y\ni fY '\wci fgYg't\]g't\Yfa 'f]]U'A ccX`Y'cf'\wci fgY']bZcfa Uh]cb dfcj]\XYX"Ł

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

- fYei YghgʻZcfʻYl hYbg]cb/
- `UhY gi Va]gg]cbg [i]XY`]bYg/
- fYj]Yk cZa Uf_g/
- I BGK '< YU`h\ 'UbX'GUZYhm'dc`]W]Yg/
- YI Ua]bUh]cb dfcWYXi fYg/

•