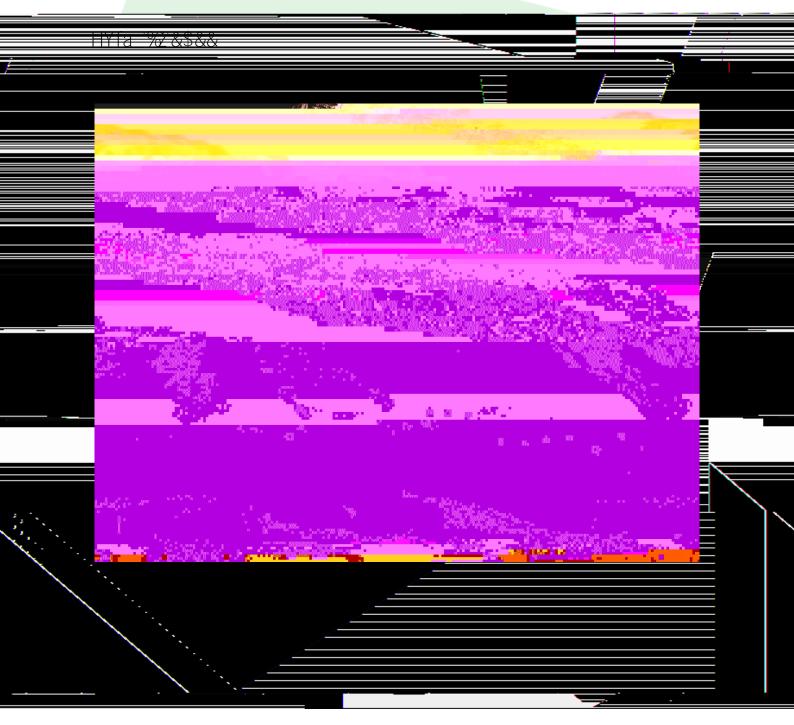


EDST5320

±bX]j]Xi U`8]ZZYfYbWfg'UbX'9Xi WUhjcb



5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5frgž8Yg][b'UbX'5fW,]hYWi fY'? Ybg]b[hcb'UbX'DUXX]b[hcb'Wa di gYg'UfY'Vi]'hcb'5Vcf][]bU`@UbXg"'K Y'dUmci f'fYgdYWg'hc'h,Y'6]X'][U''UbX'; UX][U''dYcd'Yg'k \c'UfY'h,Y'7 i 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':]fghi5i ghfU`]Ubgžk \cgY'`UbXgž k]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'Wbh]bi]b['UbX YbXi f]b['W' h fYg'k \]W. XYYYdYb'UbX'Ybf]W. h,Y'`]ZY'cZci f'bUh]cb'UbX'Wca a i b]h]Yg"''

 $\label{eq:continuous} \text{$\overset{\cdot\cdot}{=}$ U[Y'WciftY'gmcZhY'CZhY'Dfc'J]WY!7\twww.$``cf'$$ bX][Ybcig']$ $$BGK_{$^{\circ}}$$ bX][Ybcig'ghfUhY[m]$$ $$$

. " "&	GY`YWhUbX'i gY'fY`Yj UbhihYUW\]b['ghfUhY[]Yg'hc'XYj Y`cd'_bck `YX[Yž'g_]``gž dfcV`Ya !gc`j]b[ž'UbX'Wf]h]WU`'UbX'WfYUh]j Y'h\]b_]b["	&
' "("&	GY`YWhUbX#cf`WfYUhY`UbX`i gY`U`fUb[Y`cZfYgci fWrgž`]bWi X]b[`=7 Hžhc Yb[U[Y`ghi XYbhg`]b`h\Y]f``YUfb]b["	&
' "+"&	D`Ub`Zcf`Uddfcdf]UHY`UbX`WcbHYI hi U``mfY`Yj Ubhcddcfhi b]hjYg`Zcf dUfYbhg#WJfYfg`hc`VY`]bj c`j YX`]b`h\Y]f`W\]`XfYb'g``YUfb]b["	&
("%	⇒XYbhJZmgrfUhY[]Ygʻhcʻgi ddcfh]bWi g]j Yʻgh XYbhdUfhJWJdUhJcbʻUbX Yb[U[Ya Ybh]bʻWUggfcca ʻUWhJj]hJYg"	&
*"%	8 Ya cbglfUlY 'Ub'i bXYfglUbX]b['cZh\Y'fc`Y'cZh\Y'5i glfU`]Ub'DfcZYgg]cbU`GlUbXUfXg'Zcf'HYUW\Yfg']b']XYbhJZn]b['dfcZYgg]cbU```YUfb]b['bYYXg"	&

HYUW]b[GhfUhY[]Yg

HYUWX]b['ghfUhY[]Yg. 'H\]g'Wci fgY'k]``]bWi XY'YI d`]Wh]bghfi Whcb'UbX'U'fUb[Y'cZ]bhYfUWhji Y'UWhji]h]Ygž ga U``[fci d'X]gW gg]cbgž'UbX'UggYgga Ybhg'XYg][bYX'hc'\Y`d'mci 'WUf]Zmž'Udd`mž'UbX'YI d`cfY'_Ymh\Ya Yg YI dYf]YbW'X`]b'mci f'W ffYbhcf'dfcgdYWhji Y'hYUWX]b['dfUWhW'"

- < ck 'Xc'h\Y'Zci f'fYUX]b[g'fh\Y'Z]fghcbY'mci 'gY`YWYXž'd`i g'' Ł']bZcfa 'mci f'i bXYfghUbX]b['cZ'mci f YI dYf]YbWY'fh\Uhimci 'XYgWf]VYX']b'DUfh'%L3
- Hcik \Uhiyi hiybhix]xih\Uhimci fidyfwlidh]cbgicZh\yiyi dyf]ybwliw\Ub[yiUzhyfih\yifyUx]b[g3

Y'k]h\'mcif'dYYfg.

- Doghu Vf]YZgi a a UfmicZgca Yh\]b['bYk 'mci '`YUfbYX'Zfca 'h\Y'UXX]h]cbU``fYUX]b[g'fgYY'A ccX`Y'Zcf
]bghfi Wf]cbgŁ
- FYUX'UbX'Wca a YbhVf]YZmcb'U'gi a a UfmdcghYX'VmcbY'cZmci f'dYYfg
- 7 aeZ _R]. FYUX UbX Wca a YbhVf]YZmcb ch\Yf gi a a Uf]Yg dcghYX Vmmci f dYYfg°

. A cj]b[: cfk UfXg

XYf'h\Y'Zc``ck]b['ei Ygh]cbg'UbX'kf]hY'Uh'`YUgh'hkc'UbgkYfg'Zcf'YUW\.

- Mci 'k]``WkccgY'cbY'cZh\Y'VfcUX'UfYUg'cZ]bX]j]Xi U``X]ZYfYbW'g'h\Uhimci 'k Ubhhc ``YUfb'a cfY UVci hffY"["z']bhY``][YbW'z'dYfgcbU`]mz'gY`ZVY`]YZgz']bhYfYghg'UbX'j U`i YgŁ" #iWci `X'VY'h\Y'gUa Y'hcd]W mci 'fYZYWhYX'cb'Zcf'5ggYgga Ybh%cf'U'bYk 'hcd]W
- Hcd]Wgi [[Ygh]cbgžh]dgʻZcfʻk f]h]b[ˈUˈWf]h]WU```]hYfUhi fYʻfYj]Yk ž'UbX'UʻhYa d`UhY`k]``VY`a UXY Uj U]`UV`Y`hc`mci ih\fci [\`ci f`Wci fgY`A ccX`Y`dU[Y"

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

98GH)'&\$'-B8=J-\$I 5@'8=: 9F 9B 7 9G 5B8 98I 75H€B

I BGK 'G7<CC@'C: '98I 75H€B

GdYWJZJW7f]HYf]U	∵flŁ—		
I bXYfghUbX]b['cZ'h\Y'ei Ygh]cb'cf']ggi Y'UbX'h\Y'_YmWcbWfdhg]bj c`j YX • F YZYW]cb'cb'U'df]cf'Yl dYf]YbWY'fY`UhYX'hc'cbY'cZh\Y'Z]j Y'hcd]W UfYUg'fDUfh%Ł • 7 'YUf'`]b_g'hc'mci f'df]cf'Yl dYf]YbWY'h\fci [\ci h'h\Y'UggYgga Ybh hUg_'fDUfh&ž' Ł			
8 Ydh\cZ'UbU`mg]g`UbX`Wf]h]ei Y`]b`fYgdcbgY`hc`h\Y`HUg_ Gcd\]gh]WJhYX`UbX`]b!XYdh\`fYZYWf]cb`cb`mci f`df]cf`Yl dYf]YbW\ fDUfh'%z`&Ł * XYbh]Z]WJh]cb`cZW\Ub[Yg`]b`_bck`YX[Y`cZmci f`df]cf`Yl dYf]YbW\			

GdYWJZJW7 f]hYf]U	"flŁ——	2f <u>Ž</u> Ł
7`Uf]miUbX`Wc\YfYbWY`cZcf[Ub]gUh]cbž`]bWi X]b[`i gY`cZdfcj]XYX cf`Uddfcdf]UhY`\YUX]b[g`Zcf`h\Y`h\fYY`X]ZZYfYbhdUfhg`cZh\Y UggYgga Ybh		
DfYgYbhUhjcbicZfYgdcbgYiUWWcfX]b[ihciUddfcdf]UhYiUWUXYa]WUbXi]b[i]ghjWWcbjYbhjcbg • 7 `UfjmžiWcbg]ghYbWhžiUbXiUddfcdf]UhYbYggicZk fjhjb[i]bWi X]b[dibWi UhjcbžigdYii]b[ži[fUa a UfžiUbXigYbhYbWi#dUfU[fUd\ghfi Wi fY • 7 cffYWifYZYfYbWjb[iUWWcfX]b[ihci5D5iZcfi]b!hYl hiUbXiZjbUifYZYfYbWii]gh		

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

98GH)'&\$'-B8=J-815@'8=:9F9B79G'5B8'98175H€B

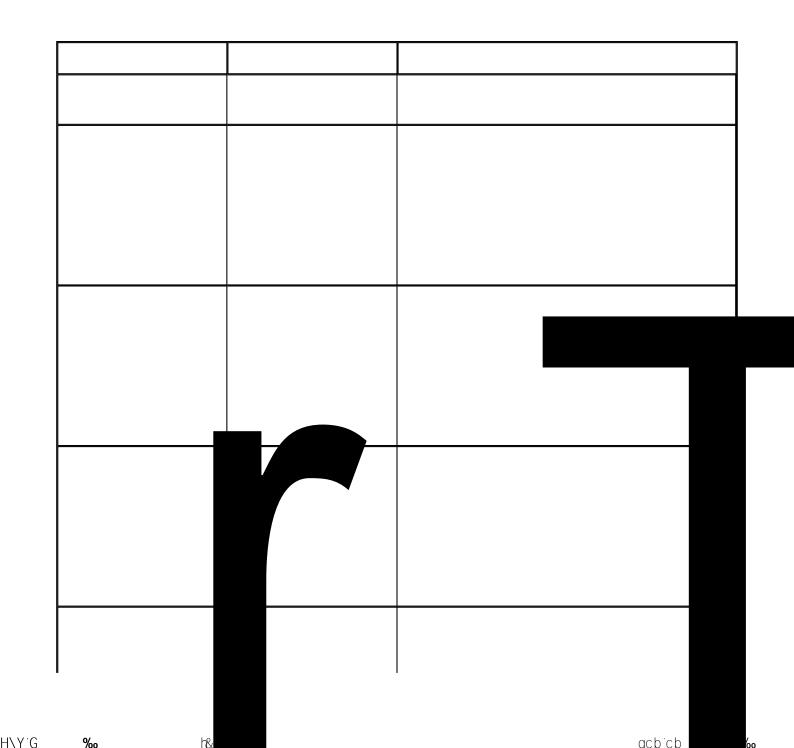
I BGK G7<CC@C: 981 75H€B

GdYW]Z]W7f]hYf]U	 flŁ——		2fŽŁ
mY Ufg			
<u> </u>			

5 h Y b X U b W F Y e i] f Y a Y b h g

GWXcc``cZ'9Xi WUh]cb'5hhYbXUbWY'FYei]fYa Ybh

'dYfgcb'cb



K YY_'%\$.'% '5df]`'!'&& 5df]`	A cXi Y	A cXi `Y`)
		5W_bck`YX[]b[`gcW]U``UbX`W\`hifU``WcbhYlhg

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.

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

5 WUXYa]W + DZcfa Uh]cb

8 i Y 'hc 'Yj c'j]b['UXj]WY 'VmBGK '< YU'h\ \check{z} ghi XYbhg'a i gh\W\Y\W_'\Zcf'i d\X\Uh\Y\X']b\Zcfa \Uh\cb'fY[\Uf\X]b['cb\]bY 'Y\Ufb]b['Zcf'\U`'\5fhg\{z}8\Yg][\b'\Ub\X'\5f\W\]h\Y\Wi\fY'\Wci\fg\Yg'\h\]g'\h\fa\'fJ\]U'\A\cc\X'\Y'\cf'\Wci\fg\Y']b\Zcfa \Uh\cb\dfcj]\XY\X''\L

: 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/

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