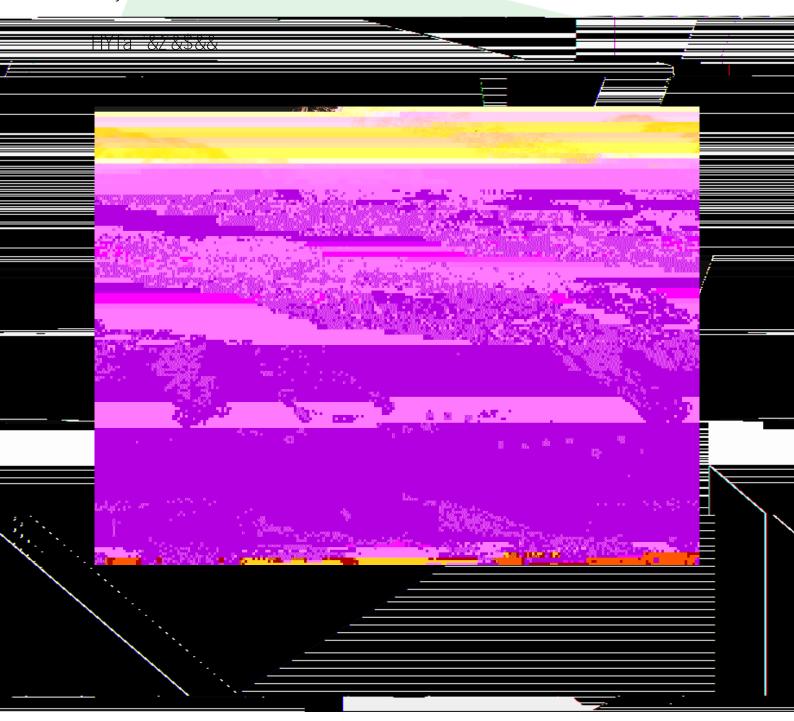


# **EDST5440**

5XjUbWX:H9GC@AYh\cXc`c[m



## 7ci fgY<sup>\*</sup>Cj Yfj ]Yk

### GHJZ7cbHJWh8YHJ]`g

### 7cbj Ybcfg

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GWkcc``cZ9Xi WUH]cb 5fhgž8Yg][b'UbX'5fWk]hYWhifY

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H. 'Ž\*%'f&Ł'-',) '%++

9. YXi WUNcb4 i bgk "YXi "Ui

K . `\hdg.#k k k "Ufhg"i bgk "YXi "Ui #YXi WUh]cb

5W\_bck `YX[ Ya YbhcZ7ci bhfm

## 7ci fgY<sup>-</sup>8YHJ]<sup>\*</sup>g

I b]hg cZ7fYX]h\*\*

K cf\_`cUX

%) \$`\ci fg`]bWi X]b[`WUgg`WcbHUWfi\ci fgž`fYUX]b[gž`WUgg`dfYdUfUh]cbž`UggYgga Ybhž`Zc``ck`i d`UWhjj]hjYgž YHW

### Gi a a UfmcZh\Y 7ci fgY

 $\pm 0.1\text{h} \cdot ]g' Wc' i fgY' mc' i' [U]b'bYk' cf'' i dXUllYX'g_]``g']b'lh Y'gdYW]U`]gh'H9GC@'Z]Y`X''' Mc' i'Yb[U[Y'k]lh 'UXj UbW'X' i'Yb[U[Y'k]h' 'UXj UbW'X' i'Yb[Y'k]h' 'Yb[Y'k]h' 'UXj UbW'X' i'Yb[Y'k]h' 'Yb[Y'k]h' 'Yb[Y'k]h'$ 

H\YgY`UWfj ]hJYg`k ]```c\W\f`]b`U`WUggfcca 'W]a UhY`h\Uh]g`gi ddcfhjj Y`UbX`]bWi g]j Y`cZU```YUfbYfg"

#### FUh]cbU`Y.

5g``Ub[i U[Y`]g`WcbghUbhmYj c`j ]b[ždfUWjg]b['H9GC@HYUWXYfg`UbX`chXYf`dfcZ/gg]cbU`g`WcgY`m]bj c`j YX]b`hXY`ZJY`X`bYYX`rc`WcbghUbhmfYZYWhi dcb`UbX`fY!Yj U`i UHY`rhXY]f`i bXYfghUbX]b[g`cZ`Ub[i U[Y`UbX`\ckVYghhc`HYUWX`]h'`H\Y`Wci fgY`rh\i g`U]a g`rc`Wf]h]WU``mUbU`mgYžfYj ]gY`UbX`YI hYbX`ghi XYbhg'`i bXYfghUbX]b[UbX`dfUWJWY`cZhXY`WcfY`UddfcUWXYg`UbX`hYWXb]ei Yg`cZH9GC@a Yh\cXc`c[m'`

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%" <sup>.</sup> 8 Yg][ b <sup>.</sup> cZU <sup>.</sup> `YUfb]b[ <sup>.</sup> HJg_	(\$1	&*#\$*#&\$&&`\$).\$\$`DA	%ž <sup>:</sup> (
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8i Y'XUhY.'&\*#\$\*#&\$&&'\$).\$\$'DA

 $8 \ Yg][b'U''YUfb]b['HUg_'HUf[YHX'hc'U'gdYW]//W[fcid'cZ9G@'YUfbYfg'UbX'dfcj]XY'U'fUH]cbU'Y'/Cf'\ck']hkci'X'Ugg]ghH\cgY''YUfbYfg'hc'UWei]fY'h\Y'HUf[Yh'Ub[iU[Y''']$ 

H\]g`Ugg][ ba Ybh]g`gi Va ]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`Wb`gYY`Hi fb]h]b`g]a ]`Uf]hmifYdcfhg"

#### 5XX]h]cbU`XYhJ]`g

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@Yb[h\.BcacfYh\Ub&\$\$\$kcfXg

= XYbh] ImU gdYW] ImU gdYWY gdYW] ImU gdYWY gdYW] ImU gdYWY gdY

- I bXYfghUbX UbX hU`\_ UVci hh\Y hYI hz UbX
- 91 h/bX'h\Y]f'i bXYfghUbX]b[ 'UbX'i gY'cZ'9b[ `]g\ ']b'Wca a i b]WUh]j Yž'Ui h\Ybh]Wk Umg"

9| d`U]b`\ck`mcif`UWfj] ]hmik ci`X`UWfj Y`mYb[U[Y`mcif`WkcgYb``YUfbYf`[fcid`]b``YUfb]b[`UbX`ig]b[9b[`]g\"`

D`YUqY`bchY`h\UhitUq\_q`\YfY`UfY`Wca dcbYbhq`cZmci f`dYXU[c[]\WD``U\Whj]]hm'

#### 5ggYgga Ybh& @Yggcb d`Ub X]gW gg]cb

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

DfYdUfY`U`XYfU]`YX``Yggcb`d`Ub`UbX`U`Wca dfY\Ybg]j Y`UggYgga YbhcZh\Y`UddfcUW\`]b`fY`Uf]cb`fc`\_Ym h\YcfYf]WU``UbX`dfUWf]WU``]ggi Yg`UbX`]fg`U`][ ba Ybhk jh\`j Uf]ci g`H9GC@a Yh\cXc`c[]WU`UddfcUW\Yg"

H\]g`Ugg][ ba Ybh]g`gi Va ]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`Wb`gYY`Hi fb]h]b`g]a ]`Uf]hmifYdcfhg"

#### 5XX]h]cbU`XYhJ]`g

@Yb[h\.BcacfYh\Ub"\$\$\$"kcfXg"fY|W|X]b["fYZYfYbWYgŁ

• DfYdUfY'U'XYHJ]'YX''Yggcb'd'Ub'i g]b['U'g\cfh`]ghYb]b[žfYUX]b['cf'j]Yk]b['hYl hiUg'U'gdf]b[VcUfX Zcf'h\Y'hYUW\]b['cZU''Ub[i U[Y'dc]bhf]cWUVi `UfmUbX'[fUa a Uf'cf'j cWUVi `UfmUbX'U'Z bWncbU`

#### UfYUŁ

Dfcj ]XY 'Ub ']b! XYdh\ 'fUhcbU'Y 'UbX'UggYgga YbhcZmci f'`Yggcb'd`Ub'k ]h\ 'fYZYfYbW'hc'h\Ycf]Yg
i bXYfm]b[ 'h\Y'hYUW\]b[ 'cZ9b[ `]g\ 'Ug'U'gYWcbX``Ub[ i U[ Yž'a U\_]b[ 'Z ```i gY'cZh\Y'fY`Yj Ubh
 `]hYfUhi fY"'Mci f'Yj U`i Uh]cb'g\ci `X']bWi XY'U'X]gWi gg]cb'cZh\Y'ghfYb[ h\g'UbX'k YU\_bYggYg'cZh\Y
a UhYf]U'g'UbX'hUg\_g'W\cgYbž'Ug'k Y```Ug'h\Y]f'gi ]hUV]']hmZcf'h\Y'WcbhYl h]b'k \]W\ 'mci 'k ci `X'bcfa U``m
hYUW\"

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GdYWJZJW7f]hYf]U	···flŁ—		2fŽŁ
I bXYfgHJbX]b[ cZh\Y'ei Ygh]cb'cf']ggi Y'UbX'h\Y'_YmWcbWdhg]bj c`j YX			

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DfYgYbhJhjcbcZfYgdcbgY'UWWcfX]b['hc'Uddfcdf]UhY'UWUXYa]WUbX `]b[i ]ghjWWcbj Ybhjcbg			

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DfYgYbHJhjcb`cZfYgdcbgY`UWWcfX]b[`hc`Uddfcdf]UhY`UWUXYa]WUbX`]b[i]ghjWWcbjYbhjcbg				
<ul> <li>7`Uf]miUbX'Uddfcdf]UhYbYgg'cZgYbhYbWY'ghfi Whi fYžj cWUVi `Ufm i gYž'gdY``]b[ž'UbX'di bWhi Uh]cb</li> </ul>				
• 7`Uf]lmž'Wcbg]ghYbWnž'UbX'Uddfcdf]UhYbYgg'cZkf]lhYb'YldfYgg]cb'				
7 `Uf]lmž'Wcbg]ghYbWnž'UbX'Uddfcdf]UhYbYgg'cZWcbj Ybh]cbg'Zcfei ch]b[ž'dUfUd\fUg]b[ž'Uhhf]Vi h]b['gci fWrg'cZ]bZcfa Uh]cbž'UbX `]gh]b['fYZYfYbWrg		†	‰	

### 5 hyb XUb WY F Yei ] fYa Ybhg

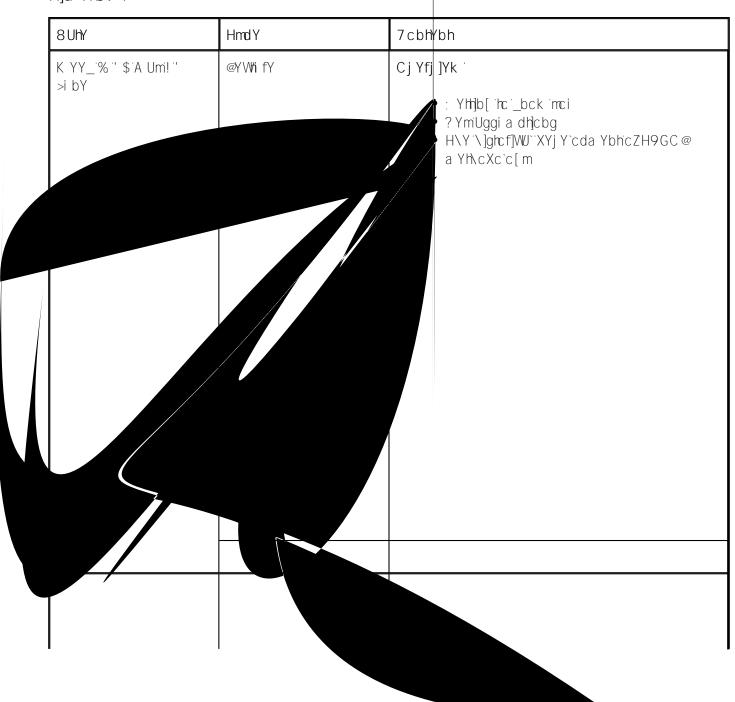
GWXcc`cZ'9Xi WUhlcb'5HYbXUbWY'FYei]fYaYbh

H\Y`GW\cc``cZ9Xi WUhjcb`fG98EfYei ]fYgʻghi XYbhgʻa YYhUʻa ]b]a i a `UhhYbXUbW\fYei ]fYa YbhcZ, \$i `cZU`` gW\YXi `YX`WUggYgʻf]"%"`YWhi fYgž'hi hcf]Uʻgž'k cf\_g\cdgžʻgYa ]bUfgEʻZcf`U```Wci fgYg"`5 hhYbXUbW\f]b`dYfgcb`]g fYei ]fYX`Zcf`hi hcf]UʻgžʻgYa ]bUfgž`UbX`k cf\_g\cdgʻk \Yb`Wci fgY`UfY`XY`]j YfYX`]b`ZJW\facXy\"a cXY\"=h]gʻh\Y fYgdcbg]V]`]micZghi XYbhgʻhc Ybgi fY`h\Uhih\Y]f`UhhYbXUbW\f`]g`fY\VcfXYX`Zcf`h\Y`ZJ\W\fc`ZJ\W\Y]h\Yf`Vm YYWfcb]Wa YUbgʻcfʻj ]UʻUb`UhhYbXUbW\fY[]ghYf"`5 hhYbXUbW\f\]b`cb`]bY`cf`V`YbXYX`a cXY`k ]```VY`UggYggYX h\fci [\X][]hU`": i fh\Yf`]bZcfa Uhjcb`WJb`VY`Zci bX`\\YfY\"

### 7 ci fgY GWX YXi `Y

#### J JYk 'WUqq'Ha YHUV'Y

#### H]a YtUV`Y



	a UbU[Ya Ybh

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K_YY_'+.''‱'>i `m!''%) >i `m	@YWhifY	HYUW.]b[ 'k f]h]b[	

## FYgci fWfg

### DfYgWf]VYX F Ygci fWYg

HYI hVcc\_

• Gd]fc $\check{z}$ >UbY"'f&\$% Ł"'5YR\_XZ\_X ? VeY`U`]`XZ/d Z\_ 7 7 >"'9X]bVi f[\.'9X]bVi f[\'I b]j Yfg]hmDfYgg" C b`]bY'UVWYgg'h\fci [\'I BGK \``]VfUfm

### FYWca a YbXYX FYgci fWYg

#### ; YbYfU`VUW[fcibX'fYUX]b[

- 6 Ulghc b Y ž F " f % ( Ł" 9 cR ^ ^ R c ž C | Zc f X . "C | Zc f X I b ]j Y f g ] m D f Y g g "
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\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

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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 Uhjcb

8 i Y 'hc 'Yj c'j ]b[ 'UXj ]WY 'VmBGK '<YU'h\z'gh XYbhg'a i ghW\YW\_'Zcf'i dXUhYX']bZcfa Uh]cb 'fY[ UfX]b[ 'cb`]bY 'YUfb]b[ 'Zcf'U``'5fhgž'8Yg][ b 'UbX'5fW\]hYWi fY 'Wci fgYg'h\]g'hYfa 'fJ ]U'A ccX'Y'cf'Wci fgY']bZcfa Uh]cb dfcj ]XYX"L

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