

# EDST6953

D\mgjWg'A Yh\cX'&

HYfa &Z&\$&&



7ci fgY`Cj Yfj ]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbV]`]m


## 5W\_bck`YX[ Ya YbhcZ'7ci blfm

I B GK `5fngž8Yg][ b`UbX`5fWk]fYWhi fY? Ybg]b[ hcb`UbX`DUXX]b[ hcb`Wla di gYg`UfY`Vi ]hcb`5Vcf][ ]bU`  
@UbXg"K Y`dUmci f`fYgdYWhg`hc`hY`6]X^][ U`UbX`; UX][ U`dYcd`Yg`k`c`UfY`hY`7i`gfcX]Ubg`cZ`hY`gY`UbXg"  
K Y`UW\_bck`YX[ Y`hY`5Vcf][ ]bU`UbX`Hc`fYg`G`fU]h`g`UbXYf`dYcd`Ygž`hY`; ]fgh5i`gfcU`]Ubgž`k`c`gY`UbXgž`  
k`]bXg`UbX`k`U`fYg`k`Y`U`bck`g`UfYž`UbX`dUm`fYgdYWhi`hc`hY`]f`i`b`jei`Y`j`U`i`Ygž`UbX`hY`]f`W`b`h`bi`]b[ `UbX`  
YbXi`f]b[ `W`h`fYg`k`\\]W`XYYdYb`UbX`Yb`f]W`hY`Z`c`Zci`f`b`U`h`cb`UbX`W`a`a`i`b`]h`Yg`"

7 ci fgY'8YHJ`g

I b]hg'cZ7fYX]h\*`

K cf\_`cUX

%) \$` \ci fg]bWl X]b[ `WUgg`Wc`bH`UW`h\ci fgZ`fYUX]b[ gZ`WUgg`d`fYd`UfU]cbZ`UggYgga YbhZ`c`ck`i`d`UW]j ]hYgZ`YH`W

Gi a a UfmicZ`h`Y`7 ci fgY

YZl Zl R Yj ScZl T` f`cdVZ`eZl RgRZRS]V e` S` e`f`\_UVc`d`RUF`ReV`R`\_U`a`d`e`d`RUF`ReV`d`e`f`UV`\_e`dZ` YV`T`f`cdV`T`\_e`V`\_d`UV]Z`gVj`R`\_U`RddVdd^`V`\_eh`Z]`SV`ZUV`\_e`Z`R]`Wc`S`e`f`Xc`f`ad`\_Wd`e`f`UV`\_e`dZ`

h`h`j`g`W`c`i`fgY`z`m`c`i`k`j`Y`U`f`b`l`c`k`h`c`h`Y`U`W`X`D`l`m`g]`W`g`U`h`U`b`U`X`j`U`b`W`X`Y`j`Y`j`b`g`Y`W`c`b`X`U`f`m`W`c`b`h`Y`l`h`g`M`c`i`k`j`i`g`Y`f`Y`j`U`b`h`g`m`U`V`i`g`X`c`W`a`Y`b`h`g`h`c`X`Y`j`Y`c`d`]`b`b`c`j`U`h`j`Y`U`b`X`Y`b`[`U`[`b`[`Y`g`g`c`b`d`U`b`g`U`b`X`W`f`f`W`i`a`d`U`b`g`M`c`i`k`j`Y`U`f`b`U`b`X`d`f`U`W`g`Y`U`f`U`b`[`Y`c`Z`H`Y`U`W`]`b`[`g`h`f`U`H`[`]`Y`g`h`U`h`a`U`l`j`a`]`g`Y`h`Y`Y`U`f`b`]`b`[`d`c`h`b`h`U`c`Z`U`h`m`d`Y`g`c`Z`Y`U`f`b`Y`f`g`]`b`U`g`U`Z`Y`z`g`i`d`d`c`f`h`j`Y`z`U`b`X`l`[`l`m`Y`b`[`U`[`Y`X`W`U`g`g`f`c`c`a`Y`b`j`]`f`c`b`a`Y`b`h`M`c`i`k`j`Y`X`g`[`b`Z`c`f`U`b`X`j`a`d`Y`a`Y`b`h`h`Y`U`W`]`b`[`g`h`f`U`H`[`]`Y`g`h`U`h`]`b`W`c`f`d`c`f`U`H`X`[`]`h`U`U`b`X`c`h`Y`f`]`b`b`c`j`U`h`j`Y`g`h`f`U`H`[`]`Y`g`M`c`i`k`j`U`g`c`Y`U`f`b`U`V`c`i`h`U`f`U`b`[`Y`c`Z`U`g`g`Y`g`g`a`Y`b`h`U`b`X`Z`Y`X`V`U`W`\_`g`h`f`U`H`[`]`Y`g`]`b`h`Y`X`]`g`W`d`]`b`Y`Z`k`]`h`U`Z`c`W`g`c`b`U`g`g`Y`g`g`a`Y`b`h`]`b`h`Y`g`Y`b`]`c`f`g`Y`W`c`b`X`U`f`m`g`W`c`c`"

7 ci fgY`@YUfb]b[ `Ci hW`a Yg

%` =>Y`b`h`Z`m`Y`g`g`Y`b`h`U`Y`Y`a`Y`b`h`g`c`Z`h`Y`B`G`K`D`l`m`g]`W`g`G`H`U`[`Y`\*`G`m`U`V`i`g`Z`U`b`X`g`h`f`U`H`[`]`Y`g`h`c`g`i`d`d`c`f`h`g`h`X`Y`b`h`g`U`g`h`Y`m`f`U`b`g`]`h`c`b`V`Y`h`k`Y`Y`b`g`h`U`[`Y`g`&`I`g`Y`g`h`f`c`b`[`\_`b`c`k`Y`X`[`Y`c`Z`g`i`V`Y`W`h`W`c`b`h`Y`b`h`c`d`U`b`U`b`X`Y`j`U`i`U`H`W`c`l`Y`f`Y`b`h`Z`[`c`U`l`c`f`]`Y`b`h`Y`X`U`b`X`W`X`U`Y`b`[`]`b`[`Y`g`g`c`b`g`Z`Y`g`g`c`b`g`Y`e`i`Y`b`W`g`U`b`X`h`Y`U`W`]`b`[`d`f`c`[`f`U`a`g`k`l`W`X`k`j`Y`b`[`U`[`Y`U`g`h`i`X`Y`b`h`g`'`G`Y`h`U`W`]`j`U`V`Y`Y`U`f`b`]`b`[`c`i`h`W`a`Y`g`h`c`a`U`H`X`W`c`b`h`Y`b`h`Z`h`Y`U`W`]`b`[`g`h`f`U`H`[`]`Y`g`Z`Y`f`g`c`i`f`W`g`U`b`X`X`]`Z`Y`f`Y`b`h`m`d`Y`g`c`Z`U`g`g`Y`g`g`a`Y`b`h`Z`c`f`U`i`b`]`h`c`Z`k`c`f`\_`]`b`D`l`m`g]`W`g`(``D`f`c`j`]`X`Y`W`Y`U`f`X`]`f`Y`W`]`c`b`g`h`c`c`f`[`U`b`]`g`Y`U`b`X`g`i`d`d`c`f`h`d`f`Y`d`U`f`Y`X`U`W`]`j`h`Y`g`U`b`X`i`g`Y`f`Y`g`c`i`f`W`g`)``5`g`g`Y`g`g`U`b`X`f`Y`d`c`f`h`c`b`g`h`i`X`Y`b`h`Y`U`f`b`]`b`[`]`b`D`l`m`g]`W`g`h`c`U`Y`m`i`g`h`U`Y`l`c`X`Y`f`g`\*`=>Y`b`h`Z`m`h`Y`W`X`U`f`U`W`]`f`g`h`W`g`c`Z`U`b`Y`Z`Y`W`]`Y`D`l`m`g]`W`g`h`Y`U`W`Y`f`U`b`X`h`Y`g`h`U`b`X`U`f`X`g`c`Z`d`f`c`Z`Y`g`g`]`c`b`U`d`f`U`W`]`W`]`b`h`Y`U`W`]`b`[`Z`Y`g`d`Y`W`]`U`m`h`Y`U`h`f`]`V`i`h`Y`g`c`Z`f`U`X`i`U`H`h`Y`U`W`Y`f`g`

5 i ghfU`]Ub`DfcZYgg]c`bU`GHU`bXUfXg`Zc`f`HYUW`X`Yfg

GHU`b`X`U`f`X`		5ggYgga`Y`b`h`g`
%`%`%`	8Ya`cbghfU`H`_`b`c`k`Y`X`[`Y`U`b`X`i`b`X`Y`f`g`h`U`b`X`]`b`[`c`Z`d`l`m`g]`W`l`Z`g`c`W`]`U`Z`U`b`X`]`b`h`Y`W`h`U`X`Y`j`Y`c`d`a`Y`b`h`U`b`X`W`X`U`f`U`W`]`f`g`h`W`g`c`Z`g`h`i`X`Y`b`h`g`U`b`X`l`c`k`h`Y`g`Y`a`U`m`U`Z`Y`W`h`Y`U`f`b`]`b`[`	†
%`&`%`	8Ya`cbghfU`H`_`b`c`k`Y`X`[`Y`U`b`X`i`b`X`Y`f`g`h`U`b`X`]`b`[`c`Z`f`Y`g`Y`U`f`W`]`b`h`c`l`c`k`g`h`i`X`Y`b`h`g`Y`U`f`b`U`b`X`h`Y`j`a`d`]`W`h`c`b`g`Z`c`f`h`Y`U`W`]`b`[`	†
%`"``%`	8Ya`cbghfU`H`_`b`c`k`Y`X`[`Y`c`Z`H`Y`U`W`]`b`[`g`h`f`U`H`[`]`Y`g`h`U`h`U`f`Y`f`Y`g`d`c`b`g`]`Y`h`c`h`Y`Y`U`f`b`]`b`[`g`h`f`Y`b`[`h`g`U`b`X`b`Y`Y`X`g`c`Z`g`h`i`X`Y`b`h`g`Z`f`c`a`X`j`Y`f`g`Y`]`b`[`i`]`g`h`W`g`Z`W`h`i`f`U`Z`f`Y`[`]`c`i`g`Z`U`b`X`g`c`W`c`Y`W`c`b`c`a`]`W`V`U`W`_`[`f`c`i`b`X`g`	%`Z`&
%`)``%`	8Ya`cbghfU`H`_`b`c`k`Y`X`[`Y`U`b`X`i`b`X`Y`f`g`h`U`b`X`]`b`[`c`Z`g`h`f`U`H`[`]`Y`g`Z`c`f`X`]`Z`Y`f`Y`b`h`U`h`]`b`[`h`Y`U`W`]`b`[`h`c`a`Y`Y`h`h`Y`g`d`Y`W`Z`W`Y`U`f`b`]`b`[`b`Y`Y`X`g`c`Z`g`h`i`X`Y`b`h`g`U`W`f`c`g`g`h`Y`Z`Y`f`U`b`[`Y`c`Z`U`V`]`]`h`Y`g`	%`Z`&
&`%`%`	8Ya`cbghfU`H`_`b`c`k`Y`X`[`Y`U`b`X`i`b`X`Y`f`g`h`U`b`X`]`b`[`c`Z`h`Y`	%`Z`&



f 7cj YfYX'Xi f]b[ 'hY'Wci fgY

HYUWX ]b[ 'GhfUHY[ ]Yg'

F Uh]cbU'Y'Zcf'hY' ]bWi g]cb'cZWcbhYbhUbX'hYUWX ]b[ 'UddfCUX

@YWh fYgžh hcf]U'g'UbX'Ugg][ ba Ybhg'k ]''Wcj Yf'U'j Uf]YhmcZUddfCUX Yg'hc'hYUWX ]b[ ž'YUfb]b[ 'UbX  
UggYgg]b[ ' ]b'hY'D\mg]Wg'WUggfccca ""9a d\Ug]g'k ]''VY'd'UWYX'cb'hY'fY'Uh]cbg\ ]d'VYhk YYb'hY'bUh fY  
UbX'dfUW]WY'cZGWYbWYž'hY'fc'Y'UbX'j U'i Y'cZgWYbWY' ]b'gcWYmUbX'gWYbWY'dYXU[ c[ m'5'dUfh]W'Uf

# 5ggYgga Ybh

5ggYgga YbhUg_	K Y][ \h	8i Y'8UH	7ci fgY'@YUfb]b[ Ci hWta Yg'5ggYggYX
%'GWdY'UbX'gYei YbW'Zcf GHU[ Y'*	( \$i	\$' #\$, #&\$&&\$) .\$\$'DA	%ž&ž' ž(ž)
&"DfYdUf]b[ 'U'i b]hcZk cf_ Zcf'GHU[ Y'*	* \$i	&( #\$, #&\$&&\$) .\$\$'DA	%ž&ž' ž)

5ggYgga Ybh%'GWdY'UbX'gYei YbW'Zcf'GHU[ Y'\*

8i Y'XUH. '\$' #\$, #&\$&&\$) .\$\$'DA

D5F H%'7fYUH'U'gWdY'UbX'gYei YbW'ž]bW X]b[ 'YUfb]b[ 'ci hWta YgžWj Yf]b[ '%\$'k YY\_g'Zcf'U'MYUf'%'&  
WUgg"

D5F H'&. DfYdUfY'Ub'UggYgga YbhUg\_ f%h'ghUb'YggUm' h&\$X]YWhm]b\_g %h'Y'YUW]b[ 'UbX'YUfb]b[ %  
]bYb]cbg'Zcf'hY'h'fa'g'k cf\_"Mci f'g %o i ghO hm]b\_g %o

: YYXVUW\_ ]g'dfcj ]XYX'j ]U'A ccX'Y'k ]h]b'k c'k YY\_g'cZhY'gi Va ]gg]cb'XUW'": YYXVUW\_ ]g'U'] [ bYX'hc'hY fi Vf]WZc'f'YUW'UggYgga Ybh'

5XX]h]cbU'XYhU]g

HUg\_ ' . '7ca a cb'5ggYgga YbhA cXi 'Y

Gfi Wi fy. 'H\Y'7ca a cb'5ggYgga YbhA cXi 'Y'k ]''VY'Uj U]UV'Y'hc'k cf\_'cb'Zca 'K YY\_'%cZI BGK 'HYfa '&"

K Y] [ \h'B#5'fh]g'U' \i fX'Y'fYei ]fYa Ybh'hUha i ghVY'Wca d'Yh'X'hc'dUgg'h'Y'Wci fgY'Z"

; U'hYf'Yj ]XYbW'Zca 'U'j Uf]YhmicZgci fW'g'UVci h'YUfb]b[ 'ci h'Wca Yg/UbX'i gY'hUh]bZca Uh]cb'hc' ]a d'fcj Y 'YUfb]b[ 'UbX'h'UW' ]b[ " 'Mci 'k ]''VY'gYbhZ'fh'Yf' ]bZca Uh]cb'UVci h'ck'hc'UW'W'gg' ]h'WcgYf'hc'h'Y'g'hUfh'cZ h'Yfa "H\Yf'Y'k ]''VY'Xfcd!]b'gYgg]cbg ]b'K YY\_g', !% "H\]g ]g'h'Y'gUa Y'h]a Y'hUhA Y'h'cX'&'fi bg'f]'Y"z% h >i 'mhc '&'h'5i [ i gh&\$&&E"

BchY. : i fh'Yf' ]bZca Uh]cb'UVci h'h]g'a cXi 'Y'k ]''VY'Uj U]UV'Y' ]b'A ccX'Y"

7ca a cb'5ggYgga YbhA cXi 'Y'f]b!WUgg'hUg\_ t

h'h'Y'Z]bU'A Y'h'cX'h'hc'f]U'g'z'mci 'k ]''Wca d'Yh'U'hUg\_'hUh'f'Y'Uh'Y'g'hc'h'Y'7ca a cb'5ggYgga YbhA cXi 'Y"

H\]g'hUg\_'W'bg]gh'g'cZ'h'f'Y'W'ca dcbYb'gh.

%" 7c''YWhZ]j Y'cf'g]l 'Ui h'Ybh]Wgh XYbh'fYgdcbgYg'hc'df'Y'Z'f'UV'm'k c'UggYgga Ybh'hUg\_g"  
&" D'fcj ]XY'k f]h'Y'b'Z'Y'X'V'U'W\_'Z'c'f'h'Y'g'h XYb'gh'k \]W' ]bX]W]h'Y'g'g'h'f'Y'b[ h'g'UbX'U'f'Y'U'g'Z'c'f' ]a d'fcj Ya Ybh]b f'Y'Uh]cb'hc'h]g'k cf\_'gUa d'Y'UbX'c'j Yf'U''YI d'Y'W'U'h]cbg#g'h'U'b'X'U'f'X'g"  
' " K f]h'U'Z'Y'k '' ]b'Y'g'h'Uh'W'ci 'X'V'Y' ]b'W' XYX' ]b'U'a ]X!m'Y'U'f'f'Y'd'c'f'h'W'ca a Ybh'hc'd'U'f'Y'b'gh"





GdYWZjW7 f]hYf]U

11fŁ ————— 2fŁŁ

- 5V] ]mhc`d`Ub`UbX`UggYgg`Zc`f`YZZYWj`Y`YUfb]b[ `VmXYg][ b]b[ hYUWk]b[ `UbX`YUfb]b[ `UWj] ]hYg`i`g]b[ ` \_bck`YX[ Y`cZH`Y`BGK gm`UVi`g`XcW`a`Ybtg`cf`ch`Yf`W`ff]W`i`a`fYei`]fYa`Ybtg`cZH`Y`9Xi`WU]cb`5Wk
- 4Wi`g]cb`cZ,`fYei`]fYX`hYUWk]b[ `UbX`YUfb]b[ `UWj] ]hYg
- :`cf`YUWk`UWj] ]mhc`Y`Z`ck`]b[ `]bWi`XYX.


]b[ i ]gh]Wwłbj Ybh]cbg

- 7 `Uf]mž`Włbg]ghYbWwłUbX`Uddfcdf]UHybYgg`cZwłbj Ybh]cbg`Zcf ei ch]b[ žW]h]b[ ždUfUd`fUg]b[ žUhf]Vi h]b[ `gci fW]g`cZ]bZcfa Uh]cbž UbX``]gh]b[ `fYZfYbW]g`f5D5`gmYł
- 7 `Uf]mUbX`Uddfcdf]UHybYgg`cZgYbhYbW]`ghfi W]i fYžj cW]Vi `Ufm i gYžgdY``]b[ ždi bW]i Uh]cbžUbX`k cfX``Yb[ h]
- 5ddfcdf]UHybYgg`cZcj YfU``ghfi W]i fY`cZfYgdcbgY
- 7 `Uf]mUbX`Wł`YfYbW]`cZcf[ Ub]nUh]cb/`c[ ]W]`gYei YbW]
- I gY`cZUddfcdf]UHy`Zcfa Uh
- 7 `Uf]mž`Włbg]ghYbWwłUbX`Uddfcdf]UHybYgg`cZwłbj Ybh]cbg`Zcf ei ch]b[ žW]h]b[ ždUfUd`fUg]b[ žUhf]Vi h]b[ `gci fW]g`cZ]bZcfa Uh]cbž UbX``]gh]b[ `fYZfYbW]g`f5D5`gmYł
- 7 `Uf]mUbX`Uddfcdf]UHybYgg`cZgYbhYbW]`ghfi W]i fYžj cW]Vi `Ufm i gYžgdY``]b[ ždi bW]i Uh]cbžUbX`k cfX``Yb[ h]

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GdYWZjW7 fJHyfJU

11ł ————— 2fZł


GdYWZjW7 f]hYf]U

11 fŁ ————— 2fŁŁ

; YbYfU`WŁa a YbYf#fYWŁa a YbXU]cbg`Zcf`bYI h]a Y.`

F YWŁa a YbXYX.

#&\$`fł @`DG`7F`8B`<8Ł

K Y][ \h]b[ .

\* \$ł

B 6. H\Y`h]W\_g`]b`h\Y`j`Uf]ci`g`Vcl`Yg`UFY`XYg][`bYX`hŁ`dfcj`]XY`ZYXVUW`hŁ`ghi`XYb]g/h\YmUFY`bch[`]j`Yb`  
Yei`U`k`Y][` \h]b`XYhYfa`]b]b[`h\Y`fYWŁa`a`YbXYX`[`fUXY`"8`YdYbX]b[`cb`h\Y`bUhi`fY`cZ`h\Y`UggYgga`Yb]fUg\_ž`  
YWfi`fYfg`a`UmU`gc`WŁb]h\I`h`U`]gY`UbX`#`cf`Ua`YbX`h\YgY`gdYWZjW7f]hYf]U`H\Y`fYWŁa`a`YbXYX`[`fUXY`]g`  
hYb]U]j`Y`cb`mž`gi`V`YWfi`hŁ`ghU]bXUfX]gU]hcb`dfcW]ggYg`UbX`Uddfcj`U`Vm`h\Y`GVŁcc`cZ9Xi`W]h]cb`@YUfb]b[`  
UbX`HYUW]b[`7`ca`a`]hYY`"







F Ygci fWg

DfYgWf]VYX F Ygci fWg

F Yei ]fYX fYUX]b[ g

9UW`gh XYbh]g`fYei ]fYX`h`c`VhU]b`Zca`h`Y`B`9G5`k`YVg]h`  
[f\hdg.#gm`UVi`g"bYgU"bgk`"YXi`"Ui`#\mg\]Wg!gfU`Y\\*#`h`Y`Z`ck`\]b\[`XcW`a`Ybfg.](#)

- @ H eRXV ( Yj dZd j ]]RSf d
- GHU[ Y`\*`Gi ddcfhA Uhf]U`g

h]g`bchbYWggUfmi`d`i`fW`UgY`D`mg]W`h`I`h`cc`\_`g`Z`f`h`g`W`i`fgY`"HYI`h`cc`\_`g`k`]"`bchi`gi`U`m`VY`i`gYX`  
Xi`f]b[`"h`h`f]U`g"

Cdh]cbU`gYb]cf`h`I`h`cc`\_`

Gi Va ]gg]cb'cZ5ggYgga YbhiHUg\_g

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

≠mci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b[ 'hc'gi Va ]hirci f'Ugg][ ba YbhiH'fci [ \ 'Hi fb]h]bž'd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfh'cb'-' , ) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'gji ddcfh4 i bgk "YXi "Ui "'Gi ddcfh  
\ci fg'UfY' , .\$Ua '—%\$. \$\$da 'cb'k YY\_XUmg'UbX'-. .\$Ua '—) . \$\$da 'cb'k YY\_YbXg'f1 \*) 'XUmg'U'm'UfL" ≠mci  
UfY'i bUV'Y'hc'gi Va ]hirci f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]h]b'mci 'a UmUdd'm'Z'f'Ub'YI HYbg]cbž'Vi hirci

## 5 WUXYa ]W< cbYgmiUbX'D`U[ ]Uf]ga

D`U[ ]Uf]ga ]g`i g]b[ `hY`k cfXg`cf]XYUg`cZcH.Yfg`UbX`dFYgYbh]b[ `hYa `Ug`mci f`ck b" #WUb`hU\_Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfUH`WXYUH]b[ `hc`UW]XYbhU`mWcdm]b[ `Zca `U`gci fW`k ]h`ci hUW\_bck `YX[ Ya Ybh`

I BGK `[ fci dg`d`U[ ]Uf]ga ]bhc`hY`Zc`ck ]b[ `W]h[ cf]Yg.

7cdm]b[ .`I`g]b[ `hY`gUa Y`cf]j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hY`hcf]XYU`k ]h`ci hUW\_bck `YX[ ]b[ `hY`  
gci fW`cf`i g]b[ `ei`chU]cb`a Uf\_g`"H\]g]bW`i XYg`Wcdm]b[ `a`UHf]U`gZ]XYUg`cf`WcbW`dHg`Zca `U`Vcc`Z`Ufh]WY`Z`  
fYdcfhcf`chYf`k f]hY`b`XcW`a YbZ`dfYgYbhU]cbZ`Wca`dgc]h]cbZ`Ufh`cf`Z`XYg][ bZ`XfUk ]b[ Z`W]fW ]h`mZ`Wca`di`hY`f`  
dfc[ fUa `cf`gcZk UfY`Zk YVg]hY`Z]bH`fbYhZ`chYf`Y`YV`fcb]WfYgci fW`Z`cf`UbchYf`dYfgcb]Ug]g][ ba`Ybhk ]h`ci`h`  
Uddfcd]U]h`UW\_bck `YX[ Ya Ybh`

#Uddfcd]U]h`dUfUd`fUg]b[ .`7`Ub[ ]b[ `U`Zk`k cfXg`UbX`d`fUgYg`k`Y`a`cghmifYh]b]b[ `hY`cf][ ]bU`  
]bZcfa`U]cbZ`gh`i`W`i`fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`k ]h`ci hUW\_bck `YX[ Ya Ybh`H\]g`U`gc`  
Udd`]Yg`]b`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci`h`W]YX]h`UbX`hc`  
d]YW]b[ `hc[ Y`hYf`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`c`Y`Zk ]h`ci`h`Uddfcd]U]h`fY`ZYfYbW]b[ "

7c`i`g]cb.`K`cf\_]b[ `k]h`chYfg`Vi`hdUgg]b[ `cZ`hY`k`cf`\_`Ug`U`dYfgcb`g`]bX]j ]Xi`U`k`cf`\_`7c`i`g]cb`U`gc`  
]bW`i`XYg`dfcj`X]b[ `mci`f`k`cf`\_`hc`UbchYf`gh`XYbhZ`f`hY`di`fdcgY`cZ`hYa`d`U[ ]Uf]g]b[ Z`dUm]b[ `UbchYf`  
dYfgcb`hc`dYfZcfa`Ub`UWUXYa`]W]Ug`Z`gh`U`]b[ `cf`UW`ei`]f]b[ `UbchYf`dYfgcb`g`UWUXYa`]Wk`cf`\_`UbX`Wcdm]b[

## 5 WUXYa ]WbZcfa Uh]cb

8i Y'rc'Yj c'] b[ 'UX] ]W'VmiBGK ' <YU'hž'gh XYbh'g'a i gh'WXYW'Zcf'i dXU'hX'']bZcfa Uh]cb'fY[ 'UfX]b[ 'cb']bY 'YUfb]b[ 'Zcf'U''5fngž8Yg][ b'UbX'5fW]h'W'i fY'W'i fgYg'h]g'h'fa 'fj ]U'A ccX'Y'cf'W'i fgY'']bZcfa Uh]cb dfcj ]XYX"Ł

: cf'YggYbh]U'gh XYbh']bZcfa Uh]cb'fY'Uh]b[ 'rc.

- fYei Ygth'Zcf'YI h'bg]cb/
- 'UH'gi Va ]gg]cbg' [ i ]XY'']bYg/
- fYj ]Yk 'cZa Uf\_g/
- I 'BGK ' <YU'h'UbX'GUZY'hd'c'']WYg/
- YI Ua ]bUh]cb' d'fc'W'Xi fYg/
- gdYW]U'W'cbg]XYfUh]cb'']b'h'Y'Yj Ybh'cZ]'bYgg'cf'a ]gUXj Ybh' fY/
- gh' XYbh'Yei ]m'UbX'X]gUV']]m/
- UbX'ch'Yf'YggYbh]U'UWXYa ]W]bZcfa Uh]cbž'gYY

\h'g.#k k k "i b'gk "YXi "Ui #fng!XYg][ b!UfW]h'W'i fY#gh XYbh'']ZY#Ygci fW'g!gi ddcf'hd'f'c'W'g'[ i ]XY'']bYg

⇒ U[ Y'7 fYX]h

GmbYf[ ]Yg'']b'Gci bX'&\$%\*

7F ⇒ CG

7F ⇒ CG'Dfcj ]XYf'7cXY.'\$\$\$-, ;