

## ARTS2457

7 \ ]bU' a U[ ]bYX'UbX'DYfW ]j YX

HYfa 'Hk c' '# '&\$&%



7ci fgY'8YHJ`g

7fYX]hDc]bhtg`\*`

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

h`h]g`Wci fgY`mci`k`j`YI`Ua`]bY`ck`h`Y`7`bYgY`UFY`ja`U[`]bYX`UbX`dcffU`mYX`VmK`YghYfb`W`h`fY`  
UbX`ck`h`Y`7`bYgY`XYd]W`h`Ya`gY`j`Yg`Mci`k`j`YI`d`cFY`h]g`"XYd]W]b[`7`bU`"X]g`Wci`fgY`]b`Vch`h`]h`fUfm`  
UbX`dcdi`Uf`W`h`fY`UbX`]b`h`ffc[`U`h`]h`g]g[`b]Z]W`b`V`ch`Z`c`f`h`Y`9`Ugh`UbX`K`Ygh`Mci`k`j`W`bg]XYf`h]h`g`cZ`  
]h`fUhi`fY`z`d`]cgcd`n`z`W]h]W`h`Y`c`fm`z`UbX`]b`h`Y`W`h`U`h`]g`h`c`fm`z`gi`dd`Ya`Y`b`h`X`V`m`Z]a`g`c`Z`V`ch`K`YghYfb`UbX`  
7`bYgY`c`f]g`]b`z`

H\]g`Wci`fgY`]g`h]i`[`h]b`9b[`]g`UbX`k`]h`fYUX]b[`g]b`9b[`]g`h`"

7ci fgY`@YUfb]b[`C`i`h`W`a`Yg

%`7`f]h]W`m`fYUX`]a`dcffU`b`h`h]i`h`g`cZ`]h`fUhi`fY`z`W`a`dUfU`h]j`Y`]h`fUhi`fY`z`Z]a`z`UbX`7`bYgY`]b`h`Y`W`h`U`  
h]g`h`c`fm`  
&`5`b`U`m`gY`X]Z]Y`fY`b`h[`Y`b`f`Y`g`]b`h]h`fUhi`fY`z`W]h]W`h`Y`c`fm`z`Z]a`UbX`Z]a`h`Y`c`fm`  
'`5`dd`m`fY`gY`U`f`W`z`Ub`U`m]h]W`UbX`Y`g`g`U`m`k`f]h]b[`]g`\_]`g`h`c`U`gY`Y`W`h`X`h`c`d]W`  
(`8`Y`Z]bY`UbX`W]h]e`i`Y`h`Y`W`b`W`d`h`c`Z`f]Y`b`h]U`]g`a`f`i`

HYUW\]b[`G`h`fU`h]`[`]Y`g`

H\]g`Wci`fgY`]g`a`UXY`i`d`cZ`]h`fUfm`z`Z]a`]W`UbX`h`Y`c`fY`h]W`W`a`d`c`b`Y`b`h]g`"@Y`W`h`fY`g`k`j`Z`W`g`c`b`h`Y`h`c`d]W`  
W`c`j`Y`fY`X`]b`fY`UX]b[`U`gg][`ba`Y`b`h]g`V`i`h`k`j`U`g`c`]b`W`h`X`Y`Ub`Ub`U`m]g]g`UbX`X]g`W`g`g]c`b`c`Z`Z]a`g`z`]b`d`U`f]h]W`U`f`  
Z]a`]W]a`U[`Y`g`"K`Y`k`j`j`]Y`k`g`Y[`a`Y`b`h]g`c`Z`Z]a`g`]b`W`U`g`g`"Z`m`c`i`a`]g`g`U`W`U`g`g`z`U`Z]a`g`k`j`V`Y`U`j`U]UV`Y`  
h`f`c`i`[`h`h`Y`I`B`G`K`h]h]fUfm`H`Y`m`W`b`V`Y`j`]Y`k`Y`X`V`m`f`Y`g`Y`f`j`]b[`U`a`U`W`]b`Y`h`Y`f`Y`z`V`i`h`W`b`b`c`h`V`Y`V`c`f`f`c`k`Y`X`"  
G`c`a`Y`Z]a`g`W`b`U`g`c`V`Y`j`]Y`k`Y`X`c`b`]b`Y`"H\]g`Wci`fgY`f`Y`e`i`]f`Y`g`g`h`X`Y`b`h]g`h`c`X`c`U`g`i`V`g`h]b`h]U`U`a`c`i`b`h`c`Z`  
fYUX]b[`h]g]g]a`dcffU`b`h`h]U`h`m`c`i`W`a`a`]h`m`c`i`fgY`Z`h`c`X`c]b[`h`h`Y`fYUX]b[`g`c`b`U`f`Y[`i`U`f`V`U`g]g`Z`c`a`h`h`Y`  
V`Y[`]b`b]b[`c`Z`h`Y`W`c`i`fgY`"7`U`g`g`Y`g`V`U`g`Y`X`c`b`h]h]fUfm]g`h`X]Y`g`UbX`W]h]W`h`Y`c`fm`U`f`Y`Z`c`W`g`Y`X`c`b`X]g`W`g`g]c`b`g`  
UbX`W`c`g`Y`Ub`U`m]g`Y`g`c`Z`d`f]a`U`f`m`UbX`g`Y`W`c`b`X`U`f`m`h]i`h`g`z`UbX`c`b`m`V`m`f`Y`UX]b[`h`h`Y`a`UbX`h]b\_]b[`fY`Z`Y`W]j`Y`m`i`c`b`  
h`h`Y`]g`g`i`Y`g`fU]g`Y`X`]b`W`U`g`g`X]g`W`g`g]c`b`g`W`b`m`c`i`Y`I`d`Y`W`h`c`a`U`g`h`f`h`h`Y`W`c`i`fgY`a`U`h`f]U`"

5ggYgga Ybh


hc fYZf'hc'chAYf'fYI hg'cf'Z'a gi gYX'jb'h'g'Wci fgy"

C f'mci 'a UmXYj ]gY'mci f'ck b'YggUmhcd]W'Z'mci 'XcZ'd'YUgY'a U\_Y'gi fY'hc'Ug\_'hY''YWfi fYfZ'Y]hAYf'UZfYf  
WUggZ'jb'Wcbgi 'hUhc'b'\ci fgZ'cf'j ]U'Ya U]'k \YhAYf'cf'bchhAY'hd]Wmci 'dfcdcgY'hc'k f]hY'cb'jg'UWWd'fUV'Y"

F Y''W]hU]cbg. 'K \Yb'k f]h]b[ 'Ub'YggUmU'k Umg'W]hY'hY'Vcc\_'UbX'dU[ Y'bi a VYf'Zca'k \]W]mci 'UfY'ei ch]b[  
cf'gi a a Uf]n]b[ "'H\Y'YUg]Yghk Umhc'Xc'h'g'jg'di h'hAY'jbZ'fa U]cb'j]bhc'dUfYb'hAYgYg'UZfYf'hAY'ei chY'cf  
dUfUd\fUgYZ'Y[ "'-'—=WU'b'hk f]hY'Z'gU]X'5\ 'E'g\Ua YZUW'XZ'bYfj ci g'm\c'X]b[ 'hAY'Vfi g\ "'-b'hUhWUgYZ'hc  
a U\_Y']hYUgmZ'cf'mci Z'Xfuk 'U'W]fWY "'f@ 'Li bZ'E WUfW E fa d'VeZ'dZ'%, E' C f']Z'mci 'dUfUd\fUgYZ'Z'cf  
YI Ua d'Y. '@ 'Li b'hY''gi g'hUh5\ 'E' ]g'Ub'j']hYfU'Y'dYUgUb'hZ'k \]W]gYYa g'bchhc'd\UgY'\ ]g'UWW gYfg'i bXYf  
hY'bYk 'F Ydi V']WU'b' [cj Yfba Yb'h'H\Ymg]a d'm\Uj Y'\ja 'Xfuk 'U'W]fWY'cb'\ ]g'XYU'h'k UffU'b'h'f@ 'Li bZ'  
E WUfW E fa d'VeZ'd"'%, E''Mci 'WU'b'i gY'Y]hAYf'< Ufj UfX'cf'7\ ]WU[ c'g'mY. 'k \Uh'jg'a cgh]a dcfhU'h]g  
hUh'mci '[ ]j Y'hAY'W]hU]cb"

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h'fci [ \ 'Hi fb]h]b'UbX'ghi XYbhg'WU'b'gY'Y'Hi fb]h]b'g]a ]Uf]m  
fYdcf'g"

5ggYgga Ybh&. '9I Ua

8YhU]`g.

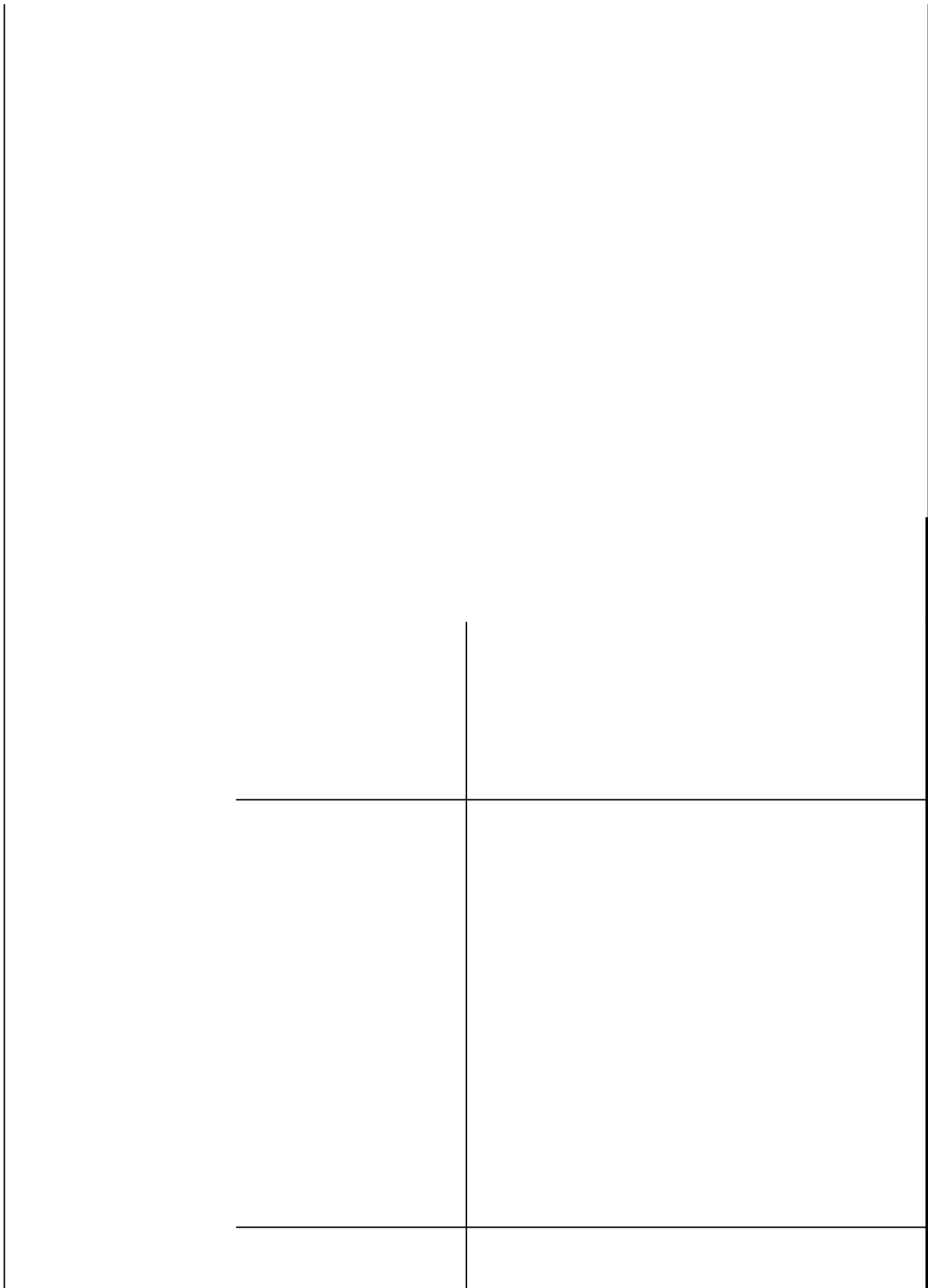
Gh XYbhg'Wca d'Yh'Ub'YI Ua 'fB'\ci fgE]bW'i X]b[ '&\$!' \$'a i 'hd'Y'Wxc]W'ei Ygh]cbg'fk Y][ \h]b[ ', \$i E'UbX'Ub  
YggUm'cZ'Uddfci "'\*\$ \$k cfXg'ib'9b[ ]g'\cf' - \$ \$7 \]bYgY'WX'UfUW'Yfg'fk Y][ \h]b[ '&\$i E'Gh XYbhg'fYW]j Y'U  
a Uf\_'UbX'WU'b'Wcbgi 'h'hAY''YWfi fYf'Z'f'Z' f'hAYf'ZYXVUW\_'H\]g'jg'hAY'Z]bU'UggYgga YbhZ'cf'U'hY'bX'UbW'  
di fdcgYg"





		%- &* 'Xi f]b[ 'h\Y'6Y]ZU' fB cffh\Yfb'9i dYX]h]cbE' ]b k \]WX 'U'WcU' ]h]cb'cZB U]h]cbU' ]ghfP i ca ]b]hUb[ E'UbX'7 ca a i b]gh]Zc'fW'g'a ci bhYX'U'a ] ]Ufm WJa dU][ b'U[ U]bghh\Y'bcffh\Yfb'k Uf'cfX [ cj Yfba Ybh'f6Y]mUb[ 'N\Yb[ Z' E'ZU WJa dU][ b'h\Uh]b]h]U'mz'Uh'YUghz'\UX'bU]h]cbU' ]gh]W UbX'Ubh] ]a dYf]U' ]gh]c] YfrcbYg"
F YUX]b[		F YUX]b[ g. '9Xk UfX'GU]XZA dW fS'fe_ 'fYI W'fdhYX' ]b fYUXYfE/G]a cb '@Ymg' fYj ]Yk 'cZGU]X'Zca '\]g'Vcc_ 4gd [ Y 8adWef'XY'F UWX'Yk ]'mz'BSbS'^7' hake fa fZW 9 d\sf = ZS' e/UbX'YI W'fdhg'Zca 'FZWF dShWe aX ? SdJa Ba'a' f]b'fYUXYfE' ]Yk. "GUbX'DYVV'Yg" fl G5 %- **E' ]%+) 'a ]bg"
6'YbXYX		": ]Zm]Zj Y'8Um]g'UhDY_]b[ " fl G5 %- '* 'E' ]%' a ]bg" ]Yk 'YI W'fdhg'UbX'X]gW ggE"  "GUbX'DYVV'Yg" fl G5 %- '* E' ]%' '* 'a ]bg" ]Yk YI W'fdhg'UbX'X]gW ggE"
K YY_(. :&%>i bY!'&) >i bY	@YWi fY	%" '7 \]bU'UbX'h\Y'9i fcdYUb'9b' ] [ \hYba Ybh &" 'H\Y'Gi VU'hYfb
	Hi hc]f]U'	< ck 'UfY "cf]YbhU'" WXUfUWYfg'UbX'h\Y'c f]YbhVY]b[ i gYX'VmA cbhYgei ]Yi 'UbX'; c'Xga ]h'Ug'k Y'Ug' ]b h\Y'7 \Uf]Y'7 \Ub'UbX': i 'A UbWXi 'Z]a g3'K \Uhk YfY h\Y'\]ghc]f]WU' VUW [ fci bXg'ci hcZk \]WX'h\YgY WXUfUWYfg'Yj c] YX3'K \Uhg]hYfYchmdYg'UfY'dfYgYbh ]b'h\Y'< c'nk ccX'XYd]W]cbgZ'ck 'Xc'h\YmX]Z]Yf'Zca YUWX'ch\Yf'UbX'k \n3'g'h\YfY'UbmWUffm]c] Yf'Zca : i 'A UbWXi 'hc'h\Y'k UmW'fU]b'7 \]bYgY'Z] [ i fYg f]gi WX'Ug'Df]bW'8i UbE'UfY'XYd]WYX' ]b'") '8Um]g'Uh DY_]b[ "3
F YUX]b[		F YUX]b[ g. 'A cbhYgei ]Yi z'>WfdW BWeS' We'f]H\Y DYfg]Ub '@YhYfg' E'f%+&%E/C' ]j Yf'; c'Xga ]h'Z'FZW 5 [f] W aXfZWI adV'fU'U' "H\Y'7 \]bYgY '@YhYfg' E' f%+ * &E"
6'YbXYX		J ]Yk. "H\Y'A Ug_cZ: i 'A UbWXi " fl G5 %- ' &E' UbX "7 \Uf]Y'7 \Ub. 'A i fXYf'c] Yf'BYk 'Mc'f_" fl G5 %- ( \$E
K YY_(. :&, >i bY!'& >i 'm	@YWi fY	%" 'H\Y'Gi VU'hYfb &" 'H\Y'Gi VU'hYfb'UbX'h\Y'K Ygh
	Hi hc]f]U'	K \ma ] [ \hgca Y'K YghYfb'fYUXYfg'hcXUm]gh]'h ]b_ 5f]h'i f'Ga ]h'g'-% h\W'bh'fmVcc_'5Z [ W'W 5ZScSUfW]ef]Ue'j U'i UV'Y' ]b'i bXYfg]h]bX]b[ '7 \]bU3 K \UhXcYg'@ 'Li b'f% , %E' '*E'\Uj Y'hc'Xc'k ]h cf]YbhU' ]ga 3'< ck 'XcYg'cf]YbhU' ]ga 'a Ub]Z]gh]hgY'Z]b h\Y'XYd]W]cbg'cZ7 \]bU'UbX'h\Y'7 \]bYgY'dYcd'Y' ]b "H\Y'; ccX'9Uf]h'3'< ck 'XcYg'h\Y'-%) * Z]a 'j Yfg]cb cZ' "H\Y'BYk 'M'Uff]G'UW'Z]W' "X]Z]Yf'Zca 'h\Y'-% & g\cf]hg]h'fmN'i Z' 'Vm@ 'Li b3'5fY'h\YfY UgdYW'g'cZ'h\Y'Z]a 'k \]WX'h\Y'X'hc'cf]YbhU' ]gY"











Gi Va ]gg]cb 'cZ5ggYgga YbhiHUg\_g

Hifb]hb'Gi Va ]gg]cb

Ẓmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b[ 'hc'gi Va ]hmc'i f'Ugg][ ba YbhiH'fci [ \ 'Hi fb]h]bž'd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'- ' , ) " ' ' %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" Ẓmci  
UfY'i bUV'Y'hc'gi Va ]hmc'i f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]hb' mci 'a UmiUdd'm'Zcf'Ub'YI HYbg]cbž'Vi hmc'i  
a i ghfYH]b' mci f'h]W'Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'Ubmich'Yf'fY'Yj UbhXcW a Yb'gk'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhmci f'YI HYbg]cb'Udd'j]W]h]cb" Ẓmci 'Ya U]'9I HYfbU'Gi ddcfhmci 'k ]`

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

D`U[ ]Uf]ga `]g`i`g]b[ `h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[ `h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`\_`Y`a` `U`b`m`  
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[ `h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[ `Z`c`a` `U`g`c`i`f`W` `k` ]h`c`i`h`U`W`\_`b`c`k` `Y`X[ `Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[ ]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k` ]b[ `W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][ \hg'UbX'fYgdcbg]V] ]hYg'Ug'U'gh XYbhUhl BGK
-

## 5 WUXYa ]WbZcfa Uh]cb

: cf`YggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[ `tc.

- fYei Ygh]Zcf`YI H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua ]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]mUbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa ]W]bZcfa Uh]cbž`gYY