

# **ARTS1870**

FYh\]b\_]b[ 'h\Y'GcW]U`

HYfa 'C bY''##'&\$&%

# 7ci fgY<sup>·</sup>Cj Yfj ]Yk

## GhJZZ 7 cbhJWh 8 YhJ] `g

7 c bij Ylbooffg

## 7ci fgY 8YHJ] g

### 7 fYX]hDc]bhg \* \*

## Gi a a UfmcZh\Y 7ci fgY

 $H\g"Wci fgY"]g"Ub"]bhfcXi Whjcb hc gcWjccc[]WU"UbX"Ubhh fcdccc[]WU"dYfgdYWhj Yg"cb"h Y bUhi fY cZhh Y gcWjU""Nci k]"Wcbg]XYf ei Yghjcbg gi W. Ug. K \Uhi]g hh Y gcWjU"3 K \Uhi]g hh Y ffY`Uhjcb VYhk YYb hh Y ]bX]j ]Xi U"UbX gcWjYhm3' < ck ']g"hh Y gcWjU"]j YX"UbX YI dYf]YbWX3' < ck 'Xc 'k Y'i bXYfghUbX'h\ Y'Yj YfmXUm3 Mci k]""YI Ua ]bY hh Y gcWjU"Ug"]XYUZWcbWYdhUbX YI dYf]YbWY hh fci [\'hh Ya Yg'gi W\ 'Ug'V]c[fUd\mUbX gY`Z\ccXZ]XYbhjhmUbX'X]ZZYfYbWYZdck Yf"UbX'ZYYXca Z'bUhi fY 'UbX'W' hi fYZ'UbX'ghUhY 'UbX'bUhjcb''C b Wca d'Yhjcb cZh\ Y'Wci fgYZmci k]"\Uj Y'U"[YbYfU"i bXYfghUbX]b['cZh\ Y'_YmWcbWYdhg'i bXYfd]bb]b[gcWjcc[]\WJ"UbX'Ubh\fcdc`c[]\WJ"dYfgdYWhj Yg'cb'h\ Y'gh XmcZgcWjU"]ZY"H\ Y Wci fgY'k]"\dfcf]XY'a Ubm cddcfhi b]hjYg'hc fYZYWhcb'h\ Y'fY'Yj UbWY'cZh\ YgY'h\ Ya Yg'Zcf'ch\ Yf'X]g\Wjd']bYg'cZghi Xm''$ 

## 7ci fgY @YUfb]b[ Ci hWca Yg

%" 9 | d`U]b`\_Ym]ggi Yg`]b`XYVUhYg`UVci hih\Y`WUhY[cfmcZh\Y`gcW]U``]b`gcW]c`c[mUbX`Ubh\fcdc`c[m' &" 8 ]gh]b[i ]g\`VYhk YYb`X]ZZYfYbh'WcbW'dh]cbg`cZh\Y`gcW]U``]b`gcW]c`c[mUbX`Ubh\fcdc`c[m' ' " 5dd`m`gcW]c`c[]WU``dYfgdYWf]j Yg`hc``]j YX`YI dYf]YbWY"

("I gY'g\_]``g`UggcWJUhYX'k]h\``gW\c``Uf`m`]bei]fmi]bWiX]b[`'h\cgY'fY`UhYX'hc'`Wf]hJWU``UbU`mg]gž'Uf[iaYbhUbX'kf]hHYb'YIdfYgg]cb"

## HYUWX]b[ 'GhfUhY[]Yg'

#### FUh]cbU`Y.

 $H\]g\WcifgY\]g\VUgYX\cb\h\Y\Zc\ck\]b[\df]b\Wd\Yg.$ 

- %" Hc:\WfYUhY:\Ub:\]bhY``Y\Wh U``mgh]a i `Uh]b[ 'gdU\W' \Zcf`gh XYbhg`h\UhfYk UfXg`U\W]j Y`Yb[ U[ Ya Ybhk ]h\\\ \W\U``Yb[ ]b[ '\\c'b\\Ydhg
- &" Hc fYUX df]a UfmihYl hg k ]h\ci hih\Y i gY cZgYWcbXUfmigci fW/gžWca a YbhUf]Yg cf X][ YghYX qi a a Hf]Yd"
- '" Hc ZcghYf`X]U`c[iY`]b`UbX`ci hcZWUgg`VYhk YYb`ghi XYbhgžUbX`k]h\`h\Y]f`hYUW\Yfg`]b`cfXYf`hc`WfYUhY U`Wcaaib]h -"

h hcf]U``]b'K YY\_'&'cf'' "'

## 5ggYgga Ybh

#### 5 HMY b X U b WY 'Dc'] Wm

#5 th\]g'WcifgY'mci 'UfY'YI dYWYX'hc'UthYbX'Uh'YUgh, \$i 'cZWUggYg"'Fc```k]``VY'tU\_Yb']b'ti hcf]U'g"

## 5ggYgga YbhHUg\_g

5ggYgga Ybh'hUg_	K Y][ \h	8i Y'8UHY	Gh XYbh@YUfb]b[ Ci hWca Yg 5ggYggYX
K cf_Vcc_	*\$1	, "A UfVX fK YY_g'&'/ " Ł/&* 5df]`fK YY_g'( 'hc'%\$Ł	%ž'&ž''
9ggUmi	(\$1	' \$#\$(#&\$&%`%%) - `DA	&ž' ž'(

### 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% K cf\_Vcc\_

@Yb[ h\. 5ddfcl ]a UhY`m(\$\$!) \$\$ k cfXg dYf k YY\_

#### 8YHJ]`g.

 $Gh XYbhg k ] ``dfYdUfY k f]hhYb Ybhf]Yg cZ \% \& dU[Yg cb hY Ugg][bYX fYUX]b[g" HY]f k cf_k ] ``VY gi Va ]hhYX UbX UggYggYX dYf]cX]WU ``mh\fci [ \ h\Y hYfa "$ 

: YYXVUW..."K f]hhyb."Wca a Ybhg."UbX."[fUXYX."U[U]bgh'U."Wf]hyf]U."g\YYh"

#### 5XX]h]cbU`XYhU]`g.

Mci 'k ]```gi Va ]hmci f`k cf\_Vcc\_Yblf]Yg'Zcf'K YY\_g'&'UbX'' 'cb', 'A UfWX '&\$&%'Zcf'[ fUXYX'ZYYXVUW\_"''`

Mci 'k ]``gi Va ]hYbhf]Yg'Zcf'K YY\_g'(ž) ž'+ž'UbX', 'cb'&\*'5df]``&\$&%Zcf'[fUXYX'ZYYXVUW\_"

 $\label{thm:limit} \begin{tabular}{ll} Hi fb]h]b gYh]b[. Hi]g Ugg][ba Ybh]g gi Va]hhYX hI fci [II]h fb]h]b UbX ghi XYbhg Wub gYY Hi fb]h]b g]a] Uf]h fydcfhg"$ 

#### 5ggYgga Ybh'& '9ggUm

@Yb[h\. %\$\$\$ k cfXg

#### 8YW]`q.

Ghi XYbhgʻk]``k f]hYʻUbʻYggUmfl%\$\$\$'k cfXgŁ'h\Uhi]XYbhjZ]Ygʻ% &`Wf]h]WU```YUfb]b[ 'a ca Ybhgʻh\YmYl dYf]YbWYX ]bʻh\Y`Wti fgY''H\YgY`Yl dYf]YbWygʻk]```VY`X]gW ggYX`Yl d`]W]hmi]bʻfY`Uh]cbʻhcʻWti fgY`WtbhYbhi]bʻcfXYfʻhc XYa cbghfUhY`Ubʻi bXYfghUbX]b[ 'cZ\_YmWtbWYdhg"

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

HY'YggUm]g'XiY'cb'' \$'5df]`'&\$&%'Uh'%%) - 'd"a "

 $\label{thm:conditional} \begin{tabular}{ll} Hi fb]h]b gYh]b [. Hi]g Ugg][ba Ybh]g gi Va]h X'h fci [ii]h fb]h]b UbX'gh XYbhg Wub gYY'Hi fb]h]b g]a]'Uf]h fydcfhg'' \\ \begin{tabular}{ll} Hi fb]h]b gYh]b [ii]h fill fb]h]b gYh]b [ii]h fill fb]h]b gYh]b gYY'Hi fb]h]b gYh fci [ii]h fci [ii]$ 

## 5 https://bxubww.Fyei]fyaybhg

Ghi XYbhg`UfY`ghfcb[`mYbWcifU[YX`hc`UhhYbX`U```WUggYg`UbX`fYj]Yk ```YWhifY`hY`wcfX]b[g'' All for the following of the follo

## 7ci fgY GWX YXi `Y

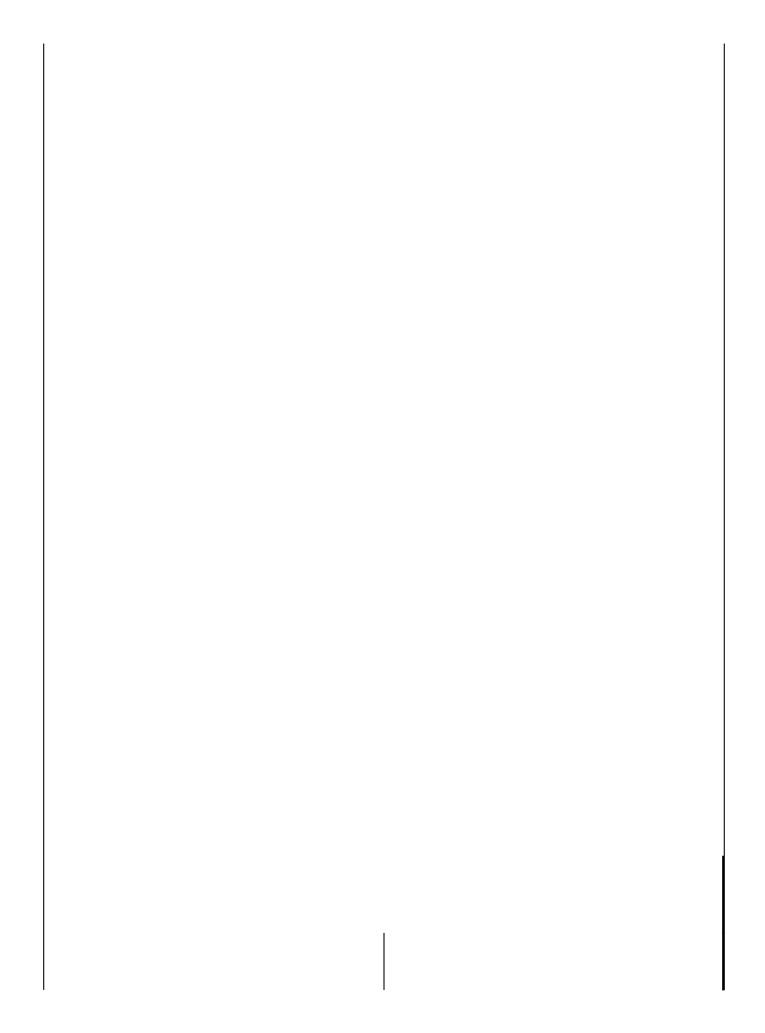
## J]Yk 'WUgg'ha YHUV'Y

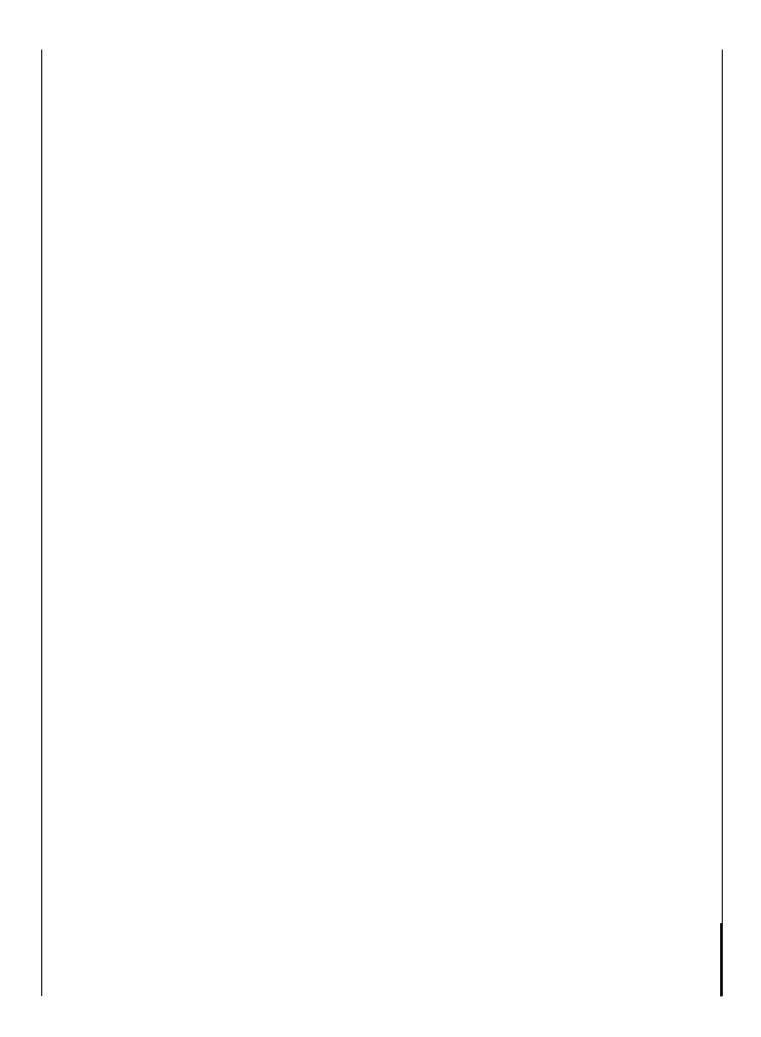
H]a YtUV`Y

8 UHY	HmdY	7 cbhYbh
K YY_'%'%) ': YVfi Ufm!'%- : YVfi Ufm	@YWh fY	<b>±ohfcXi Whjcb</b> fl YVfi Ufmi%*Ł
. I VII OIIII		H\]g`WUgg`k]```]blfcXi WY`h\Y`Wti fgYž`]XYbljZmgca Y cZ]lng`a U]b`ei Yglj]cbg`UbX`h\Ya Yg"`K Y`k]```X]gWigg lh\Y`Wti fgY`U]a g`UbX`]lng`cf[Ub]gUlr]cb"
		K Y'UfY'gcWjU``WfYUh fYgž'Vi hk \Uh']b'ZUWhXcYg'h\]g a YUb3''5bX''k \c'žcf']bXYYX''k \Uh'ža U_Yg'i d'h\]g 'k Y'3''H\YgY'UfY'hk c'VUg]Wei Ygh]cbg'h\Uhk]``Zcfa h\Y'Vi]`X]b['V`cW_g'cZci f'X]gW gg]cb'cj Yf'h\Y'bYI h ZYk 'k YY_g'''K Y'k]``VY[]b'Vm]XYbh]Zm]b[žUbX W\U``Yb[]b['gca Y'dfY!WbW']j YX']XYUg'UVci hh\Y gcWjU`'UbX'gcWjYhm]b'cfXYf'hc'XYhYfa]bY'k \Uh'k Y'a][\

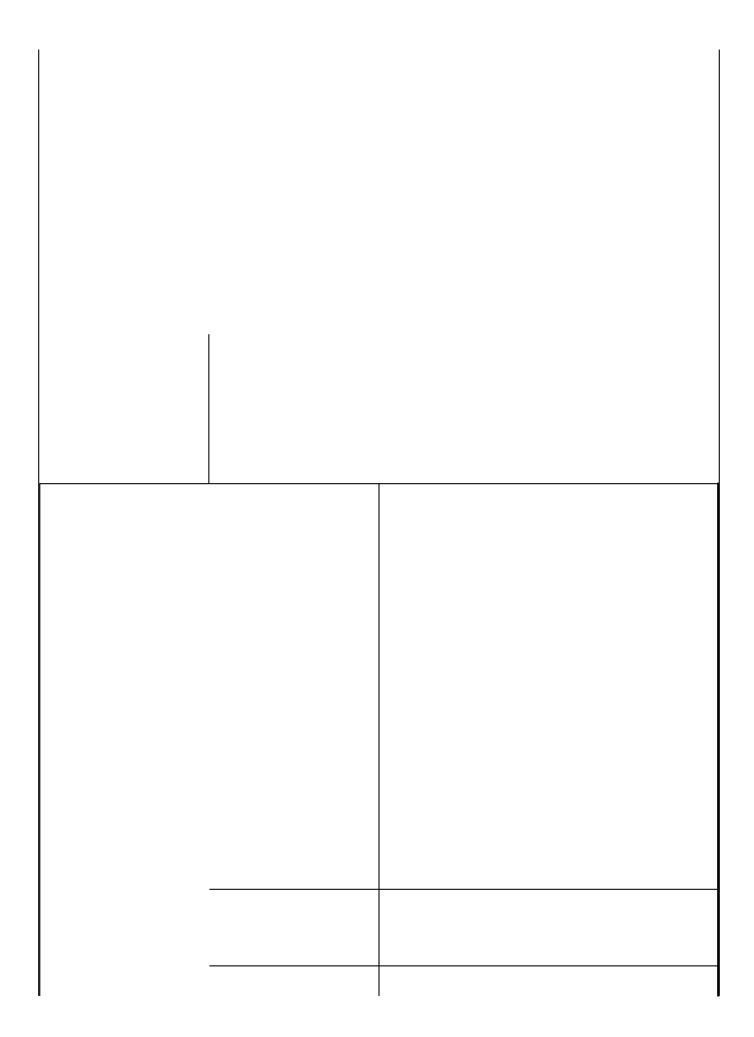
		mci f`fYUX]b[`dUW_`fUj U]`UV`Y`Zfca `h\Y`I BGK Vcc_g\cd`cf`cb`]bY`j ]U`A ccX`YŁ``A ]hW\Y```8i bY]Yf f%ŁfK \Yb`mci `[chtU`[cfiDd"`%+'!%+ ]b`E[VW'S'] ž`BYk `Mcf`: UffUfž`GhfUi gg`UbX`; ]fci I/ &Ł`7 ca d`YhY`h\Y`cb`]bY`UWNjj]hmcb`h\Y`A ccX`Y`g]hY"
K YY_'&.'&&': YVfi Ufm!'&*	@YWi fY	H\Y'GcWjc`c[]WU' = U[]bUhjcb'fl YVfi Ufm&' Ł  7 "K f][\hA]``g'f% %*!% *&L'k Ug'Ub'5a Yf]WUb gcWjc`c[]gh'' < ]g'Vcc_FZWEaU[a'aY[US^;_SY[Sf[a`]g'U'WJgg]WhYl h]b'gcWjc`c[]WU`h\]b_]b["'=n]g'cbY'cZ h\cgY'fUfY'Vcc_g'h\UhWUb'ghUbX'i d'hc'WcbhYa dcfUfm gWfi h]bm''=nU`gc'\Ug'h\Y'\cbci f'cZVY]b['h\Y']fgh fYUX]b['cZW\c]W'Zcf']bhfcXi Whjcb'hc'gcWjc`c[m Wci fgYg'UWfcgg'h\Y'9b[`]g\!gdYU_]b['k cf'X"'fbbX h\]g'Wci fgY']g'bc'Yl W'dhJcb'L'=ngYfj Yg'Ug'U dfcj cWUhjcb'rc'gcWjc`c[]WU`h\]b_Yfg'hc fYh fb'hc k\Uh'a UhhYfg']b'h\Y'ghi XmcZgcWjU``]ZY"'=n ]bhfcXi WYg'U'dYfgdYWhj YZ'bUa Y`mU''gcWjc`c[]WU` ]a U[]bUhjcb'Z'hc'UbU`mgY'h\Y'Wca d`Yl 'fY`Uhjcbg VYhk YYb']bX]j ]Xi U`'UbX'gcWjYhmZ'df]j UhY'hfci V`Yg'UbX di V`]W]ggi Yg"
	FYUX]b[	7 "'K f][\hiA]``g`f&\$\$\$%) - @''H\Y`Dfca]gY'`Dd"'' !%) ]b`FZWEaU[a'aY[US^;_ SY[`Sf[a` ž'C   ZcfX. 'C   ZcfX   b]j Yfg]miDfYgg"
	Hi hcf]U`	Hi hcf]U`!K YY_'&'@YWfi fY'UbX'FYUX]b['7cbhYbh K Y'k]``'UXXfYgg'UbmUXa]b]ghfUhjj Y'ei Ygh]cbg'mci a][\h\Uj Y''K Y'k]```X]gW gg'h\Y``YWfi fY'UbX'h\Y fYUX]b[gz'UbX']b'gc'Xc]b[z'k Y'k]``'hfmhc'Vi]'X'cb h\Ya Yg'zfca 'h\]g'k YY_'UbX``Ughk YY_'''
	C b`]bY'5Wfj ]fm < ca Yk cf_	GYY'A ccX'Y'Zcf'XYHJ]`g"  5 ZhYf'hi hcf]U`'h\]g'k YY_ž'Wca d'YhY  mci f'UZhYf!W'Ugg'k cf_Vcc_'Ybhfmhc'WcbWi XY'K YY_ &"
		5 ZhYfmci fih hcf]UžhU_Y gca Y ha Y hc fYZYWhcb k \Uhmci 'j Y "YUfbYX Zfca '7" K f][\ha ] `g UbX A ]hWXY \\ 8 i bY]Yf" 8 cYg A ] `g' dYfgdYWhj Y ghUbX i d i bXYfmci f gWfi h]bm3 < ck 'XcYg \Y \Y `d' i g hc fYZYWhcb h\Y bUhi fY cZh\Y 'gcW]U'3 8 cYg 8 i bY]Yf []j Y mci gca Y YI Ua d'Yg cZh\Y fY Uh]cbg\]d VYfk YYb 'df] UhY hfci V'Yg' UbX 'di V ]W]ggi Yg'3 F Yhi fb hc mci f k cf_Vcc_žUbX fY!fYUX mci f'dfYj ]ci g Ybhfm' F YZYWhcb mci f'YbhfmžUbX UXX UbmbYk ]bg][\hg" 5 j c]X XY Yh]b[ mci f'dfYj ]ci g k cf_ ]Zmci Z]bX h\Uhmci X]gU[fYY k]h\ k\Uhmci \Uj Y U`fYUXmk f]hhYb" F Ya Ya VYf'h\Uhmci f'k cf_Vcc_ ]g'U`]j ]b[ 'XcW a Ybh-']b ch\Yf'k cfXgžh\YfY ]g bc 'XYZ]b]hY 'f][\h'cf 'k fcb[' 'Ubgk Yf" Mci f'k cf_Vcc_ g\ci X W\Ub[Y UbX

		Yj c`j Y'Ug'mci f'h\]b_]b[ 'XcYg"
		DfYdUfY 'mci f'VYZcfY!WUgg'k cf_Vcc_'Ybhfmi]b UXj UbWY cZK YY_'' fig'@YWh fY"
		Mci a ][\hWcbg]XYf\ck 8if_\Y]a 'g'i bXYfghUbX]b[cZh\Y'gcW]U'X]ZYfg'Zfca 'dgmW\c`c[]\W''cf 'V]c`c[]\W''i bXYfghUbX]b[g'cZh\Y'gcW]U'3 < ck 'XcYg\Y'XYZ]bY'cf'i bXYfghUbX'h\Y'gh XmcZgcW]c`c[m3''=g]h'd\]`cgcd\]\W''cf''g\WYbhZ]\W']b']hg'UddfcU\W\3 FYZY\Micb'h\YgY'ei Ygh]cbgž'UbX'k f]hY mci f fYZY\Micb'h\YgY'ei Ygh]cbgž'UbX'k f]hY mci f fYZY\Micb'g']b'mci f'k cf_\Vcc_"''\Vci a ][\hU`gc'hfmhc a U_Y'gca Y'\Cb\bY\Micbg'fUbX']XYbhZmdcgg]\VY gci f\W'g'cZX]gU[fYYa YbhLVYhk YYb'8i f_\Y]a ž 8i bY]Yf'UbX'A]``g']Zmci \W\b"
K YY_" ."%"A UfWX"!") A UfWX	@YWhifY	GcWJU`: UWrg'UbX'GcWJU`6cbXg'fA UfWX'&Ł
		¥a]`Y`8if_\Y]a`f\),!% %+Ł`]g`k]XY`mWcbg]XYfYX hc`VY`cbY`cZh\Y`_YmZcibXYfg`cZh\Y`X]gW]d`]bY`cZ GcW]c`c[m'' <y`]bui[ifuhyx`h\y`z]fghcz]w]u``w\u]f`]b \]g`wcbhf]vih]cbg`hc`h\y`x]gw]d`]by`czgcw]c`c[m]g`u="" fcvighxyzybwf`czgcw]yhmug`u`'fyu`]hmeg[yw`wd[e<="" gcw]c`c[m'uhih\y`gcfvcbby`]b`duf]gž:fubwf''``cby`cz="" td=""></y`]bui[ifuhyx`h\y`z]fghcz]w]u``w\u]f`]b>





	a ][ \h'\Uj Y"'K Y'k ]``'X]gW gg'h\Y'`YWi fY'UbX'h\Y fYUX]b[ gž'UbX']b'gc'Xc]b[ žk Y'k ]``'Ifmhc'Vi ]`X'cb h\Ya Yg'Zfca 'h\]g'k YY_'UbX``Ughk YY_"'
<ca cf_<="" td="" yk=""><td>5.ZhYf'hi hcf]U`h\]g'k YY_ž'Wca d`YhY mci f'UZhYf!WUgg'k cf_Vcc_'Ybhfmhc'WcbWi XY'K YY_ ) "</td></ca>	5.ZhYf'hi hcf]U`h\]g'k YY_ž'Wca d`YhY mci f'UZhYf!WUgg'k cf_Vcc_'Ybhfmhc'WcbWi XY'K YY_ ) "
	FYZYWncbk\Uhmci\UjY



		K Y'k]``'UXXfYgg'UbmUXa]b]glfUlf]jY'eiYglficbg'mci a][\h\UjY"'KY'k]``'X]gW gg'lhY``YWfifY'UbX'lhY fYUX]b[gž'UbX']b'gc'Xc]b[ž'kY'k]``'lfmlmc'Vi]'X'cb lhYaYg'Zfca'lh]g'kYY_'UbX'`UghkYY_"'
K YY_'%\$.'%-'5df]`'!'&' 5df]`	@YWhifY	7CB7@IG€B. <i a="" ubgʻf5df]`<br="" ubg′bcb!<i="">&amp;\$Ł</i>
		>]a '>c\bgcb']g'h\Y'dgYi Xcbma 'UXcdhYX'Vm6fi bc @Uhci f'fl/"% (+\Ek\c']g'U: fYbWk'GcWjc'c[]gh''H\]g Uffj\WY'Wcbg]XYfg'h\Y'gcWjU']hmcZbcb!\i a Ubgž'UbX']g U'dfcj cWUhj Y'WkU'Yb[Y'hc'U'a U]bghfYUa 'gcWjc'c[m h\Uh'ZcW'gYg'U'a cghYbhjfY'mcb'\i a Ub'gcWjU']hm'' H\Y'bcb!\i a Ub']b'ei Yghjcb']g'Ub'Ui hca UhjWXccf WcgYf''-'UbX']b'\]g'X]gW'gg]cbž'>c\bgcb#@Uhci f YI d'cfYg'gca Y'cZh\Y'k Umg'h\Uh'\i a Ubg'UbX'bcb! \i a Ubg'UfY']a d']WUhYX']b']bhf]bg]WU'mgcWjU' fY'Uhjcbg\]gd"''@Uhci f'UXcdhg'h\Y'dgYi Xcbma 'Ug'U fYgdcbgY'hc'U'fYei Ygha UXY'Vmh\Y'9X]hcfg'cZh\Y 5a Yf]WUb'ci fbU'EaU[S^BdaT'W_e h\Uh'\Y'fYa cj Y'cWUhjcbg'UbX'd'UWY'bUa Yg']b'h\Y'Uff]WY'VYWUi gY'- ]b'\]g'k cfXg'-''bc'5a Yf]WUb'gcWjc'c[]ghj]g'k]'']b['hc fYUX'h\]b[g'h\UhfYZYf'hc'gdYWjZ]Wd'UWY'g'UbX'hja Yg k\]W\'UfY'bch5a Yf]WUb'f\c\bgcb'%-, .'\\$(\E'''\G\bX\k\c'gUmg'gcWjc'c[]ghg'Xcb'h\UjY'U'gYbgY'cZ\i a cf3Q
	F YUX]b[	>]a '>c\bgcb'@"_"U"'6fi bc'@Uhci fQf1%-, , Ł"'A ]I ]b[ <i a="" ubg'hc[yh\yf.''h\y'gcw]c`c[m<br="" ubg'ubx'bcb\i="">cZU'8ccf!7`cgYf"'EaU[S^BdaT'W_e'')fl Ł'&amp;-,!' %\$ f9I WYfdhgŁ"</i>
	I.E. L. CH.S	
	Hi hcf]U`	K YY_'%\$'@YWhi fY'UbX'FYUX]b['7cbhYbh  K Y'k]```X]gWigg'`YWhifY'h\YaYg'UbX'h\Y'fYUX]b['Zcf' K YY_'%\$"

## F Yaci fWya

### DfYgWf]VYX F Ygci fWfg

 $Df]bhWcd]Yg`cZhY`kYY\_`mUgg][bYX`fYUX]b[g``UjY`VYYb`Wcad]`YX`]bhc`Ub`f&FHG%+$`GhXm'?]hfik `]WX`]gUjU]`UV`Y`Zcf`difWXUgY`Uh'hY`IBGK`6cc_g\cd"``9`YWfcb]WWcd]Yg`cZhY`fYUX]b[g`UfY`U`gc`UjU]`UV`Y`cbhY`5FHG%+$`AccX`Y`dU[Y.`\htd.#accX`Y`hY`f'ibak "YXi"Ui$ 

#### FYWca a YbXYX FYgci fW/g

## 7 ci fgY 9j U`i Uh]cb UbX 8 Yj Y`cda Ybh

Ghi XYbhZYYXVUW\_rk]```VY'[Uh\YfYX'h\fci[\a m9I dYf]YbWY'gi fj Ymgž'UbX'mci 'k]```VY'[]j Yb'cddcfhi b]hJYg h\fci [\ci hh\Y'gYa YghYfhc'[]j Y']bZcfa U``ZYYXVUW\_"'H\]g Wci fgY'fYWY]j YX'YI WY``YbhZYYXVUW\_Zfca ``Ugh mYUffig'Wc\cfhicZghi XYbhg']b'&\$&\$'fXYgd]hY'h\Y'UVfi dhg\]Zhhc'cb`]bY'`YWh fYg'UbX'hi hcf]U`g'a ]Xk Umh\fci [\h\Y'hYfa Ł"'=\Uj Y'Wca a ]hYX'hc'h\Y'Zc``ck ]b[/

 $\%'' 7 cbh/bh! = \Uj Y a cX] \underline{Z} Y X h Y Wcbh/bh] b cfXYf hc df] j Y [ Y XYdh fUh Yf h Ub VfYUXh [ ] j Yb h Y dfYggi fYg cZh Y hf] a Ygh/f gmgh/a "$ 

&"'5bbci bW'a Ybhg'! '=k ]``i d`cUX'j ]XYc'gY[ a Ybhg'hc'A ccX`Y']b'cfXYf'hc'UXXfYgg']ggi Yg'fY`UhYX'hc UggYgga Ybh'UbX'Wci fgY'Vi g]bYgg"'H\]g'k ]``[ ]j Y'i g'a cfY'ha Y']b'`YWf fYg'hc'X]gW gg'Wci fgY'WcbhYbh'

'"'7`Ugg'5Wfjj]hjYg'!'=k]``'WcbhjbiY'hc'h\]b\_'cZbYk'UbX'YIWjhjb['WUggfcca'UWfjj]hjYg'UbX'YIdYf]aYbhg'Zcfcb`]bY'UbX': &: 'XY`]jYfm"

=j Yfma i W. 'UddfYW]UhY 'h. ]g 'ZYYXVUW\_ž'UbX '`cc\_'Zcfk UfX 'hc']a d`Ya Ybh]b[ 'h. YgY'gi [ [ Ygh]cbg']b '&\$&%''6YghYg'UbX 'YI

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g Hi fb]h]b Gi Va ]gg]cb

⊋mci 'YbWci bhYf'U'dfcV`Ya 'k \Yb'UhhYa dh]b[ 'hc'gi Va ]h'mci f'Ugg][ ba Ybh'h\fci [ \'Hi fb]h]bž'd`YUgY

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

D`U[]Uf]ga i]gii g]b[ih\Yik cfXgicfi]XYUgicZch\YfgiUbXidfYgYbh]b[ih\Ya iUgimci fick b"i=hWJbihU\_Yia Ubm Zcfa gžZfca iXYi]VYfUhYiWXYUh]b[ihciUWW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hiUW\_bck iYX[Ya Ybh'

IBGK [fcidg'd'U[]Uf]ga ]bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

• i bXYfgHJbX'mci f'f][\hg'UbX'fYgdcbg]V]`]h]Yg'Ug'U'gh XYbh'Uhil BGK