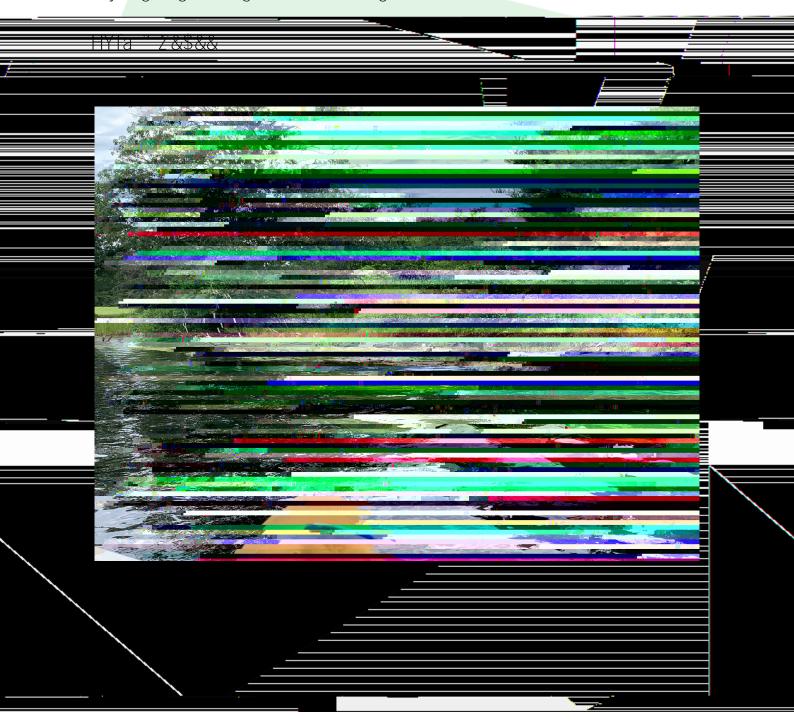


# **CVEN9620**

F]jYfgž'9gh Uf]Yg'UbX'K YhUbXg



## 7ci fgY Cj Yfj ]Yk

#### GHJZ:7cbHJWh8YHJ]`g

#### 7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]hm	@cWUh]cb	D\cbY
?f]ghYb`Gd`]bhYf	<u>"gd`]bhYf4 i bgk "YXi "Ui</u>	VmUddc]bha Ybh	A Ub`mJ U`Y 7 Ua di g A U]b 5 Xa ]b 6 X[	\$&, \$+%-, ( )

#### @YWhi fYfg

BUa Y	9a U]`	5j U]`UV]`] <b>m</b>	@cWUh]cb	D\cbY
K ]``]Ua '; `Ua cfY	k "[`Ua cfY4 i bgk "YXi "Ui	VmUddc]bha Ybh	A Ub`mJ U`Y 7 Ua di g A U]b 5Xa ]b 6i ]`X]b[	

#### GWkcc~7cbhJWh~abZcfa Uh]cb

<u>9b[]bYYf]b['Gh'XYbhGiddcfhGYfj]WYg'-</u>'H\Y'BiWYig'!'Ybfc`a Ybhž'dfc[fYgg]cb'W\YW<u>g</u>ž'WUg\'fYei Yghgž WcifgY']ggi Yg'cf'dfc[fUa!fY`UhYX'ei Yf]Yg'

9b[]bYYf]b[]=bXi glf]U``HfU]b]b[]---=bXi glf]U``lfU]b]b[] ei Yglfcbg

<u>I BGK "Gh Xm5VfcUX"</u>—gh XmUVfcUX gh XYbhYbei ]f]Yg fZcf ]bVci bX gh XYbhgŁ

<u>I BGK '91 WXUb[Y</u>'-gh XYbhYl WXUb[Y'Ybei]f]Yg'fZcf']bVci bX'gh XYbhgŁ'

LBGK: i h fY'Gh XYbhg'-'dchYbhJU``gh XYbhYbei ]f]Yg'Y"[ "'UXa ]gg]cbgž'ZYYgž'dfc[ fUa gž'WfYX]hhfUbgZYf'

#### D\cbY.

fŽ\*%'&Ł'-',) ',) \$\$'-Bi WYi g'Ghi XYbh<i V'

fŽ\*%%&L'-',) '+\*\*%'-'9b[]bYYf]b['=bXi qlf]U`'HfU]b]b['

fŽ\*%%&£'-',) " %+- '-1 BGK 'Gh Xm5VfcUX'UbX'1 BGK '91 WXUb[Y'fZcf']bVci bX'gh XYbhg£'

## 7ci fgY 8YHJ] g

#### I b]hg~cZ7fYX]h~\*

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

H\]g`Wci fgY`]bhfcXi WYg'h\Y`ghi XYbhhc`Yb[]bYYf]b[`WcbWYdhg`fY`UhYX`hc`F]j Yfgž9ghi Uf]YgžUbX`K YhUbXg" Hcd]Wg`Wcj YfYX`]bWi XY`GYX]a YbhHfUbgdcfhih\Ycfm'F]j Yf; Yca cfd\c`c[m'F]j Yf'9b[]bYYf]b[`UbX A UbU[Ya Ybh'-b`Yhg`UbX`9ghi Uf]Yg/K UhYf`E i U`]hmA cXY``]b[ /UbX`K YhUbXg"'`A cXY`g`Zcf`fci h]b[`cZZck g U`cb[`W\UbbY`g`UbX`f]j Yfg`k]```VY`dfYgYbhYX`]bWi X]b[`a cXY``h\YcfmžgY`YWnJcbžWU`]VfUhJcbžj U`]XUhJcbžUbX fY`]UV]`]hm''7 cbWrdhg`]bWi X]b[`Yghi Uf]bY`WUgg]ZJ\WJhJcb`UbX`XYbg]lmighfi Whi fY/hJXYgžik UhYf``Yj Y``fYgdcbgYž a ]l`]b[`dfcWrggYg`UbX`Zi g\]b[`cZYghi Uf]Yg/Yghi Uf]bY`X]ZZYfYbWr'a cXY`g`]bWi X]b[`\mXfcXmbUa]W ghfUhJZJ\WJhJcb`UbX`U`[U``XmbUa]Wg/fUbXca`k U`\_`UbX`Vcl`a cXY`g/V]cWXYa]\WJ`dfcWrggYg`]b`Yghi Uf]Yg`UfY U`gc`dfYgYbhYX"

#### 7 ci fgY 5]a g

 $H\ [g'Wc'\ fgY']bfcXi\ W'g'h\ Y'gh'\ XYbh'hc'Yb[\ ]bYYf]b[\ 'WcbW'dhg'fY`UhYX'hc'F\ ]j\ Yfgz'9gh'\ Uf]Ygz'UbX'K\ YhUbXg''$ 

± h\Y`F]j Yfg`gYWf]cb`cZh\Y`Wti fgYžghi XYbhg`k]```[U]b`U`dfcZYgg]cbU``i bXYfghUbX]b[`cZgYX]a YbhihfUbgdcfh h\Ycfmžf]j Yf`[Yca cfd\c`c[mža Yh\cXg`cZa YUgi f]b[`UbX`WU`W``Uh]b[`Zck `UbX`f]j Yf`X]a Ybg]cbgž'UbX`f]j Yf Yb[]bYYf]b[#a UbU[Ya Ybh]bWi X]b[`h\Y`XYg][b`cZf]j Yf`Wcbhfc``ghfi Whi fYg"

#Jith Ying in Urily gigy Which ic Zith jig Wei if gy žighi XY bhg ik jimi Urily Uridfo Zy ggjobu ii b XY fghub Xjb [ic Zith Yiwe ad Yliyb jifoba Ybhith Uhiuf Yiyghi Urily gžijb Wilib Xjb [it ji Xu ii Xmbua ji Wgži XY bgji mži Yghi Urijb Yiwuggj Zjwuhjob žigu ijb jimž hifoly Xjmži Ub Xijb Yhghuy jimi 5 igo ijb Wili XY Xijg Ui Xjg Wiggjob ic Zki Uh Yirei Uijma ac XY igi Zofia chjob ic Zdo ii hubh Wobghjhi Ybhg ijb Wiliub Yigi Ub Xifji Yfg "H\ YgY a c XY igi k jimijb Wili XY id ii [! Zoki a Yth c Xgži Ub Xi UXji Ywhjob! Xjgd Yfgjob ia c XY igi jb Voh iu Woli di YX iub Xii b Woli di YX igjhi Uhjob "H\ Yi Woli fgY ijb Wili XYg XY huji YX i XYg Wfjdhjob ic Zhhog Yidhin yo yo ka jimijob in Xii yo ka yo ka jimijob in Xii yo ka yo

#D'IN'NY'K YNUbXg'gYW]cb'cZh\]g'Wci fgYž'h\Ycfm`YUfbYX'k]h\]b'IN'Y'F]j Yfg'UbX'9gh Uf]Yg'gYW]cbg'UfYUdd`]YX'UbX'X]gW ggYX'k]h\]b'IN'Y'WcbhYI hcZk YNUbX'XYg][ bžfYghcfUh]cb'UbX'fY\UV]`]hUh]cb''Ghi XYbhg'k]``[ U]b'Ub'i bXYfghUbX]b[ ']bhc'h\Y'gY`YW]cb'cZbi a Yf]WU`'a cXY`g'Zcf'fci h]b[ 'Zck g'U`cb[ 'h\Y'W\UbbY`g'UbX f]j Yfg']b'U'WUhW\a YbhXfU]bU[ Y'bYk cf\_"

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

5 ZHYf'gi VWWggZi ``m'Wca d`Yh]b[ 'h\]g'Wci fgYžmci 'g\ci `X'VY'UV`Y'hc.

@YUfb]b[ 'Ci HWca Y	95 GHJ[Y %7ca dYhYbW]Yg
%".7 U`W`UhY'i b]X]fYW]cbU`gYX]a YbhilfUbgdcfhUbX'X]ZYfYbh]UhY VYlk YYb'h\Y'j Uf]ci g`a cXYg`cZgYX]a YbhilfUbgdcfhYl dYWYX']b F]j Yfgž'9gh Uf]Ygž'UbX'K YhUbX'gmghYa g`f]bWi X]b[ 'W\UbbY`gŁ	D9%"%žD9&"%
&"`8YgW]VY`h\Y`_Ymd\mg]WU``UHrf]Vi HYg`UggcW]UHYX`k]h\`F]jYfgž 9ghi Uf]Ygž'UbX`K YhUbX`gmgHYag"	D9%"&ž <sup>*</sup> D9&"&
' "'Gmbh\Yg]gY'UbX']bhYfdfYhUj U]`UV`Y'XUhU'Zcf'U``Uf[ Y'f]j Yf'UbX Ygh UfmgmghYa 'hc'Wca dcgY'U'\][\'ei U']hmYb[ ]bYYf]b[ 'fYdcfh	D9%"&ž'D9&"' ž'D9' "&ž'D9' "(

@YUfb]b[ 'Ci <b>HW</b> ca Y	95 GHJ[Y %7ca dYHYbW]Yg
("'8Yg][b']XYU`]nYX'W.UbbY`g'UbX'f]j Yf'gmghYa g'i g]b['Vch\ ghUbXUfX'Yb[]bYYf]b['XYg][b'dfUWf]W''UbX'Vi]'X]b['k]h\'bUhifY WcbWfdhg"	D9%"*
) "'Gc`j Y'k UhYf'ei U`]hm'UbX'X]gdYfg]cb'dfcV`Ya g'i g]b[ 'bi a Yf]\W\) a cXY`g'UbX'Ya d]f]\W\)`'Yei Uh]cbg'Zcf'dc``i hUbh'X]gdYfg]cb'UbX'f]j Yf Zck	D9%") ž'D9&"' ž'D9' "%

## HYUW ]b[ 'GhfUhY[ ]Yg'

## 5ggYgga Ybh'Wf]hYf]U

D`YUgY`gYY`A ccX`Y"

# 5 http://bxubww.F.Yei ]fYa Ybhg

 $\hbox{Ghi XYbhg'UfY'ghfcb[`m`YbWc'i fU[YX'hc'UhhYbX'U```WUggYg'UbX'fYj]Yk'``YWhfY'fY'WcfX]b[g''' } \\$ 

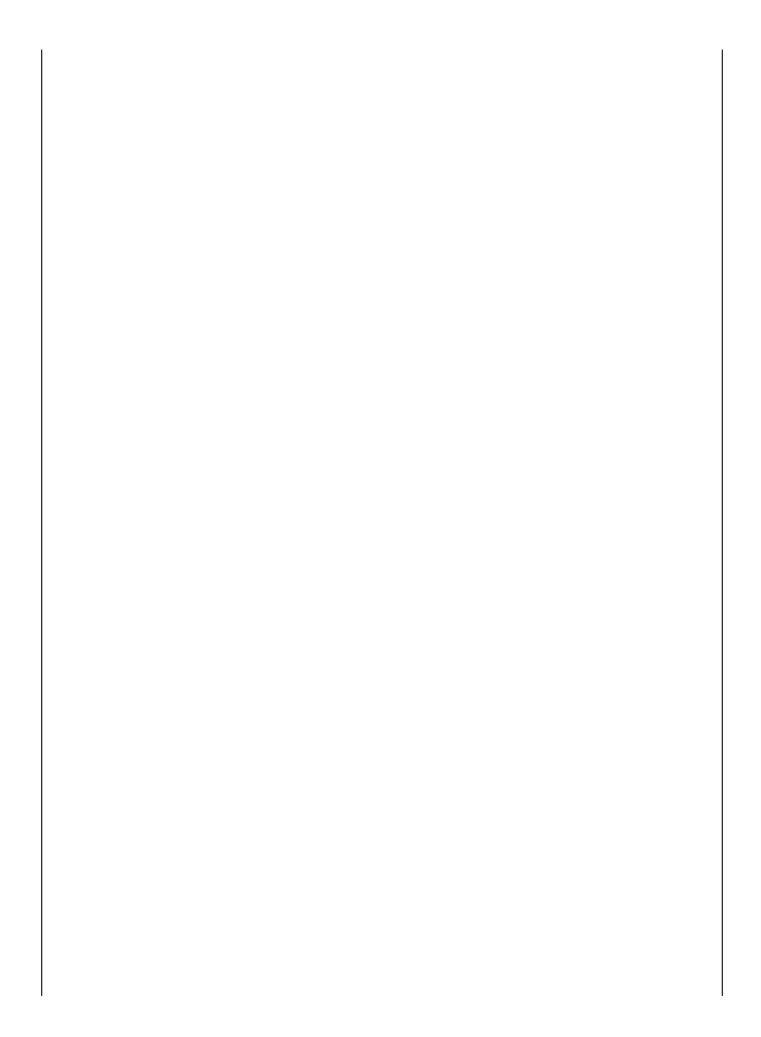
## 7ci fgY GWX YXi `Y

 $\label{eq:decomposition} D`YUgY`gYY`A\ ccX`Y`Zcf`k\ YY\_!hc!k\ YY\_]bZcfa\ Uh]cb`cb`h\Y`Wci\ fgYz``UVgz`UbX`Ubm`ZY`X`hf]dg''$ 

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

## H]a YHJV`Y

8 UhY	HmdY	7 cbhYbh
C!K YY') 'GYdhYa VYf'! - 'GYdhYa VYf		
K YY_'%'%'GYdhYa VYf !'%*'GYdhYa VYf	GYa ]bUf	@YWi fYf. K ]``; `Ua cfY"
! % Graira vri		Hcd]Wg <sup>·</sup> 7cj YfYX.
		7 ci fgY`±blfcXi Wfjcb`UbX`VUg]Wg`]bhc`\mXfUi`]Wgž \mXfc`c[miUbX`\mXfcXmbUa]Wg"`
		K Y`dfcj]XY`U`[YbYfU``cjYfj]Yk `cZh\Y`WtifgY`UbX U`V][`d]WhifY`cZf]jYf`UbX`YghiUf]Yg"
		GdYWJZJWhcd]Wg'Wcj YfYX']bWi XY'cdYb'WkUbbY`'Zck UbX'WkUbbY`XYg][ b"''5b'Yl Ua d'Y'f]j Yf']g XYgWf]VYX'hc'\][\`][\hj Uf]ci g']ggi Yg'Wcj YfYX']b h\Y'Wci fgY"
		7 UgY Ghi X]Yg. ' <i '9ghi="" bhyf="" f]j="" td="" ufm<="" yf=""></i>
		Ghi XYbhgʻk]``'VYʻUg_YXʻhcʻXYgWf]VYʻU F]jYf#9ghi UfmcZh\Y]fʻW\c]WYʻXi f]b[ʻh\Y ]bhYfUWnjjYʻdcfh]cbʻcZh\YʻgYa]bUf"
K YY_'&.'% 'GYdhYa VYf !'&' 'GYdhYa VYf	GYa ]bUf	<b>@YWi fYf</b> . '5#DfcZ?f]ghYb'Gd`]bhYf
! & GTUIFA VII		Hcd]W'GYX]a Ybh'HfUbgdcfh'H\Ycfm']b'F]j Yfg'UbX 9gh Uf]Yg
		H\fYg\c`Xg`cZgYX]a Ybha chcbž6YX``cUXž'UbX Gi gdYbXYX``cUX"
		H]a Y'hc'[c'cj Yf'h\Ycfmei Ygh]cbg'Zfca 'hcXUmfig 'YWn fY'dcfh]cb']g'[]j Yb"'
		5b'cddcfhi b]hmhc'j ]g]hh\Y'GYX]a YbhhfUbgdcfh`UV ]b'J U``Ybh]bY'5bbYl Y'a Um'U`gc'VY'[]j Yb"'



		XYfU]`g"`
K YY_"+."&( "C WhcVYf"! &, "C WhcVYf	GYa ]bUf	@YWhi fYf. 5#DfcZK ]```; `Ua cfY
a, CVVCVII		Hcd]W'±o`Yhg'UbX'Yghi Uf]Yg
		±olfcXi Whjcbihci9ghi Uf]bYi <mxfcxmbua ]wgiubx<br=""><mxfui cxyii]b[<="" i]wa="" td=""></mxfui></mxfcxmbua>
		%f'-'; i Ygh`YWhi fY'cb'5bU`mh]WU``A cXY``]b['cZ 9ghi Uf]Yg
		Gh XYbhg'k ]```cc_'UnVi ]`X]b[ 'U'a cXY`'WUgY gh X]Yg'Ug'dUfhcZh\Y'gYa ]bUf#k cf_g\cd
		łK UhYf'Ei U`]hm'5gg][ ba Ybh'fY`YUgYX
K YY_', .'' %'C WcVYf'!'( Bcj Ya VYf	GYa ]bUf	@YWhi fYf. 5#DfcZK ]```; `Ua cfY
BCJ Ya VYI		Hcd]W'K UhYfei U`]hmUbX'7cbhUa ]bUbhZJhY
		9gh Uf]bY`UbX`F]j Yf]bY`K UhYf`E i U`]hm
		%\f'-'; iYgh@YWnfY'cb'KUhYfEiU`]hmAcXY`g
		K UhYfei U`]hm'WUgY`ghi X]Yg`Zcf`f]j Yfg.`UW]X`gi `ZUhY gc]`gž`D: 5G`UbX`ci hZU``g
K YY_''+'Bcj Ya VYf'!	GYa ]bUf	@YWhifYf. '5#DfcZ?f]ghYb'Gd`]bhYf'UbX'H68
%%Bcj Ya VYf		Hcd]W'; YcgdUh]U`a Yh\cXg'Zcf'f]j Yf'UbX'Ygh Uf]bY a UbU[Ya Ybh
		FYachY`gYbg]b[`]b`YghiUf]Yg`UbX`f]jYfg"`
		5ddfcUWXYgʻZcfʻei UbhJZmJb[ʻZccXd`U]bʻXmbUa ]Vgʻzf]j Yfʻk ]Xh\ž'VUh\ma Yhfmžf]j YfʻZck ž'k UhYfʻei U`]hmfl

# FYgci fWYg

# DfYgWf]VYX F Ygci fWYg

- H\YfY`]g`bc`fYei ]fYX`HYI Wcc\_'Zcf`H\]g`Wci fgY"
  Gh XYbhg`UfY`YbWci fU[YX`hc`fYj]Yk `XcW a Ybhg`UbX`HYI Wcc\_g`gi [ [YgHYX`]b`a ccX`Y"

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

D`YUgY`fYZYf`hc`h\Y`A ccX`Y`dU[Y`cZh\Y`Wci fgY`Zcf`Z fh\Yf`[i]XUbW\`cb`UggYgga Ybhigi Va]gg]cb"

#### I BGK `\Ug`U`ghUbXUfX``UhY`gi Va ]gg]cb`dYbU`hmcZ

• )ı 'dYf'XUmž'Zcf'U``'UggYgga Ybhg'k \YfY'U'dYbU'hm'Udd`]Ygž'WUddYX'Uh'Zjj Y'XUmg'f1%&\$`\ci fg\z'UZhYf k\]WX'U'ghi XYbh\WUbbchgi Va ]h'Ub'UggYgga Ybhž'UbX'bc'dYfa ]hhYX'j Uf]Uh]cb"

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

6Yk UfY "5b" Ugg][ ba Ybhh\Uh]bWi XYg"d`U[ ]Uf]gYX"a UhYf]U``k ]```fYWY]j Y"U"\$ı ': U]`žUbX`ghi XYbhg`k \cd"\U[ ]Uf]gY\"a UmZU]``h\Y'Wci fgY"'Ghi XYbhg`k \cd"\U[ ]Uf]gY\"UfY\"U`gc"`]UV`Y'hc"X]gW]d`]bUfm'UWf]cbž]bWi X]b[YI Wi g]cb'Zfca 'Ybfc`a Ybh'

 $D`U[]Uf]ga ~]g'hY'i gY'cZUbch\Yf'dYfgcb'g'k cf\_'cf']XYUg'Ug']Zh\Ymk YfY'mci f'ck b'''K ~Yb']h]g'bYWYggUfmcf XYg]fUV'Y'hc'i gY'ch\Yf'dYcd'Y'g'a UhYf]U`'mci 'g\ci `X'UXYei UhY`mUW_bck `YX[Y'k \cgY'k cfXg'cf']XYUg'h\Ym$ 

# 5WUXYa]W±bZcfaUhjcb

: ]bU``9I Ua ]bUh]cbg.

# 5ddYbX]I . '9b[]bYYfg'5i ghfU`]U'f95Ł'DfcZYgg]cbU` '9b[]bYYf'7ca dYhYbWm GHJbXUfX

Dfc[fUa =bhybXYX=@YUfb]b[ 'Ci hWca Yg	
?bck `YX[Y`UbX'g_]```VUgY	
D9%"%7ca dfY\Ybg]j Yž'h\YcfmVUgYX'i bXYfghUbX]b[ 'cZh\Y'i bXYfd]bb]b[ 'bUhi fU`'UbX d\mg]\WJ`'g\WJYb\Wg'UbX'h\Y'Yb[ ]bYYf]b[ 'Z bXUa YbhJ`g'Udd`]\WJV`Y'hc'h\Y'Yb[ ]bYYf]b[ 'X]g\WJd`]bY	
D9%"&"7cbWYdh U``i bXYfgHJbX]b['cZh\Y'a Uh\Ya Uh]Wgžbi a Yf]WJ``UbU`mg]gžgHJh]gh]Wgž'UbX Wca di hYf`UbX`]bZcfa Uh]cb'gW]YbWYg'k\]W\'i bXYfd]b'h\Y'Yb[]bYYf]b['X]gW]d`]bY	
D9%" '=b!XYdh\'i bXYfghUbX]b['cZgdYW]U`]ghVcX]Yg'cZ_bck `YX[Y'k]h\]b'h\Y'Yb[]bYYf]b[X]gW]d`]bY	
D9%'( '8]gWfba YbhcZ_bck `YX[ Y 'XYj Y`cda YbhUbX'fYgYUfWX 'X]fYWf]cbg'k ]h\]b'h\Y Yb[ ]bYYf]b[ 'X]gW]d`]bY	
D9%) '? bck 'YX[Y'cZYb[]bYYf]b[ 'XYg][b'dfUWjWY'UbX'WcbhYl hi U`'ZJWcfg']a dUWjb[ 'h\Y Yb[]bYYf]b[ 'X]gWjd`]bY	
D9%"* I bXYfgHJbX]b[ 'cZh\Y'gWcdYž'df]bW]d`Ygž'bcfa gž'UWVci bHJV]`]h]Yg'UbX'Vci bXg'cZ gi gHJ]bUV`Y'Yb[ ]bYYf]b[ 'dfUWfJWY']b'h\Y'gdYW]ZJWX]gW]d`]bY	
9b[]bYYf]b['Udd`]WUh]cb'UV]`]hm	
D9&"%5dd`]WUh]cb`cZYgHUV`]g\YX`Yb[]bYYf]b[`a Yh\cXg`hc`Wca d`Yl `Yb[]bYYf]b[`dfcV`Ya gc`j ]b[	
D9&"&": `i YbhiUdd`]WUh]cb'cZYb[]bYYf]b['hYVXb]ei Ygžhcc`g'UbX'fYgci fWYg	
D9&" '5dd`]WUh]cb`cZgmghYa Uh]WYb[]bYYf]b[`gmbh\Yg]g`UbX`XYg][b`dfcWYggYg	
D9&"('5dd`]WUh]cb'cZgmghYa Uh]WUddfcUWXYg'hc'h\Y'WcbXi WhUbX'a UbU[Ya YbhcZYb[]bYYf]b[dfcYWng	
DfcZYgg]cbU`'UbX'dYfgcbU`'Ultf]Vi hYg	
D9' "%'9h\]WU`'WcbXi Wh'UbX'dfcZYgg]cbU`'UWWci bHJV]`]hm	
D9' "&'9ZYWAj Y'cfU`'UbX'k f]MYb'Wcaaib]WUAjcb']b'dfcZYgg]cbU`'UbX'`Um'XcaU]bg	
D9' "' '7 fYUhjj Yž']bbcj Uhjj Y'UbX'dfc!UWhj Y'XYa YUbci f	
D9' "( 'DfcZ/gg]cbU`i gY'UbX'a UbU[ Ya YbhcZ]bZcfa Uh]cb	
D9' ") 'C fXYf'mia UbU[ Ya YbhcZgY`Zi'UbX`dfcZygg]cbU``WcbXi Wh	
D9' "* '9ZZYWNjj Y'NYUa 'a Ya VYfg\]d'UbX'NYUa 'YUXYfg\]d	