



MTRN4110

F cVch8Yg][b

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

GWcc`cZA YWUbjWU`UbX`A Ubi ZUW`f]b[`9b[]bYYf]b[`..##`I BGK `9b[]bYYf]b[

7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

9a U]

[9b\[\]bYYf\]b\[\]Gh.XYbhGi ddcfhGYfj \]Wg](#) - W ffYbhghi XYbhYbei]f]Yg

- Y"["Ybfc`a Ybž`dfc[fYgg]cbžWUg\`fYei YgržWci fgY`]ggi Yg`cf`dfc[fUa !fY`UhYX`ei Yf]Yg

[9b\[\]bYYf\]b\[\]Xigf\]U`HfU\]b\]b\[\]](#) - Xigf]U`HfU]b]b[]ei Ygh]cbg

[L.BGK`Gh.Xm5VfcUX`](#) - gh.XmUVfcUX`gh.XYbhYbei]f]Yg`fZcf`]bVci bX`gh.XYbhgŁ

[L.BGK`9I.WUUb\[Y`](#) - gh.XYbhYI.WUUb[Y`Ybei]f]Yg`fZcf`]bVci bX`gh.XYbhgŁ

[L.BGK`:\]h`fY`Gh.XYbhg](#) - dchYbh]U`gh.XYbhYbei]f]Yg

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhtg '*`

Gi a a UfmcZhY'7 ci fgY

H\Y'Wci fgY'jg'Uja YX'UhXYj Y'cd]b['g_]`g'cb`ck`hc`XYg][b'UbX]a d'Ya YbhHAY'WUdUV]`h]Yg'cZU'fcVch]W d'UhZcfa "'<U'ZcZhY'Wci fgY'jg'YWh fY!VUgYX'UbX'XYU'g'k]h' h'Y'Zc`ck]b['WcbhYbhtg'`bhfci Xi W]cb`hc`fcVch XYg][b"'A YWU]ga g'UbX'_]bYa Uh]WcZk \YY'YX'fcVchg"'GYbgc'fg'i gYX'Zc'f'h'Y'dYfW'dh]cb'WUdUV]`h]Yg'cZ h'Y'fcVch'DYfW'dh]cb'Udd'YX'hc'U`ck`h'Y'fcVch'hc'i bXYfgHUbX'h'Y'WcbhYI hcZcdYfU]cb"'A ch]cb'd'Ubb]b[UbX'Wcbhfc`cZhY'fcVch]b'Wca d'YI'WcbhYI hg"'C dh]a U`d'Ubb]b['fB mbUa]Wdfc[fUa a]b['UddfcUWkL"

h'Y'dfUW]W]`Wca dcbYbhczhY'Wci fgYzhY'gh XYbhtg]a d'Ya YbhdYfW'dh]cb'UbX'Wcbhfc`a cXi`Yg'UbX hYghhYa]b'UWh U`fcVchg"

7 ci fgY'5]a g

H\]g'Wci fgY'YbUV'Yg'gh XYbhtg`hc`YI d'cfY'fY'Yj UbhUgdYW]g'cZUi hc'bca ci g'fcVch]WgmghYa g" H\YgY]bW] XY h'Y'ja d'Ya YbhU]cb'cZz bW]cbg'gi Wk`Ug'gY'YWh]b[ži bXYfgHUbX]b[ž'UbX']bghU`]b['h'Y'gYbg]b['WUdUV]`h]Yg cZhY'fcVch'zdfcW]gg]b['cZhY'gYbgc'f'a YUgi fYa Ybhtg'Zc'f'dYfZcfa]b['dYfW'dh]cb'z'UbX'Udd'm]b['ck`!`UbX \][\!`Yj Y`Wcbhfc`dfcW]ggYg'hc`YbUV'Y'h'Y'fcVch]Wd'UhZcfa`hc`cdYfU]h']b'Wca d'YI'WcbhYI hg"

H\]g'Wci fgY'U`ck'g'gh XYbhtg`hc`Udd'mh'Y'WcbW'dhg]bhfci W]X]b'h'Y'Wci fgY'z]b'Wca V]bU]cb'k]h dfYj]ci g'mUWci]fYX`_bck`YX[Y'fZca`gi VYW]g'fY'UH'X'hc`Dfc[fUa a]b[žA UhYa Uh]Wg'z'7 c]bhfci ž A YWU]g]g'9 YW]cb]W]z]b'cfXYf'hc`gc`j Y'h'Y'Wca d'YI'Wci fgY'dfc'YW]g'h'Uh]b]c`j Y'fUg_g'gi Wk`Ug'h'Y'z` XYg][b'UbX]a d'Ya YbhU]cb'cZU'ga U`fcVch]Wd'UhZcfa`hc`[]j Y]h'h'Y']b'h`][YbW]`hc`cdYfU]h']b'Ub`i b_bck b WcbhYI h'`H\Y']b'h`][YbW]`cZhY'd'UhZcfa`]b]c`j Yg'dYfZcfa]b['dYfW'dh]cb'fUg_g'gi Wk`Ug'cVghUWY`XYh'W]cbz a Udd]b[ž'd'Ubb]b['UbX'j]gi U]nU]cb'Zc'f`i a Ub]b'h'fUW]cb'k]h' h'Y']b'h`][YbhU[Ybh'5`h'YgY Wca dcbYbhtg'cZhY'U[YbhUfY'ja d'Ya Ybh'X'Vm'h'Y'gh XYbhtg"

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

5Zf'gi W]ggz`mWca d'Yh]b['h\]g'Wci fgY'z'mci`g\ci`X'VY'UV'Y'hc`.

@YUfb]b['Ci hWca Y	95`GHU[Y'%7ca dYhYbW]Yg
%`5dd'mfY'Yj UbhH'YcfYh]W]`_bck`YX[Y'dYfU]b]b['hc`a cV]Y fcVchg]bW] X]b['cWca ch]cb'z'dYfW'dh]cb'UbX'`cW]nU]cb'`i`h]g]b[cbVcUfX'gYbgc'fgz'blj][Uh]cb'UbX'dU]h'd'Ubb]b[ž'Zc'f'Wca d'YI dfcVYa`!gc`j]b[D9%%

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_g	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
E i]n'	()	K YY_'&ž(ž+ž- ž%\$	%ž&
#X]]Xi U'Dfc YW	' *	K YY_'(ž+ž%\$	%ž&ž'
; fci d'Dfc YW	%	K YY_'%&	%ž&ž' ž(

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% E i]n

GhUfhXUH. 'K YY_'&ž(ž+ž- ž%\$

@Yb[h. 'l d'hc" \$'a]bi hYg

8YHU]`g.

8YgW]dh]cb.

"E i]nnYg'cb[YbYfU'hYcf]Yg'cZa cV]Y'fcVchg'UbX'Wta di h'f'j]g]cb'hUhUfY'Wcj YfYX']b'YW' fYg"

Bi a VYf'cZUggYgga Ybhg.

" :]j Y'ei]nnYg']b'hcU"

; fci d#X]]Xi U'.

"#X]]Xi U'

5ggYgga YbhW]h'f]U.

"E i]nnYg'UfY'cb']bY'j]U'A ccXY'E i]n'UW]]h"

8YUX']bY'Zcf'UVgc'i h'Z]`.

"B #5

F Y'YUgY'cZa Uf_g.

"K]h]b'%k YY_'cZhY'h'ghXUH"

Gi Va]gg]cb'bc'hYg. 'j]U'A ccXY

Hi fb]h]b'gYh]b[. 'H\]g']g'bc]hU'Hi fb]h]b'Ugg][ba Ybh

5ggYgga Ybh&. #X]j]Xi U`Dfc`YWh

GhUfhXUHy. `K YY_`%ž(ž+

8YhU]`g.

8YgW]dh]cb.

``5gg][ba Ybhg`ZcW`g]b[`cb`X]ZYfYbhUgdYWh`fY`Yj Ubhlc`fcVchXYg][b"

Bi a VYf`cZUggYgga Ybhg.

``H\fYY`Ugg][ba Ybhg`]b`lc`hU"

; fci d#bX]j]Xi U`.

``#X]j]Xi U`

5ggYgga YbhW]h]f]U.

``F`YZf`lc`YUW`Ugg][ba YbhXYgW]dh]cb"

8YUX`]bY`Zc`f`UVgc`i`h`Z]`.

``)`\$`\\ci fg`UZf`f`h`Y`Xi`Y`XUHy`fYUW`UH`\\ci`f`fYXi`Wg`h`Y`a`U]`ja`i`a`UW`Yj`UV`Y`a`Uf_g`Vm&i`E"

F`Y`Y`Ug`Y`c`Za`Uf_g.

``W`%o

%o

\$

Y

"C bY Ugg][ba Ybh]b'rchU"

; fci d#bX]j]Xi U'.

F Ygci fWg

F YWca a YbXYX'F Ygci fWg

@YWi fY'bcH'g'UbX'Ugg][ba YbhgdYWZ]W]cbg:k]''VY'Uj U]'UV'Y'hc'ghi XYbHg'j]U'HYUa g"

H\YfY'k]''VY'bc'hYI hVcc_fYei]fYX'Zcf'h]g'Wci fgY''H\Y'ghi XYbHg'UfY'gi [[YghYX'hc'fYUX'hY'Zc`ck]b[]Z hYmk Ubh'hc'YI dUbX'hY]f'YUfb]b[.

•F "'G]Y[k Ufř=""F "'Bci fVU_\g\ž'8""GWUfUa i nnU" b'f'c'Xi W]cb'hc'Ui hc'bc'a ci g'a cV]Y'fcV'chg""H\Y'A #H DfYgg"GYW'cbX'YX]h]cb"&\$%%"

I BGK '@]VfUfmk YVg]hY. \h'hdg.## k k ""]VfUfmi b'gk "YXi "Ui # A ccX'Y. \h'hdg.## a ccX'Y"Y'h'i b'gk "YXi "Ui #c[]b#]bXYI "d\ d

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

: YYXVUW'cb'hY'Wci fgY']g'[U'hYfYX'dYf]cX]WU`mi g]b[]j Uf]ci g'a YUbgž]bWi X]b['hY'I BGK a m9I dYf]YbW'dfcW'ggž]bZ'fa U'X]gW'gg]cb']b'hY'Z]bU'WUgg'Zcf'hY'Wci fgYž'UbX'hY'GW'cc'g Gh XYbh'G]UZZa Y'h]b[g" M'ci f'ZYXVUW']g' hU_Yb'gYf]ci g'nž'UbX'W'cb]bi U']a d'fc] Ya YbHg'UfY'a UXY'hc'hY Wci fgY'VUgYXž]b'dUfř'cb'gi W'ZYXVUW."

Gi Va]gg]cb'cZ5ggYgga YbhiHUg_g

5ggYgga Ybhgi Va]gg]cb'UbX'a Uf_]b['Wf]hYf]U

G\ci 'X'h\Y'W\ci fgY'\Uj Y'Ubmbcb!Y'YWfcb]WUggYgga Ybhgi Va]gg]cbž'h\Yg'g\ci 'X'\Uj Y'U'ghUbxUfX
GW\cc'W\j Yf'g\YYH'

5`gi Va]gg]cbg'UfY'YI dYWYX'hc'VY'bYUhiUbX'WYUfmgYhici H'Mci f'fYgi 'hg'UfY'h\Y'd]bbUWY'cZU`mci f'\UfX
k cf_'UbX'g\ci 'X'VY'hYUhiX'k]h'Xi Y'fYgdYWf'DfYgYbh]b['fYgi 'hg'WYUfm[]j Yg'h\Y'a Uf_Yf'h\Y'VYghWUbxWY
cZi bXYfgtUbx]b['mci f'a Yh\cX/Yj Yb']Zh\Y'bi a Yf]WU'fYgi 'hg'UfY']bV\ffYWf'

A Uf_]b[[i]XY']bYg'Zcf'Ugg][ba Ybhgi Va]gg]cbg'k]`VY'dfcj]XYX'Uh\Y'gUa Y'h]a Y'Ug'Ugg][ba YbhXYH]g
hc'Ugg]ghk]h'a YH]b['UggYggUV'Y'fYei]fYa Ybhg'Gi Va]gg]cbg'k]`VY'a Uf_YX'UW\cfX]b['hc'h\Y'a Uf_]b[
[i]XY']bYg'dfcj]XYX"

@UHY'dc`]Wm

K cf_gi Va]hYX'`Uh'k]h\ci hUb'Uddfcj YX'YI hYbg]cb'Vm'h\Y'W\ci fgY'W\cfX]bUhc'f'cf'XY'Y[UH'X'Ui h\cf]hm]g
gi V'YW\hc'U'`UH'dYbU'micZ&\$dYfW\bhf&\$i 'E'cZ'h\Y'a U[]a i a 'a Uf_'dcgg]V'Y'Zcf'h\UhiUggYgga Ybh]hYa ž
dYf'WU'YbXUf'XUm'

H\Y'`UH'dYbU'mi]g'Udd'YX'dYf'WU'YbXUf'XUm]bWi X]b['k YY_YbXg'UbX'di V']W\c'XUmg'U'h\UhiY
UggYgga Ybh]g'c]YfXi Y'"H\YfY']g'bc'dfc!fUfU'cZ'h\Y'`UH'dYbU'miZcf'gi Va]gg]cbg'a UXY'dUfhk Um'h\ci ['\U
XUm'

K cf_gi Va]hYX'UZ'Yf'h\Y'XYUX']bY'Zcf'UVgc'i h'ZU]']g'bchUW\W'dhYX'UbX'U'a Uf_'cZnYfc'k]`VY'Uk UfXYX
Zcf'h\UhiUggYgga Ybh]hYa "

: cf'gca Y'UggYgga Ybh]hYa gžU'`UH'dYbU'mia UmbchVY'Uddfcdf]UH'"H\YgY'UfY'WYUfm]bX]WUhiX']b'h\Y
W\ci fgY'ci h]bYž'UbX'gi W'UggYgga Ybhg'fYW'j Y'U'a Uf_'cZnYfc']ZbchW\ca d'YhX'Vm'h\Y'gdYW]Z'YX'XUH'"
9I Ua d'Yg']bWi XY.

% K YY_'micb']bY'hYgh'cf'UVcfUhc'fmik cf_'k cff'h'U'ga U'`dfc'dcf]cb'cZ'h\Y'gi V'YW'ia Uf_ž'cf
&" C b']bY'ei]nnYg'k \YfY'Ubgk Yfg'UfY'fY'UgYX'hc'gfi XYbhg'cb'W\ca d'Yh]cbž'cf
' " DfcZ'gg]cbU'UggYgga YbhiUg_gž'k \YfY'h\Y']bhYbh]cb]g'hc'WYUhi'Ub'Ui h\Ybh]WUggYgga Ybhih\U
\Ug'Ub'UVgc'i h'gi Va]gg]cb'XUH'ž'cf
(" DUgg# U]'UggYgga YbhiUg_g"

9I Ua]bU]cbg

Mci 'a i ghVY'Uj U]UV'Y'Zcf'U'`ei]nnYgž'hYgh'UbX'YI Ua]bU]cbg": cf'W\ci fgYg'h\UhiUj Y'Z]bU'YI Ua]bU]cbgž
h\YgY'UfY'\Y'X'Xi f]b['h\Y'I b]j Yfg]hmYI Ua]bU]cb'dYf]cXg. : YVfi UfmZcf'Gi a a Yf'HYfa žA Um'Zcf'H%ž
5i [i ghZcf'H&ž'UbX'bcj Ya VYf#8YW'a VYf'Zcf'H' "

D'YUg'Y'j]g]ha m' BGK 'Zcf'Dfcj]g]cbU'9I Ua]bU]cb'h]a YHUV'Y'di V']g'\XUH'g": cf'Z'f'h\Yf']bZcf'a U]cb'cb
YI Ua gž'd'YUg'Y'gY'h\Y' [9I Ua g](#) k YVdU[Y"

GdYW]U'7cbg]XYfU]cb

žmci '\Uj Y'YI dYf]YbW'X'Ub']`bYgg'cf'a]gUXj Ybhi fY'VYm'cbX'mci f'W\bf'c'h\Uhi]`]bhYfZ'Yf'k]h'mci f'

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

I BGK `Ug`Ub`cb[c]b[`Wca a]ha Ybhlc`ZcghYf]b[`U`W`hi fY`cZ`YUfb]b[`]bZcfa YX`VmiUWUXYa]W]bhY[f]m`5`
I BGK `gh`XYbhg`Uj`Y`U`fYgdcbg]V`]mhc`UX`YfY`hc`h`g`df]bW]d`Y`cZUWUXYa]W]bhY[f]m`D`U[]Uf]ga
i bXYfa]bYg`UWUXYa]W]bhY[f]m]UbX`]g`bchlc`YfUHX`Uhl`BGK`"B`SY[Sde_`SfG@E|`[e VWX` VW`Se ge[`Y`
fZWi`ad/e`ad[VWSe`aXafZW`S`V`bSee[`Y`fZW_`aXSe`kagdai`ž`

D`U[]Uf]ga`]g`U`mdY`cZ]bhY`YW`i`U`h`YZ`h`h`W]b`hU`_Y`a`UbmiZcfa`gž`Zca`XY`]VYfUHX`WX`YU]b[`hc`UWUXYbH`m`
W`dm]b[`Zca`U`gci`fW`k`]h`ci`hUW`bck`YX[`Ya`Ybh`I`BGK` `Ug`dfcXi`WX`U`k`YVg]h`k`]h`U`k`YU`h`cZ`
fYgci`fW`g`hc`gi`ddcfhgh`XYbhg`hc`i`bXYfghUbX`UbX`Uj`c]X`d`U[]Uf]ga`ž`]g]h`[gh`XYbh`i`bgk`"YXi`"Ui`#d`U\[\]Uf\]ga`"](#)
H`Y`@YUfb]b[`7`YbhY`Ugg]ghg`gh`XYbhg`k`]h`i`bXYfghUbX]b[`UWUXYa]W]bhY[f]m]UbX`ck`bchlc`d`U[]Uf]gY`
H`Y`miU`gc`lc`X`k`cf`g`cdg`UbX`W]b`Y`d`gh`XYbhg`cbY!cb!cbY"

Mci`UfY`U`gc`fYa`]bXYX`h`UhWfYZ`h`ja`Y`a`UbU[`Ya`Ybh]g`Ub`ja`dcf]UbhdUfhcZgh`XmiUbX`cbY`cZ`h`Y`
]XYbh]Z`YX`W]i`gYg`cZ`d`U[]Uf]ga`]g`d`ccf`h`ja`Y`a`UbU[`Ya`Ybh`G`h`XYbhg`g`lci`X`U`ck`gi`Z`W]Ybh]ja`Y`Z`c`f`
fYgYUfW`ž`X`fU`Z]b[`UbX`h`Y`dfcdYf`fY`Z`fY`bW]b[`cZ`gci`fW`g`]b`dfY`dUf]b[`U`UggYgga`Ybh]Ug`g"

ž`d`U[]Uf]ga`]g`Zci`bX`]b`mci`f`k`cf`_`k`Y`b`mci`UfY`]b`Z`fghmY`Ufž`mci`f`YW`h`fYf`k`]`c`Z`Yf`mci`Ugg]ghUbW`hc`
]a`dfcj`Y`mci`f`UWUXYa]Wg_]`g`H`Y`ma`UmUg`_`mci`hc`cc`_`Uhgca`Y`cb`]bY`fYgci`fW`gž`U`h`Y`bX`h`Y`@YUfb]b[`
7`YbhY`ž`cf`gca`Y`h`ja`Yg`fYgi`Va`]h`mci`f`k`cf`_`k`]h`h`Y`dfcV`Ya`Z]`YX`<ck`Yj`Yf`a`cfY`gYf]ci`g`]bg]UbW`g`]b`Z`fgh`

5 WUXYa]W=Zcfa Uh]cb

7 fYX]hdc]bhg

7 ci fgY`WYX]hg`W`W`UH`X`]b`I` b]hg!C Z 7 fYX]hfl C 7 E`H`Y`bcfa U`k cf`cUX`YI dYWUh]cb`Zf`cbY`I C 7

- [A ccXY](#)
- [@UV`5WYgg](#)
- [7ca di hb\[` : UW\]hYg](#)
- [Ghi XYbhF Ygci fWg](#)
- [7ci fgY`Ci h\]bYg](#)
- [: UW`imHfUbg\]hcbU`5ffUb\[Ya Ybthg`Zcf`7CJ`8!%-](#)
- [A U`YfgdUWY](#)
- [I BGK`Hja YhUV`Y](#)
- [I BGK`<UbXVcc](#)
- [9ei \]hUV`Y`@YUfb\]b\[`GYfj \]Wg](#)

⇒ U[Y`7fYX]h

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

7F ⇒7CG

7F ⇒7CG`Dfcj]XYf`7cXY.`\$\$\$- , ;

5W_bck`YX[Ya YbhcZ`7ci bhfm

K Y`UW_bck`YX[Y`h`Y`6YXY[U`dYcd`Y`k` \c`UfY`h`Y`fUX]h]cbU`W`g`h`X]Ubg`c`Z`h`Y`U`b`X`g`c`b`k` \]W`I`BGK`
 ? Ybg]b[hcb`W`a`di`g`]g`c`W`h`Y`X`"

5ddYbX]l . '9b[]bYYfg'5i ghfU`U'f95E'DfcZYgg]cbU`'9b[]bYYf'7ca dYhYbWm
GHUbXUfX

Dfc[fUa 'hYbXYX'@YUfb]b['Ci hWta Yg	
? bck `YX[Y'UbX'g_]`VUgY	
D9%"%7 ca dfY\Ybg]j YzhYcfmVUgYX'i bXYfghUbX]b['cZhY'i bXYfd]bb]b['bUh fU`UbX d\mg]WU`gWYbWg'UbX'hY'Yb[]bYYf]b['Z bXUa YbH'g'Udd']WUV'Y'hc'hY'Yb[]bYYf]b['X]gWd`]bY	
D9%"&'7 cbWdh U`i bXYfghUbX]b['cZhY'a UhYa Uh]Wg'z'bi a Yf]WU`UbU'mg]g'ghUhgh]Wg'z'UbX Wta di h'f'UbX']bZ'fa Uh]cb'gWYbWg'k \]W' i bXYfd]b'hY'Yb[]bYYf]b['X]gWd`]bY	
D9%" " 'h!XYdh'i bXYfghUbX]b['cZgdYWU`]ghVcX]Yg'cZ_bck `YX[Y'k]h]b'hY'Yb[]bYYf]b[X]gWd`]bY	
D9%"('8]gWfba YbhcZ_bck `YX[Y'XYj Y`cda YbhUbX'fYgYUfW'X]fYW]cbg'k]h]b'hY Yb[]bYYf]b['X]gWd`]bY	
D9%") ? bck `YX[Y'cZYb[]bYYf]b['XYg][b'dfUW]W'UbX'WcbhYI h U`ZUW'c'fg]a dUW]b['hY Yb[]bYYf]b['X]gWd`]bY	
D9%"* 'i bXYfghUbX]b['cZhY'gW'cdY'z'df]bW]d'Yg'z'bcfa g'z'UW'W'ci bHUV']h]Yg'UbX'Vci bXg'cZ gi gh]bUV'Y'Yb[]bYYf]b['dfUW]W']b'hY'gdYW]ZWX]gWd`]bY	
9b[]bYYf]b['Udd']WU]h]cb'UV']]m	
D9%"%5dd`]WU]h]cb'cZYghUV]g\YX'Yb[]bYYf]b['a Yh'cXg'hc'Wta d'YI'Yb[]bYYf]b['dfcV'Ya gc']b[
D9%"&'&'i YbhUdd']WU]h]cb'cZYb[]bYYf]b['h'W]b]ei Yg'z'hc'g'UbX'fYgci fW'g	
D9%" " '5dd`]WU]h]cb'cZgmg]Ya Uh]WYb[]bYYf]b['gmb'hYg]g'UbX'XYg][b'dfcW'ggYg	
D9%"('5dd`]WU]h]cb'cZgmg]Ya Uh]WUdd'fcUW]Yg'hc'hY'WcbXi W]UbX'a UbU[Ya YbhcZYb[]bYYf]b[dfc'YW'g	
DfcZYgg]cbU`UbX'dYfgcbU`Uhf]Vi hYg	
D9' "%9h]WU`WcbXi W]UbX'dfcZYgg]cbU`UW'W'ci bHUV']]m	
D9' "&'9ZYW]j Y'cfU`UbX'k f]hYb'Wta a i b]WU]h]cb']b'dfcZYgg]cbU`UbX`UmXca U]bg	
D9' "' '7fYUh]j Y'z]bbcj Uh]j Y'UbX'dfc!UW]j Y'XYa YUbcif	
D9' "('DfcZYgg]cbU`i gY'UbX'a UbU[Ya YbhcZ]bZ'fa Uh]cb	
D9')" 'C'fXYf'ma UbU[Ya YbhcZgY'z'UbX'dfcZYgg]cbU`WcbXi W]	
D9' "*" '9ZYW]j Y'hYUa 'a Ya VYfg\]d'UbX'hYUa `YUXYfg\]d	