

7ci fgY Cj Yfj]Yk

GHJZZ7cbHJWh8YHJ]`g`

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
M].N/Ap[m]"n\Yb[' 4 i bgk "YXi "Ui	Hi YgXUmg'%' \$!&.' \$	A 6&)'	-',)'%+'\$
		da cfVm Uddc]bha Ybh		

@YWhifYfg

B Ua Y	9a U]`	5j U]`UV]`]hm	@cWUh]cb	D\cbY
Mj.N/Ap[m]"n\Yb[' 4 i bgk "YXi "Ui	Hi YgXUmg'%' \$!&.'	\$ A 6&)'	- ' ,) '%+' \$
		da 'cf'Vm Uddc]bha Ybh		

'Hi hcfg'

B Ua Y	9a U]`	5j U]`UV]`] m	@cWUhjcb	D\cbY
M]·N\Yb[m]"n\Yb[' 4 i bgk "YXi "Ui	Hi YgXUmg'%' \$!&.' \$	A 6&) '	- ' ,) '%+' \$
		da ˈcfːVm		
		Uddc]bha Ybh		

GWXcc~7cbHJWh~abZcfa Uhlcb

GWkcc`cZ<iaUb]hYq'UbX'@Ub[iU[Yq

@cWUhjcb. 'GW\cc`'C ZZWYž'A cfj Yb'6fck b'6i]`X]b[ž'@Yj Y``&ž'&),

CdYb]b[< ci fq. A cbXUm!: f]XUmž-Ua !!) da

D\cbY. 'Ž*%'&'-',) '%*, %

: UI . Ž*%'&'-',)', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

5 hyb XUb WY F Yei]fYa Ybhg

5 'ghi XYbh']g'Yl dYWYX'hc'UhhYbX'U```WUgg'WcbhUWi\ci fg'Zcf'U'ZJWY!hc!ZJWY'fl &: Ł'cf'V`YbXYX'Wci fgY'UbX Wca d`YhY'U```UWIji]hiYg'Zcf'U'V`YbXYX'cf'Z ``mcb`]bY'Wci fgY"

5 'ghi XYbhik \c'Uff]j Yg'a cfY'h\Ub'%) 'a]bi hYg'``UhY'a Um'VY'dYbU`]gYX'Zcf'bcb!UhhYbXUbWY'''=Zgi W\'U'dYbU`hm]g']a dcgYXž'h\Y'ghi XYbha i gh'VY']bZcfa YX'j YfVU``m'Uh'h\Y'YbX'cZWUgg'UbX'UXj]gYX']b'k f]h]b['k]h\]b'&(\ci fg''

₹Uʻghi XYbh'Yl dYf]YbWʻgʻ]``bYggža]gUXj Ybhi fYʻcfʻch\YfʻcVW ffYbW h\Uha U_YgʻUVgYbWʻZfca ʻU WUgg#UWfj]hmi bUj c]XUV`YžcfʻYl dYWgʻhcʻVYʻUVgYbhZfca ʻUʻZcfh\Wa]b[ˈWUgg#UWfj]hmi bUj c]XUV`Yžcf`Yl dYWgʻhcʻVYʻUVgYbhZfca ʻUʻZcfh\Wa]b[ˈWUgg#UWfj]hmi bUj c]XUV`Yžcf`Yl dYWgʻhcʻVYʻUVgYbhZfca ʻUʻZcfh\Wa]b[ˈWUgg#UWfj]hmi bUj c]XUV`Yi dYmg\ci `X`gYY_ dYfa]gg]cbʻZfca ʻh\Yʻ7 ci fgYʻ5i h\cf]hmi UbXʻk \YfYʻUdd`]WUV`Yžh\Y]ffYei Yghg\ci `X`VYʻUWWca dUb]YXʻVmUb cf][]bUʻcfʻWffJZYX`WcdmcZUʻa YX]WUʻWffJZWUhYʻcfʻch\YfʻZcfa ʻcZUddfcdf]UhYʻYj]XYbWY''

5.7 ci fgY '5 i h\cf]hma UmYI W gY 'U'ghi XYbhZca 'WUggYg'cf'UWfj]hJYg'Zcf'i d'hc'cbY'a cbh\" < ck Yj Yfz'h\Ym a UmUgg][b'UXX]hJcbU``UbX#cf'U'hYfbUhJ Y'HUg_g'hc'Ybgi fY 'Wca d`]UbW''' 5.7 ci fgY '5 i h\cf]hm'Wcbg]XYf]b['th\Y [fUbhJb['cZUVgYbW'a i ghVY'gUhJgZ]YX'U'ghi XYbhk]```gh]```VY'UV'Y'hc'a YYhh\Y'Wci fgY'g'`YUfb]b['ci hWca Yg UbX#cf'j c'i a Y'cZ`YUfb]b["'5 'ghi XYbhgYY_]b['Uddfcj U``hc'VY'UVgYbhZcf'a cfY'h\Ub'cbY'a cbh\'a i gh'Udd`m]b'k f]hJb['hc'h\Y'8 YUb'UbX'dfcj]XY'U``cf][]bU``cf'Wff]Z]YX'gi ddcff]b['XcW a YbhUhJcb"

 $: cf'a\ cfY']bZcfa\ UhJcb'UVci\ hh\Y'UhHYbXUbWY'dfchcWc`g']b'h\Y': UW\ hmcZ5fhg'UbX'GcWJU`\\ GWJYbWYg.'\underline{\ hdg.\#k\ k\ k''Ufhg''i\ bgk\ "YXi\ "Ui\ \#W\ ffYbHgh\ XYbhg\#UWJXYa\]W]bZcfa\ UhJcb#dfchcWc`g![i\]XY`]bYg\#UWJXYa\]$

5 WUXYa]W = b Zcfa Uh]cb

: cf`YggYbh]U``ghi XYbh`]bZcfa Uh]cb`fY`Uh]b['hc.`fYei Yghg`Zcf`Yl hYbg]cb/fYj]Yk 'cZa Uf_g/cWW dUh]cbU``\YU`h\
UbX`gUZYhm'Yl Ua]bUh]cb`dfcWXi fYg/gdYW]U``Wcbg]XYfUh]cb`]b'h\Y`Yj YbhcZ]``bYgg`cf`a]gUXj Ybhi fY/
ghi XYbhYei]hmUbX`X]gUV]`]hm'UbX`ch\Yf`YggYbh]U``UWUXYa]W]bZcfa Uh]cbž
gYY`\hdg.#k k k "Ufhg"i bgk "YXi "Ui #W ffYbhghi XYbhg#JWUXYa]W]bZcfa Uh]cb#dfchcWc`g![i]XY`]bYg#

7ci fgY 8YW] g

7 fYX]hDc]bhg**

Gi a a UfmcZh\Y 7ci fgY

Gi VYWn5fYU. 7\]bYgY Gh X]Yg

H\]g`Wci fgY`Yb[U[Yg`k]h\`_Ym]XYUg`UbX`]ggi Yg`]b`7\]bYgY`Ghi X]Yg"`\diU`gc`fY!j]g]cbg`UfYUg`h\Uh\Uj Y\\YYb`Wcj YfYX`]b`ch\Yf`Wci fgYg`]b`h\Y`A U'cf"'H\YgY`]bWi XY`7\]bYgY``Ub[i U[Y`ghi X]Ygž``]hYfUhi fYž'Z]`a ž\\a YX]Už'hfUbg`Uh]cbž`Ubh\fcdc`c[mUbX`[YbXYf`ghi X]Yg"`Mci `UfY`YbWci fU[YX`hc`fYZYWhi dcbžfYj]Yk`UbX\i gY`h\Y`_bck`YX[Y`UbX``Ub[i U[Y`Wca dYhYbW'`UWci]fYX`Zfca `h\YgY`UfYUg`cZghi XmUbX`Wcbg]XYf`\ck `mci WUb`i h]`]gY`h\Ya `Zcf`mci f`UWUXYa]Wcf`WUfYYf`Zi hi fYg"`Mci `k]``[U]b`U`a cfY`h\YcfYhWU``UbX`\]ghcf]WU`\dYfgdYWf] Y`cb`7\]bU`UbX`7\]bYgY`Ghi X]Yg"`H\Y``YUfb]b[`k]``VY`ZJW]`]hUhYX`VmU`fUb[Y`cZUWf]]hYg]bWi X]b[`]bXYdYbXYbhfYgYUfW\`dfcYWgzcfU``dfYgYbhUh]cbg`UbX`YggUmk f]h]b["'H\fci [\`h\Y`Wci fgYz`mci

5ggYgga Ybh

8YHJ]gcb5ggYggaYbhFYei]fYaYbhg.

Dfc YWn8 YgWf]dh]cb#9 ggUmDfcdcgU`.

 $\label{thm:linear} $$ Mci 'bYYX'hc'gi Va]hU'bYUhmik f]hh/b'dfcdcgU``XYgWf]V]b['h\Y'fYgYUfWX'dfc'YWimci '\Uj Y'bY[ch]Uh/X'k]h\mci f``YWh fYfZ'UbX'\ck 'mci 'd'Ub'hc'i bXYfhU_Y']h''\delta (i`X']bWi XY'h\Y'Zc``ck]b['UfYUg.$

%"·····Dfc YWhhh

&"·······6UW_[fci bX`]bZcfa Uh]cb`cb`h\Y`hcd]W

' "·······8 YgWf]dh]cb cZh\Y dfcdcgYX hJg_#g f]bWi X]b[YI Ua d`YgŁ

("```A Yh\cXc`c[mZcf`Wca d`Yh]b['h\Y'dfcdcgU``dfc^YWy'F YgYUfW\'ei Ygh]cb"

A Ucf 9ggUm

H\]g`]g`mci f`a U`cf`UggYgga YbhHUg_`Zcf`h\]g`Wci fgY"'H\Y`Wci fgY`WccfX]bUhcf`UbX``YWi fYf`k]```\Y`d`mci]XYbhJZmgYj YfU``a U`cf`hcd]Wg`Zcf`mci `hc`W\ccgY`Zfca ž`VUgYX`cb`X]gW`gg]cbg`cZh\Y`Wci fgY`g`W\cgYb h\Ya Yg`]b`h\Y`ZJfgh`ZYk `k YY_g"`5hih\Y`gi Va]gg]cb`cZh\]g`YggUmž`mci `k]```\Uj Y``]U]gYX`k]h\`h\Y``YWi fYf`]b XYWJX]b[`h\Y`gWcdYžg\UdY`UbX`gdYWJZJWhJhY`cZmci f`YggUm'`Mci f`a U`cf`YggUmk]```VY`UggYggYX`bchcb`mcb mci f`UWUXYa]WfYgYUfW\`UbX`k f]h]b[`g_]``gž`Vi hU`gc`cb`mci f`dYfZcfa UbW'`h\fci [\ci hih\Y`gYa YghYf`Ug]bX]WUhYX`Vm\ck `mci `XYU``k]h\`ZYYXVUW_g`Zcf`mci f`dfYgYbhUh]cbg`UbX`X]gW`gg]cbg"`5`fi Vf]WZcf`h\Y`Wf]hYf]U cZh\Y`YggUm]g`i d`cUXYX`cb`h\Y`Wci fgY`A ccX`Y"

DfYgYbhUhcb.

Mci f'dfYgYbhUhcb'g\ci `X'Wcj Yf'h\Y'Zc``ck]b[...

%"·······5 fYj]Yk #/f]YZVUW_[fci bX'cZmci f'hcd]Whc \Y`d'mci f'Ui X]YbW a U_Y gYbgY'cZmci f'dfc YWV

&"----5bcih]bYcZmcif_Ym]XYUgUbXZ]bX]b[g/

'"```5'dfY`]a]bUfm'Wf]hJWU``UggYggaYbhcZh\Y`aUhYf]U`g—dcg]b['U'gYhcZfYgYUfW\eiYgh]cbg"

5ggYgga Ybh'HUg_g'

5ggYgga Ybh'hJg_	K Y][\h	8iY'8UhY	Gh XYbh@YUfb]b[Ci hWca Yg 5ggYggYX
±bX]j]Xi U``DfYgYbhUh]cb`]b H\Ya YX'; fci d'GYhn]b['	' \$1	k YY_', !k YY_'%&	%ž&Ž ž(ž)
Dfc YWiXYgWidhjcb#9ggUmdfcdcgU`	&\$ı	k YY_'+	%2&2
F YgYUfVX '9ggUm') \$1	k YY_`%	%ž&ž(ž)

5ggYgga Ybh'8YhJ]`g

5ggYgga Ybh% ⊕X]j]Xi U`DfYgYbhUh]cb]b H\Ya YX; fci d GYhh]b[

GhUfhiXUhY. Bchi5dd`]WUV`Y

@Yb[h. %) a]bi h/q df/qYbhUhcbž) a]bi h/q X]qW qq]cb YUW.

8 YHJ]`g. '\xi X]j]Xi U``DfYgYbhJh]cb`]b`H\Ya YX`; fci d`GYh]b[!'' \$1 'Gh XYbhg`dfYgYbhfUbX`UfY`a Uf_YXŁ]bX]j]Xi U``mfl%\$`a]bi hYg`YUW\&`cb`U`W\cgYb`hcd]Wk]h\]b`h\Y`ZTUa Yk cf_`cZU'h\Ya YX`[fci d"'H\Y'hcd]Wg`UfY VUgYX`cb`h\Y`gh XYbhg'`]bXYdYbXYbhfYgYUfW\`Zcf`h\Y]f`dfc YWhgž`Ug`k Y```Ug`[fci d`X]gW gg]cbg"'Gh XYbhg UfY`cf[Ub]gYX`]bhc`[fci dg`k]h\`U`g\UfYX`h\Ya Yž'h\Y]f`]bX]j]Xi U``dfYgYbhJh]cbg`ffYgYUfW\`dfc YWhg\ZXYU` k]h\`U`X]ZYfYbhUgdYWhcZh\Y`h\Ya Y"': YYXVUW_ij]U`]bX]j]Xi U``Wca a Ybhg`UbX`WUgg`X]gW gg]cb"

5ggYgga Ybh& Dfc YWhXYgWf]dh]cb#9ggUmdfcdcgU`

GhUfhXUhY. Bch5dd`]WUV`Y

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

8YHJ]`g. Dfc YWhXYgWf]dh]cb#9ggUmdfcdcgU`!&\$i 5 'dfcdcgU``f) \$\$ 'k cfXgE'XYgWf]V]b['h\Y 'fYgYUfW\ 'dfc YWh h\Y 'gh XYbhXYj Y`cdg'i bXYf'h\Y '[i]XUbW\ 'cZh\Y '`YWh fYf'' #i]bWi XYg. '%E'Dfc YWhjh]hY/&E'6UW_[fci bX]bZcfa Uh]cb 'cb 'h\Y 'hcd]W'' E'8 YgWf]dh]cb 'cZh\Y 'dfcdcgYX'hUg_#g'f]bWi X]b['YI Ua d`YgE/(E'A Yh\cXc`c[mZcf Wca d`Yh]b['h\Y'dfc YWW') E'U'GYhcZfYgYUfW\ 'ei Ygh]cbg'': YYXVUW_ij]U']bX]j]Xi U``Wca a Ybhg''

5ggYgga Ybh' . F YgYUfVX '9ggUm

GhUfhXUhY. Bch5dd`\WUV`Y

@Yb[h\.") \$\$!k cfX fa]b]a i a ŁYI Wi X]b[fYZYfYbWYg

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Gh XYbhg UfY Yl dYWYX hc di hh\Y]f bUa Yg UbX gh XYbhbi a VYfg cb Yj YfmdU[Y cZh\Y]f Ugg][ba Ybhg"

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

#mci YbWci bhYf'U'dfcV'Ya k \Yb'UhYa dhJo['hc'gi Va]hmci f'Ugg][ba Ybhh\fci [\'Hi fb]h]bž'd'YUgY
hY'Yd\cbY'9| hYfbU'Gi ddcfhcb'-',) "''' %cf'Ya U]'h\Ya 'cb'<u>Yl hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui"</u>"'Gi ddcfh
\ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-').\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUft'''#mci
UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi 'hk]h\'Hi fb]h]b'mci 'a Um'Udd'mZcf'Ub'Yl hYbg]cbž'Vi hmci
a i ghfYhJ]b'mci f'h]W_Yhbi a VYf'Zfca '9| hYfbU''Gi ddcfhfU'cb['k]h\'Ubmch\Yf'fY'Yj UbhXcW'a Ybhgt'hc
]bWi XY'Ug'Yj]XYbWY'hc'gi ddcfhmci f'Yl hYbg]cb'Udd']WUh]cb'''#mci 'Ya U]''9| hYfbU''Gi ddcfhmci 'k]''
Ui hca UhJWJ'`mfYWY']j Y'U'HJW_Yhbi a VYfž'Vi h]Zmci 'hY'Yd\cbY'mci 'k]'''bYYX'hc'gdYWJZJWJ'`mUg_'Zcf'cbY''
Hi fb]h]b'U'gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh' g'cb'Hk]hYf"

; YbYfU`mž'UggYgga YbhitUg_g'a i ghVY'gi Va]hhYX'Y`YWfcb]WU``mj]U'Y]h\Yf'Hi fb]h]b'cf'U'A ccX`Y Ugg][ba Ybh''=b']bghUbWfg'k \YfY'h\]g']g'bchdcgg]V`Yž']hk]```VY'ghUhYX'cb'mci f'Wci fgY'g'A ccX`Y'g]hY'k]h\U`hYfbUh]j Y'gi Va]gg]cb'XYhU]`g"

@UhY 5ggYgga Ybh'DYbU`h]Yg

Gh XYbhgʻUfYʻfYgdcbg]V`YʻZcfʻh\Yʻgi Va]gg]cbʻcZUggYgga YbhhUg_gʻVmh\YʻfYei]fYX`XUhYgʻUbXʻhJa Yg" 8YdYbX]b[ˈcZh\Y`YI hYbhcZXY`Um]bʻh\Yʻgi Va]gg]cbʻcZUbʻUggYgga YbhhUg_ʻdUghh\Y`Xi Y`XUhY`UbXʻhJa Yž

- K cf_'gi Va]hh'X`%\$`hc`% 'XUmg`UZhYf`h\Y`gh]di `UhYX`XYUX`]bY`k]```VY`UggYggYX`UbX`ZYYXVUW_dfcj]XYX`Vi h'U`a Uf_'cZnYfc`k]```VY`fYWcfXYX"`\Zh\Y`k cf_'k ci `X`\Uj Y`fYWf]j YX`U'dUgg`a Uf_'Vi h'Zcf h\Y``UhYbYgg`UbX`h\Y`k cf_']g`U`Wca di `gcfm'Wci fgY`Wca dcbYbh'f\i fX`Y`fYei]fYa Ybh\ž`U'gh XYbhk]``VY`XYYa YX`hc`\Uj Y`a Yhh\Uh'fYei]fYa Ybh\
- K cf_'gi Va]hhYX`&\$`cf`a cfY`XUmg`UZhYf`h\Y`gh]di `UhYX`XYUX`]bY`k]```bchVY`UWWdhYX`Zcf UggYgga YbhUbX`k]```fYWY]j Y`bc`ZYYXVUW_ža Uf_'cf`[fUXY"'=Zh\Y`UggYgga YbhHUg_']g`U`Wca di `gcfm Wca dcbYbhcZh\Y`Wci fgY`U'ghi XYbhik]```fYWY]j Y`Ub`l bgUh]gZJWcfmi: U]``fl : Ł`[fUXY`Ug`U`fYgi `hcZ i bgUh]gZJWcfmidYfZcfa UbWY`]b`Ub`YggYbh]U``Wca dcbYbhcZh\Y`Wci fgY"

H\]g^]bZcfa Uh]cb^]g^U^gc^Uj U]^\$

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

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"'\lefi\Wb'hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b['hc`UVW]XYbhU`mWcdm]b['Zfca `U`gci f\W' k]h\ci hUW_bck `YX[Ya Ybh'

IBGK [fcidgdu[]uf]ga]bhch\YZc``ck]b[WuhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a]`Uf'k cfXg'hc'h\Y'cf][]bU`hYl h'cf']XYU'k]h\ci h'UW_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfcYWhgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]h'

±DUddfcdf]UhY`dUfUd\fUg]b[.'W\Ub[]b['U'ZYk'kcfXg'UbX'd\fUgYg'k\]`Y`acghmfYhJ]b]b['h\Y`cf][]bU`ghfi WhifY`UbX`]bZcfaUh]cb`k]h\ci hUW_bck`YX[YaYbh'H\]g'U`gc'Udd`]Yg`]b'dfYgYbhUh]cbg'k\YfY`gcaYcbYdUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf'kcfXg'k]h\ci hWfYX]h''±iU`gc'Udd`]Yg`hc'd]YW]b['hc[Yh\Yf'ei chYg'UbXdUfUd\fUgYg`]bhc'U'bYk'k\c`Yžk]h\ci hfYZ/fYbW]b['UbX'U'ghi XYbh'g`ck b'UbU`mg]g`hc'Vf]b['h\Y`aUhYf]U`hc[Yh\Yf''

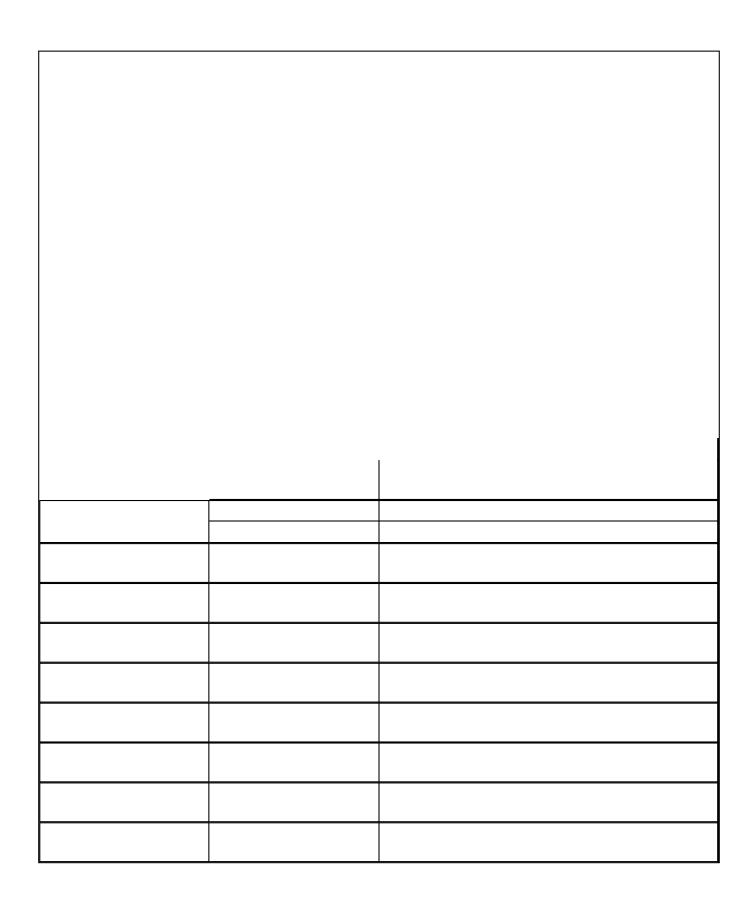
7 c``i g]cb. 'k cf_]b['k]h\ 'ch\ Yfg'Vi h'dUgg]b['c\Z'h\ Y 'k cf_'Ug'U'dYfgcb'g']b\X]j]\Xi U``k cf_"'7 c``i g]cb'U`gc]b\Wi XYg'dfcj]\X]b['mci f'k cf_'hc'Ubch\ Yf'ghi XYbh\ VYZcfY'h\ Y 'Xi Y 'XUhYzcf'Zcf'h\ Y' di fdcgY'cZh\ Ya d`U[]\Uf]g]b['Uh\Ubmh]a Yz'dUm]b['Ubch\ Yf'dYfgcb'hc'dYfZcfa 'Ub'U\WUXYa]\Wh\Ug_z'ghYU']b['cf'U\\ello i]f]b[Ubch\ Yf'dYfgcb'g' U\WUXYa]\Wk cf_'Ub\X'\\ello dm]b[']hz'c\ZYf]b['hc'\\ello a d`YhY'Ubch\ Yf'dYfgcb'g' k cf_'cf'gYY_]b[d\una Ybh\Zcf'\\ello a d`Yh\beta d`

±bUddfcdf]UhY`W]hUh]cb.`7]h]b[ˈgci fW/gˈk \]WX`\Uj Y`bchVYYb`fYUXžk]h\ci hUW_bck`YX[]b[ˈh\Y`″gYWcbXUfm″gci fW/Zfca k \]WX`_bck`YX[Y`cZh\Ya`\Ug'VYYb`cVhU]bYX"

8 i d`]\WUh]cb`ff`gY`Zld`U[]\Uf]ga "Ł`gi Va]\h]b[`mci f`ck b`k cf_ž]b`k \c`Y`cf`]b`dUfhžk \YfY`]h`\Ug`dfYj]ci g`m VYYb`dfYdUfYX`cf`gi Va]\hYX`Zcf`Ubch\Yf`UqqYqqa Ybhcf\Wci fgY`UhI_BGK_`cf`Ubch\Yf`i b]\Yfq]\m"

7 cffYWhfYZYfYbWb[dfUWhWyg.

• VYHYfa UbU[Ymcifh]a Y



FYgci fWfg

DfYgWf]VYX F Ygci fWYg

FYei]fYX'UbX'fYWcaaYbXYX'fYUX]b[g'cb'AccX'Y

FYWca a YbXYX FYgci fWYg

• FYZYfYbW]b['gmghYa g

\hd.#k k k "`\V\i bak "YXi "Ui #cb`]\/#YZ\\ha`

.

• GiddcfhZcffYZYfYbWjb['Ugg][ba Ybhg

\hda.##ahi XYbh'i bak "YXi "Ui #fYZYfYbWlb[

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

 $5 ```ghi XYbhiZYYXVUW_g`k]```VY`WUfYZ ``mWcbg]XYfYX"`H\Ymk]```VY`hU_Yb``]bhc``UVWci bhi]b`Wci fgY`fYj]g]cb``UbX d`Ubb]b["$

a U[Y'7fYX]h

GmbYf[]Yg^]b^GcibX^&\$%*

7F = 7CG

7F = 7CG Dfcj]XYf 7cXY. \$\$\$-,;