

SRAP5107

F YgYUfWX Dfc YWh

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

7ci fgY 8YHJ] g

7 fYX]hDc]bhg**

Giaa UfmcZh\Y 7ci fgY

 $H\ [g']g'U'\%'I\ C\ 7\ F\ YgYUfW.\ Dfc\ YWhWci\ fgY''Mci\ k\]``Ybfc``]b'U'*'i\ cWWci\ fgY']b'YUW.\ cZhk\ c'gi\ WWgg]j\ Y\ hYfa\ g'k\]h\ 'U'fYgi\ `hifYdcfhYX'Vm'U'g]b[\ `Y'[\ fUXY'Uhh\ Y'YbX'cZh\ Y'gYWcbX'*'i\ cWWci\ fgY''$

#idfcj]XYg'mci 'k]h\'h\'Y'cddcfhi b]hmhc'Wta d'YhY'Ub']bX]j]Xi U``fYgYUfW\'dfc'YWf'5g'U'fYgYUfW\'Wti fgYž]h]g XYg][bYX'hc'U``ck 'mci 'hc'Udd`mh\Y'_bck `YX[Y'mci '\Uj Y'[U]bYX'h\fci [\ci hmci f'dYf]cX'cZghi XmUbXž]Z Wta d'YhYX'gi WWYggZ ``mž'hc']a dfcj Y'mci f'dfcgdYWhcZUWWYdhUbWY']bhc'fYgYUfW\ XY[fYY'dfc[fUa g'Uh

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga Ybh'HJg_	K Y][\h	8i Y'8UHY	Gh XYbh@YUfb]b[Ci hWca Ygʻ5ggYggYX
F YgYUfWX Dfc YWi	%\$\$ı	&' #\$(#&\$&%`%%) - `DA	%ž [.] &ž [.] '

5ggYgga Ybh'8YHJ]`g

5ggYgga Ybh% F YgYUfW Dfc YWh

8YHJ]`g.

8Yg][bžXYj Y`cda YbhUbX`dfYdUfUh]cb`cZ]bX]j]Xi U``fYgYUfWX`dfc^YWhcZ%\$\cup{2}\$\$\$\!`%&\cup{2}\$\$\$\kappa k cfXg`i bXYf UWUXYa]Wgi dYfj]g]cb"

F YgYUfW\"fYdcftg"k]```VY'a Uf_YX`Vmtk c'Yl Ua]bYfg'k \c'k]```dfYdUfY'k f]ttYb'fYdcftg"'H\YgY'fYdcftg'UbX bi a Yf]\W\"[fUXYg'k]```VY'fY`YUgYX'k]t\]b'tk c'k YY_g'cZgi Va]gg]cb'cZt\Y'fYdcft'

Hi fb]hjb gYhjb[. H\]g]g bchU Hi fb]hjb Ugg][ba Ybh

FYgci fWfg

DfYgWf]VYX F Ygci fWYg

GF 5D) % + H\Yg]g Gi Va]gg]cb & Zcfa Uh]cb

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5ggYgga Ybh'hUg_	@Yb[h\	K Y][\h	8i Y XUhY
:]bU``h\Yg]g	%\$!%&ž\$\$\$ [*] k cfXg	%\$\$I	HYfa '% '&' '5df]`'&\$&%
			HYfa '&.'*'5i[igh'&\$&%
			11//6- 11 10/ 1D -11//- 1///6
			HYfa " % Bcj Ya VYf
			&\$&%

DfYgYbhUhcb [i]XY]bYg

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 $H\Y'Zc``ck]b[\ 'UfY'h\Y'dfYgYbhUhcb'fYei]fYa\ Ybhg'Zcf'a\ UghYfg''h\YgYg'''H\YgYg''h\UhXc'bch'WcbZcfa\ 'hch'YgY'fYei]fYa\ Ybhg'k]``VY'fYh fbYX'Zcf'Ua\ YbXa\ YbhUbX'fYgi\ Va\]gg]cb''$

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7cj Yf'dU[Y

 $\pm WiXY'U'WcjYf'dU[Y'k]h\lambda'mcif'h\lambda Yg]g'ghUh]b[...$

• H\Y'h]hY'cZh\Y'h\Yg]g

K cfX``]a]h

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FYZYfYbW]b[

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Gi Va]gg]cb cZh\YgYg ·······

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 $\label{limit} D`YUgY`gi Va]hmci f`h\Yg]g`Y`YWfcb]WU``mhc`GCGG`< cbci fg`5Xa]b`\underline{\cbci fg!gcgg4 i bgk "YXi "Ui `k]h\`mci f gi dYfj]gcf`Wcd]YX`]b`cb`Bcj Ya VYf`% ž`&$&$"$

.

Bc`\UfX`Wcdmgi Va]gg]cb`]g`fYei]fYX"`D`YUgY`Ybgi fY`h\Uhmci f`bUa Y`UbX`ghi XYbh`=8`bi a VYf`UfY`cb Yj YfmdU[Y`cZmci f`gi Va]gg]cb"

.

D`YUgY`bchY.`K \Yb`mci `gi Va]h`Ub`UggYgga Ybh`Uh`I BGK ž`mci `UfY`UW_bck `YX[]b[`th\Uhimci `\Uj Y i bXYfghccX`UbX`UV]XYX`Vmh\Y`I b]j Yfg]hmfYei]fYa Ybhg`]b`th\Y`dfYdUfUh]cb`cZth\Uh`UggYgga Ybh`]hYa ž`]bfYgdYWficZghi XYbh`UWJXYa]Wa]gWcbXi Wfici h`]bYX`]b`th\Y`EfgVW`f5aVWBa`{Uk`UbX`EfgVW`f? [eUa` VgUfBdaUW\gdWežVch\`cZk\]W\`UfY`Uj U]`UV`Y`Uh`\hdg.#ghi XYbh'i bgk "YXi "Ui #\\cbXi Wf"

.

Mci 'UfY'U'gc'XY\ i f'ck 'k c

FYh fb cZUgg][ba Ybhg

.

9 YWfcb]Wgi Va]gg]cbg'k]``VY'fYh fbYX'j]U'Ya U]`k]h\'k f]hhYb'ZYYXVUW_'Zfca 'YI Ua]bYfg"

.

H\Yala'UqqYqqa YbhdfcWXi fY

.

#D'Wcbgi `HUHJcb'k]h\ 'h\Y'fY`Yj Ubh'Gi dYfj]gcf'h\Y'7 ci fgY'7 cbj Ybcf'k]``'Uddc]bh'lk c'Yl Ua]bYfg'Zcf'YUW\ h\Yg]g'gi Va]H\YX'''l b'Ygg'h\YfY'UfY'gdYWJU''WJfW a gHUbW'g'fYei]f]b['h\Y'Uddc]bha YbhcZYl hYfbU'
Yl Ua]bYfgž'h\YgY'Yl Ua]bYfg'k]``'VY'XfUk b'Zfca 'Ua cb['h\Y'UWUXYa]WgHUZCZ'h\Y'GW\cc`'''9l Ua]bYfg'k]``
VY'dfcj]XYX'k]h\ 'h\Y'h\Yg]g'hc'VY'Yl Ua]bYX'hc[Yh\Yf'k]h\ 'h\Y'A Uf_]b['7 f]hYf]U'UbX'A Uf_]b['F Ydcfh': cfa "

.

HY'9IUa]bYfg'fYdcffg'UbX'a Uf_g'a i ghVY'fYhi fbYX'hc'h\Y'7 ci fgY'7 cbj Ybcf'Vmh\Y'Xi Y'XUhYž'i gi U``m kc'k YY_g'UZhYf'h\Y'XUhY'Zcf'gi Va]gg]cb'cZh\Y'h\Yg]g"

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CbfYWY]dhcZh\YfYdcfhqfca Yl Ua]bYfqfh\Y7ci fqY7cbj Ybcfk]``dfcWYX`UqfZc``ck q.

- %" ₹h\Y`a Uf_gʻgi Va]hh\X`Vmh\Y`YI Ua]bYfgʻXcʻbchiX]ZZYfʻVma cfY`h\Ubʻb]bY`a Uf_gʻUbX`UfY`k]h\]bʻh\Y gUa Y`[fUXY`WUh\[cfmžh\Y`a Uf_'U``cWUh\X`k]``VY`h\Y`Uj YfU[Y`cZh\Y`hk c`a Uf_g"
- &" ₹ħ\Y`a Uf_gʻgi Va]ħYX`X]ZYfʻVma cfY`h\Ub`b]bY`a Uf_gʻk]ħ\]b`U`WUhY[cfmcf`X]ZYfʻ]b`[fUXY WUhY[cf]Ygž'h\Y`7 ci fgY`7 cbj Ybcf`k]``Uddc]bhU`h\]fX`YI Ua]bYf"'H\Y`7 ci fgY`7 cbj Ybcf`k]``Uj YfU[Y`h\Y`a Uf_gʻcZh\Y`h\cYI Ua]bYfgʻWcgYghhc`YUW\`ch\Yf"'₹bYWYggUfmžcb`fYWY]dhcZh\Y fYdcfhUbX`a Uf_cZh\Y`h\]fX`YI Ua]bYfʻh\Y`7 ci fgY`7 cbj Ybcf`k]``Wcbg]XYfʻh\Y`h\fYY`a Uf_gʻUbXž`]Zh\YfY`UfY``Uf[Y`X]gWfYdUbW]YgžWcbgi`hk]h\`U``h\fYY`YI Ua]bYfgʻhc`gYY_`U[fYYa Ybhcb`U`Z]bU`a Uf "
- '" + 10 h Y Yj Ybh bc U[fYYa Ybh]g fYUW YX U``fYdcfhg k]``VY Zcfk UfXYX hc h Y 8 Ydi hm < YUX cZGW cc`f@YUfb]b[/ 'HYUW]b[ŁUbX Dcgh fUXi UhY Dfc[fUa '7 cbj Ybcfg Zcf XYhYfa]bUh]cb cZh Y Z]bU`a Uf_Zcf h Y h Yq]q"

.

8YhYfa]bUh]cb cZ:]bU 5ggYgga Ybh

H\Y`7ci fgY`7cbj Ybcf`k]```bchjZmgh XYbhg`cZh\Y`ci hWca Y`cZh\Y]f`UggYgga YbhUbX`dfcj]XY`XY!]XYbhjZjYX Wcd]Yg`cZh\Y`YI Ua]bYf'g`fYdcfhg"

.

7f]hYf]UcZ9jUiUh]cb

5`][ba Ybh 'h\Y'YI hYbh'hc'k \]W\"]XYUg'UfY'dfYgYbhYX'Wc\YfYbhmiUbX'k]h\"WYUf'dfc[fYgg]cb'Zfca 'fYgYUfW\ ei Ygh]cb h\fci [\hc WcbWl g]cb 5f[iaYbh'h\Y'YIhYbh'c'k\]W\'h\Y'Uf[iaYbh]q'XYjY'cdYX']b'U'WYUf'UbX'Wc\YfYbhkUm 9j]XYbWY. \ck \UbX'hc'k \UhXY[fYY'h\Y'Y]]XYbWY'gci fWYX'Zfca \Ui h\cf]h\Yg']b'h\Y'Z]Y'X'cf'XUhU'Wc``YWYX']q]bhY[fUhYX`UbX`igYX`hc`gighU]b`h\Y`Uf[iaYbh 5bU`mg]g. 'h\Y`YI hYbhcZfYZYWfj Y`UggYgga Ybh'/ 'UddfU]gU``cZghfYb[h\g'/ ``]a]hUh]cbg`cZdfYj]ci g`k cf_ UbX#cf'ck b'k cf_/X]qWd\]bY'dUfUX][a g'UbX'a Yh\cXc\c[]Yq'UbX'h\Y]f'Udd\]WUhcb'hc'h\Y'fYqYUfW\'ei Yqhcb qci fWyqžXUhU~UbX~Z|bX]b[q a d'] Wuhicbq'UbX'7cbWi qicbq. 'qlUhYa YbhcZh\Y'a YUbib['UbX'fY'Yi UbW'cZZbX]b[q'hc'ch\Yf fYgYUfWx#JbX'cf'h\Ycf]Yg'dfYj U'Ybhi]b'h\Y'Z]Y`X 7 fYUhjj]lm/ =bXYdYbXYbW. h\YYI hYbhcZ]bbcj Uhj Y`cf']a U[]bUhj Y`UddfcUV\Yg`hc'h\Y'h\Yg]g 7 cbff]Vi hcb hc h Y Z|Y X. XYHYfa |bUhcb cZh Y dch Ybh U`|mcZ Z|bX]b[g |b |XYbh Zmb['U' [Ud cf 'UX | UbW|b[$bck YX[Y'k]h\]b'hY'X]gW]d'bY$

DfYgYbhJhjcb. i gY cZ Ub[i U[Y#WUf]mmUbX UWUXYa]WWcbj Ybhjcbg gi W. Ug fYZYfYbWjb[

F YWca a YbXYX F Ygci fWYg 7ci fgY '9j U'i Uh]cb 'UbX '8Yj Y`cda Ybh

Gi Va]gg]cb cZ5ggYgga YbhHUg_g Hi fb]h]b Gi Va]gg]cb

-Zmci 'YbWci bhYf'U'dfcV`Ya 'k \Yb'UhhYa dh]b['hc'gi Va]hmci f'Ugg][ba Ybhh\fci [\'Hi fb]h]bž'd`YUgY hY`Yd\cbY'9I hYfbU``Gi ddcfhcb'-',)'''' %cf'Ya U]`'h\Ya 'cb'YI hYfbU`hY`hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh

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=hWbihU_Yia Ubm Zcfa qžZfca iXYi]VYfUhYiWXYUh]b[ihciUWW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hUW_bck iYX[Ya Ybh'

IBGK '[fci dg'd'U[]Uf]ga ']bhc'h\Y'Zc``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 hcf']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'dfc YWhgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]h'

± Uddfcdf]UhY 'dUfUd\fUg]b[.'7\Ub[]b['U'ZYk'k cfXg'UbX'd\fUgYg'k\]'Y 'a cghmfYhU]b]b['h\Y'cf][]bU' ghfi WhifY'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZh\Y'cf][]bU'žUbX']bZcfa UhJcb'k]h\ci hUW_bck 'YX[Ya Ybh''H\]g'U'gc Udd']Yg']b'dfYgYbhUhJcbg'k\YfY'gca YcbY'dUfUd\fUgYg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]hUbX'hc d]YW]b['hc[Yh\Yf'ei chYg'UbX'dUfUd\fUgYg']bhc'U'bYk'k\c'Yž'k]h\ci h'Uddfcdf]UhY'fYZYfYbW]b['"

7 c``i g]cb.'k cf_jb['k]h\ch\Yfg'Vi hdUgg]b['cZZh\Y'k cf_'Ug'U'dYfgcb'g']bX]j]Xi U``k cf_"'7 c``i g]cb'U`gc]bWi XYg'dfcj]X]b['mci f'k cf_'hc'Ubch\Yf'gh XYbhVYZcfY'h\Y'Xi Y'XUhYžcf'Zcf'h\Y'di fdcgY'cZh\Ya d`U[]Uf]g]b['UhUbmh]a Yž'dUm]b['Ubch\Yf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]WhUg_žghYU`]b['cf'UWei]f]b[Ubch\Yf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wcdm]b[']hz'cZZYf]b['hc'Wca d'YhY'Ubch\Yf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZcf'Wca d'Yh]b['UWUXYa]Wk cf_"

±DUddfcdf]UhY`W]hUh]cb. '7]h]b['gci fWYg'k \]WX`\Uj Y`bchVYYb`fYUXžk]h\ci hUW_bck `YX[]b['h\Y`″gYWcbXUfm″gci fWY`Zfca 'k \]WX`_bck `YX[Y`cZh\Ya`\Ug'VYYb`cVhJ]bYX"

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]`]h]Yg'Ug'U'gh XYbhUhI BGK
 VY'Uk UfY'cZd`U[]Uf]ga ž'Wcdmf][\hz'I BGK 'Gh XYbh7cXY'cZ7cbXi WhUbX'5VWWdhUV`Y'I gY'cZ IBGK =7 HF Ygci fWrg Dc`]Wh

5 WUXYa]W + DZcfa Uhjcb

: cf'YggYbhJU`gh XYbh]bZcfa UhJcb fY`UhJb[hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY 'gi Va]gg]cbg '[i]XY`]bYg/
- fYj]Yk 'cZa Uf_g/
- I BGK < YU`h\ UbX GUZYmdc`]W]Yg/
- YI Ua]bUh]cb dfcW/Xi fYg/
- gdYWJU``Wcbg]XYfUHjcb']b'H\Y'Yj YbhcZ]``bYgg'cf'a]gUXj Ybh fY/
- gh XYbhYei]hmUbX'X]gUV]`]hm/
- UbX'ch\Yf'YggYbhJU`'UWUXYa]W]bZcfa UhJcbž'gYY