

ARTS1210

7cbWdhg'cZ5g]U

HYfa &Z&\$&&

7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]fm	@cW]h]cb	D\cbY
A]bU`F cW]g	a "fcW]g4 i bgk "YXi "Ui	D`YUgY`W`bHJW]j]U Ya U]`	A cfj Yb 6fck b") -	

Hi hcfg

BUa Y	9a U]`	5j U]`UV]`]fm	@cW]h]cb	D\cbY
>Ua Yg`DUi ``	^dUi ``4 i bgk "YXi "Ui	D`YUgY`W`bHJW]j]U Ya U]`	A cfj Yb 6fck b" &(

GW]cc``7cbHJW]`bZcfa U]h]cb

GW]cc``cZ<i a Ub]h]Yg/`@Ub[i U[Yg

@cW]h]cb. GW]cc``C Z]W]Z`A cfj Yb 6fck b`6i]X]b[ž@Yj Y``&ž&),

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

HY : \$&:-' (, '\$(\$*

9a U] : [\U`4 i bgk "YXi "Ui](#)

5W_bck `YX[Ya YbhcZ'7ci blfm

I BGK '5fjz8Yg][b'UbX'5fWk]fYWi fY?Ybg]b[hcb'UbX'DUXX]b[hcb'Wla di gYg'UfY'Vi]hcb'5Vcf][]bU`

7ci fgY'8YHJ]`g

I b]hg'cZ7fYX]h*`

Gi a a UfmicZh\Y'7ci fgY

H\]g'; UHrk UmVci fgY]bffcXi Wg'mci `hc`h\Y`X]ZYfYbhVci bff]Yg`h\Uha U_Y`i d`h\Y`5g]Ub`fY[]cb`UbX`h\Y]bHfX]gW]d`]bUfma YhcXg`i gYX`hc`fYgYUfW`UbX`gh`Xm5g]U`f_bck b`Ug`5g]Ub`Gh`X]Ygl`I`g]b[`Ub`U`!5g]U UddfcUW`k`]h`U`ZcW`g`cb`h\Y`h`Ybh]Yh`W`bh`fnz`]hk`j`[]j`Y`mci`U`VfcUX`_bck`YX[Y`cZh\Y`X]j`Yfg]mhcZh\Y gcW]Y]Yg`h\U`hVcbg]h`h`Y`5g]U`Mci`k`j`Y`Ufb`UVci`h`h\Y`X]ZYfYbhW`h`fYg`h\Uha U_Y`i d`9Ugtz`Gci`h`UbX`Gci`h\Y`Ugh5g]Uz`]bW`X]b[`fY`][]cbz`[YbYfU`Vc`cb]U`\\]g]f]YgZ`Vc`bg]fi`W]cbg`cZ[YbXYfz`5g]Ub`W]YgZ`h\Y dc`]h]Vg`cZXYa`cWUW]mUbX`Ui`h`cf]h]f]Ub]ga`z`UbX`h\Y`Vc`bbYV]cbg`VYh`YYb`5g]Ub`ZcX`UbX`Y`h`b]W]XYbh]h]Yg"

7ci fgY@YUfb]b[`Ci hVca Yg

%`5fh]W`UH`U`VfcUX`VcXmcZ_bck`YX[Y`UVci`h`h\Y`X]j`Yfg]mUbX`XmbUa`]Vg`cZh\Y`5g]Ub`fY[]cb &`8YgW]VY`_YmYj`Ybhgz`dYcd`Yz`UbX`h`YbXg`Vc]`YfYX`Vmi`h]g`Vci`fgY` '``5bgk`Yf`ei`Ygh]cbg`dcgYX`i`g]b[`Uf[i`a`YbhUbX`Yj`]XYbW` ("`A`U_Y`gVkc`UfmUf[i`a`Ybh]i`g]b[`]bXYdYbXYbhmi`cW]h`X`Yj`]XYbW`

HYUW]b[`GhfUH[]Yg`

H\]g`Vci`fgY`]g`XYg][`bYX`hc`h\Y`d`mci`XYj`Y`cd`U`ei`Ygh]cb]b[`a`]bX`k`h\Yb`UddfcUW]b[`h\Y`gh`XmcZ5g]U` H\Y`YW]h`fYg`dfcj`]XY`VUW_[`fci`bX`]bZcfa`U]h]cb`UbX`]bffcXi`W`h\Y`cfY]h]W`UbX`UbU`m]h]W`d`YfgdYW]h]Yg`UbX`

5ggYgga Ybh

D`YUg`Y`g`Y`Y`h`Y`A`cc`X`Y`g`]h`Z`c`f`U`h`U`W`k`a`Y`b`h`g`c`b`.

f%&`Hi`h`c`f`U`f`Y`U`X`]b`[`g`U`b`X`e`i`Y`g`h`c`b`g`Z`c`f`h`Y`f`Y`g`d`c`b`g`Y`g`h`c`f`Y`U`X`]b`[`g`U`b`X`h`h`c`f`U`X`]g`W`g`g`c`b`z`U`b`X`h`Y`X`Y`H`U`]`g`Z`c`f`h`Y`c`b`!`]b`Y`U`W`]j`]m`i`h`c`V`Y`X`]g`W`g`g`Y`X`U`g`c`]b`h`h`c`f`U`g`f`h`Y`a`U`h`Y`f`U`]b`h`Y`c`b`!`]b`Y`U`W`]j`]h`Y`g`k`]`U`g`c`V`Y`]b`W`i`X`Y`X`]b`h`Y`W`U`g`g`h`Y`g`h`"

f&L`@`Y`W`i`f`Y`U`b`X`c`i`h`g`k`k`]`V`Y`j`Y`f`m`i`g`Y`Z`Z`Z`c`f`U`]b`[`b`c`h`Y`g`U`b`X`Z`c`f`Y`j`]Y`k`]b`[`Z`c`f`h`Y`W`U`g`g`h`Y`g`h`"

f`l`E`<`U`b`X`c`i`h`g`]b`h`Y`A`cc`X`Y`g`]h`Y`i`b`X`Y`f`h`Y`Z`c`X`Y`f`"9`g`g`U`m`g`"k`k`]`U`j`Y`h`Y`W`]h`Y`f`U`U`b`X`b`c`h`Y`g`U`V`c`i`h`Z`c`f`b`c`h`Y`g`"

5ggYgga YbhUg_	K Y][\h	8i Y`8UH`	7ci fgY`@YUfb]b[Ci hWc a Yg`5ggYggYX
%`F`Y`g`d`c`b`g`Y`g`h`c`f`Y`U`X`]b`[`g`	&\$i	%`(``#`\$`*`#`&`\$`&&`\$`*`.\$`\$`D`A`	'
&`<`]g`h`c`f`]W`U`]g`]h`Y`Y`I`Y`f`W`]g`Y`	&\$i	%`#`\$`+`#`&`\$`&&`\$`.)`.\$`\$`D`A`	(
'`"``H`Y`g`h`	&\$i	\$`%`#`\$,`#`&`\$`&&`%`%`\$`\$`5`A`	%`z`'`&`z`'
("`A`U`c`f`9`g`g`U`m`	(`\$i	\$`,`#`\$`+`#`&`\$`&&`\$`.)`.\$`\$`D`A`	%`z`'`z`(`

5ggYgga Ybh%`F`Y`g`d`c`b`g`Y`g`h`c`f`Y`U`X`]b`[`g`

G`H`U`f`h`X`U`H`Y`."`\$`#`\$`)`#`&`\$`&&`\$`-`.\$`\$`5`A`
 5ggYgga Ybh`Y`b`[`h`l`."`W`\$`\$`k`c`f`X`g`
 8i`Y`X`U`H`Y`."`%`(``#`\$`*`#`&`\$`&&`\$`*`.\$`\$`D`A`

G`h`X`Y`b`h`g`i`V`a`]h`U`f`Y`g`d`c`b`g`Y`f`W`U`")`\$`\$`!`*`\$`\$`k`c`f`X`g`E`h`c`g`Y`h`e`i`Y`g`h`c`b`g`c`b`U`k`Y`Y`_`m`i`f`Y`U`X`]b`[`V`Y`Z`c`f`Y`c`b`Y`h`h`c`f`U`":`Y`Y`X`V`U`W`_`]g`V`m`]b`X`]j`]X`i`U`W`c`a`a`Y`b`h`g`z`U`b`X`]b`!`W`U`g`g`X`]g`W`g`g`c`b`"

H`\`g`U`g`g`][`b`a`Y`b`h`]g`g`i`V`a`]h`Y`X`h`f`c`i`[`\`H`i`f`b`]h`b`U`b`X`g`h`i`X`Y`b`h`g`W`U`b`g`Y`Y`H`i`f`b`]h`b`g`j`a`]`U`f`]m`i`f`Y`d`c`f`g`"

5XX]h]c`b`U`X`Y`H`U`]g`

G`Y`Y`h`Y`Z`]Y`c`b`h`h`c`f`U`f`Y`U`X`]b`[`g`U`b`X`e`i`Y`g`h`c`b`g`]b`W`i`X`]b`[`h`c`g`Y`Z`c`f`h`l`g`U`g`g`Y`g`g`a`Y`b`h`]b`U`Z`]Y`i`d`c`U`X`Y`X`]b`h`Y`A`cc`X`Y`g`]h`Y`"

5ggYgga Ybh&`<`]g`h`c`f`]W`U`]g`]h`Y`Y`I`Y`f`W`]g`Y`

G`H`U`f`h`X`U`H`Y`."`\$`#`\$`)`#`&`\$`&&`\$`-`.\$`\$`5`A`
 5ggYgga Ybh`Y`b`[`h`l`."`W`\$`\$`k`c`f`X`g`
 8i`Y`X`U`H`Y`."`%`#`\$`+`#`&`\$`&&`\$`.)`.\$`\$`D`A`

G`h`X`Y`b`h`g`i`V`a`]h`U`f`Y`g`d`c`b`g`Y`f`W`U`"]h`Y`]b`U`b`m`5`g`]U`b`W`c`i`b`h`f`m`U`b`X`g`d`Y`U`_`Z`c`f`"a`]b`i`h`Y`g`U`V`c`i`h`k`\`U`h`h`Y`g`]h`Y`W`c`a`a`Y`a`c`f`U`H`g`U`b`X`k`\`U`h`Y`Y`a`Y`b`h`g`U`V`c`i`h`h`Y`g`]h`Y`g`\`]g`h`c`f`m`]g`Z`c`f`[`c`h`Y`b`]b`h`Y`b`U`h`]c`b`U`a`Y`a`c`f`m`G`h`X`Y`b`h`g`i`V`a`]h`U`c`b`Y`!`d`U`[`Y`V`]V`]c`[`f`U`d`\`m`c`Z`g`c`i`f`W`g`W`c`b`g`i`h`Y`X`Z`c`f`h`Y`]f`d`f`Y`g`Y`b`h`U`h`c`b`"

: YYXVUW_]g`Vm]bX]j]Xi U`Wca a YbhgžUbX`]b!WUgg`X]gW gg]cb"

H\]g`Ugg][ba Ybh]g`gi Va]HhX`h\fc i [\ `Hi fb]h]b`UbX`ghi XYbhg`Wb]gYY`Hi fb]h]b`gja]`Uf]mifYdcffg"

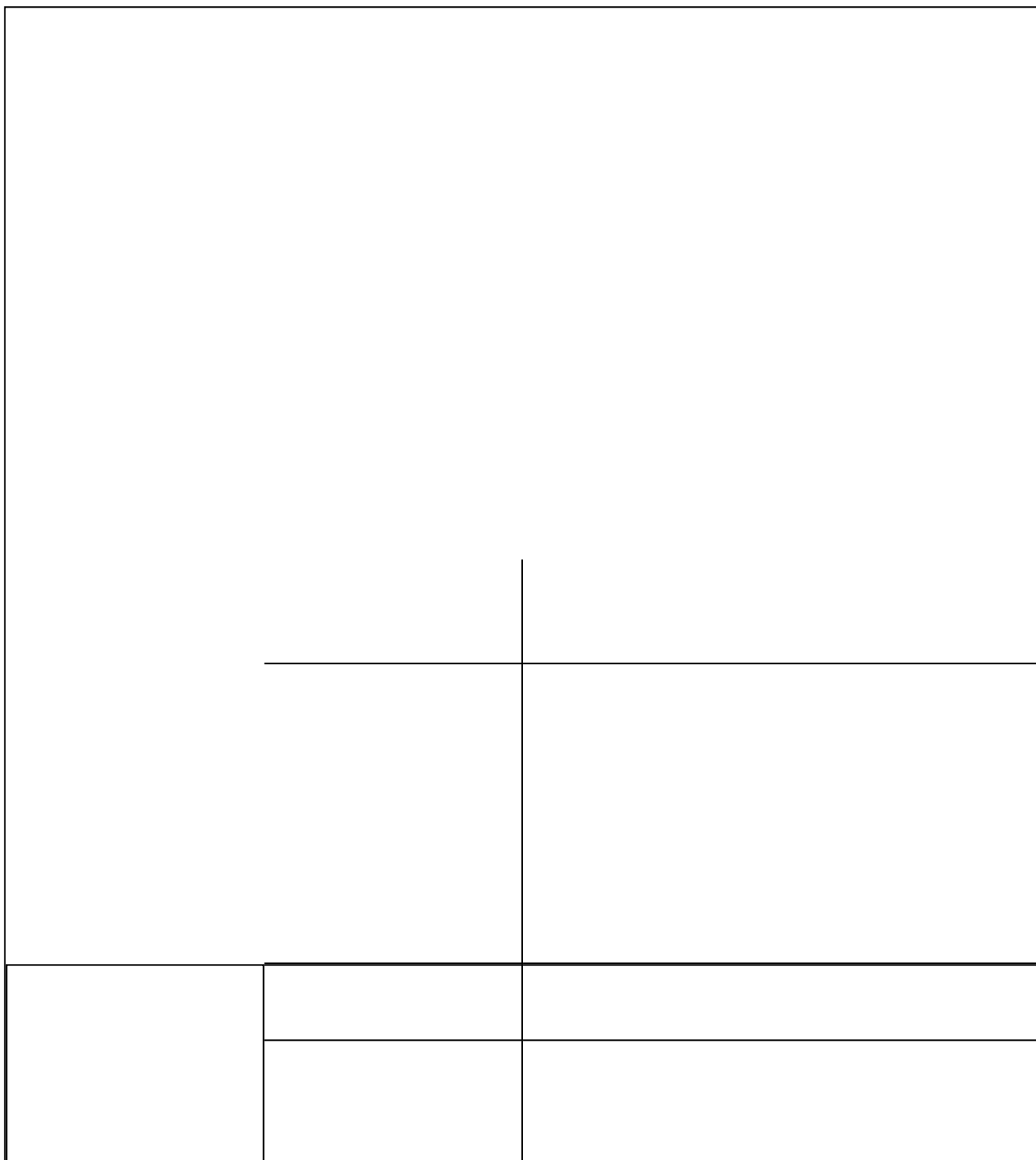
5XX]h]cbU`XYHJ]`g

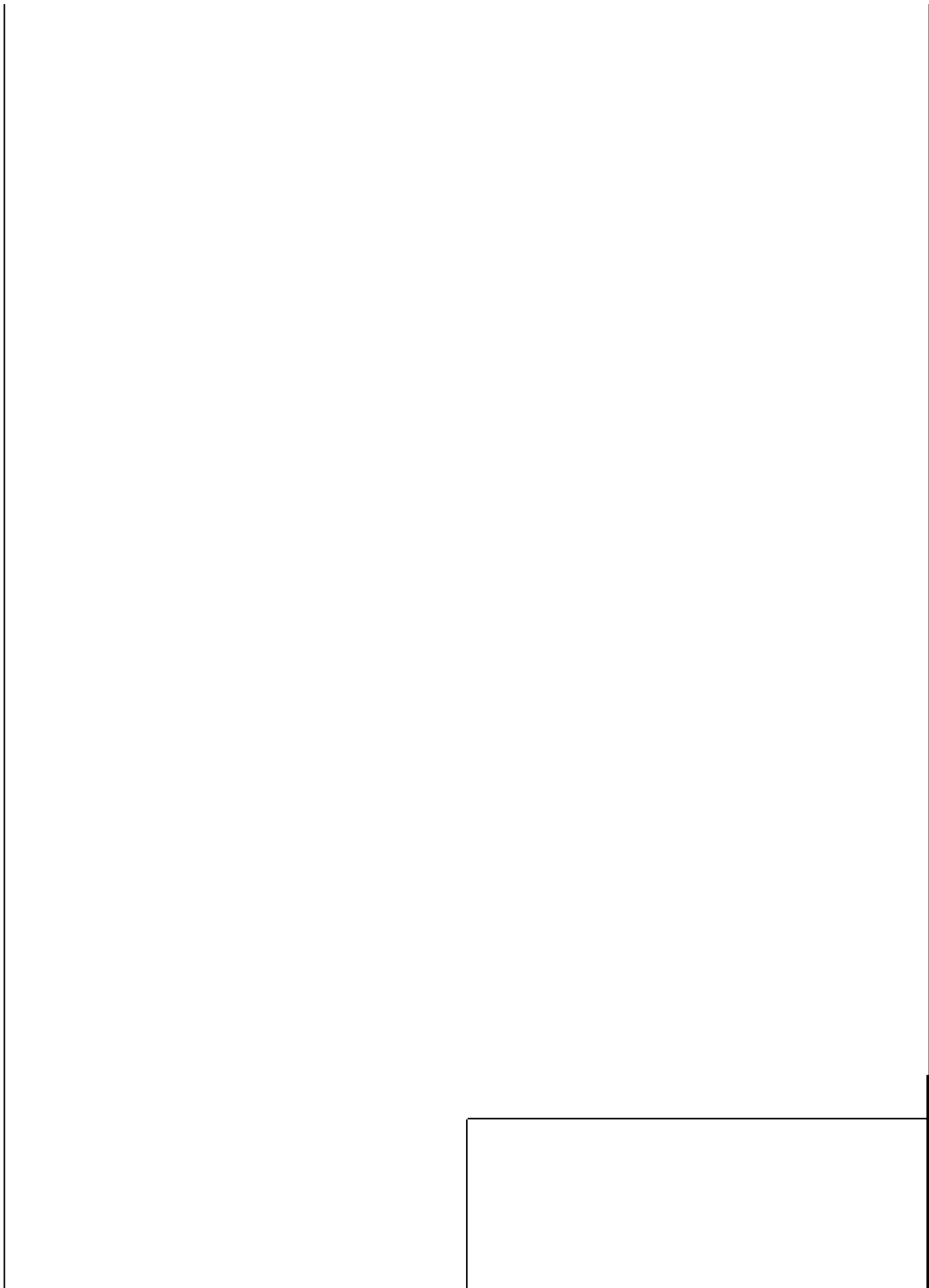
5b`Ybh]fY`YWhi fY`]g`XYj chX`hc`ck`hc`Xc`h\]g`YI YfW]gY""@]ghY`b`hc`h\Y`YWhi fY`Z]fghVYZ`fY`Xc]b[`h\Y`
UggYgga Ybh`GYY`h\Y`YWhi fY`UbXci hZcf`h\Y`fY`Yj Ubh`YWhi fY`Zcf`YI Ua d`Yg`UbX`a Uf_]b[`W]hYf]U""Gh XYbhg`
g\ci `X`B`C`H`Xc`h\Y`gUa Y`]\]g]hcf]W]`g]hY`g`dfYgYbhX`Ug`YI Ua d`Yg`]b`h\]g`YWhi fY`"H\]g`]g`mci f`cf][]bU`
fYgYUfW`dfc`YWhiUbX`mci`UfY`h\Y`k`cfX]g`YI dYfhcb`mci f`W]cgYb`hcd]W

h`UXX]h]cbž`h\Y`XcW a YbhUfmicb`H\Y`hXcbYg]Ub`?`]"b[g`Ugg][bYX`Ug`Ub`cb`]bY`UWhj]mizcf`K`YY_` ; []j`Yg`
cbY`YI Ua d`Y`cZU`]\]g]hcf]W]`Yj Ybh`h`U`h`Ug`VYYb`fZcf[chY`bf]b`cZ]W]U`hXcbYg]Ub`]\]g]hcf]Yg`"H\]g`k`]"`Y`d`
k]h`mci f`]\]g]hcf]W]`g]hY`YI YfW]gY`h\ci [\ `mci`g\ci`X`B`C`H`W]ccgY`h\]g`gUa Y`Yj YbhVYW]i`gY`hXc`bchik`Ubh`
mci`hc`VY`fYdYU]h]b[`h\Y`XcW a YbhUfmiZcf`mci f`dfYgYbhU]h]cb"

8i Y`XUHy. '\$, #+&\$&&'\$) . \$\$'DA

F YgYUfWx`9ggUm†





		hcd]WZcf'mci f'ck b'\]ghcf]WJ`g]hY`YI YfW]gY""H\]g XcW a YbhUfmi]g Ugg][bYX'hc []j Y'mci 'Ubch\Yf'XYU cb'\ck 'hc'UddfcUWX'h\]g'YI YfW]gY""
	5ggYgga Ybh	<]ghcf]WJ`g]hY`YI YfW]gY
K YY_'.&)'>i`m!`&- >i`m	@YWhi fY	DUfh%'C f]YbhU`]ga DUfh&.'8 fYgg'UbX'X'Ybh]m]b'5g]U
	Hi hc f]U`	<]ghcf]WJ`G]hY`9I YfW]gY'DfYgYbhU]cbg'7 cb]bi YX"
	C b`]bY'5W]j]m	: YUh fY':]a 'H\Y'?]b['UbX'=!]'Uj U]UV'Y'h'fci [\ h\Y'I B G K '>@VfUfm? Ubcdm]gfYUa]b['f]h]g'U'gc UW]gg]V'Y'h'fci [\ h\Y'@9[Ubhc'']b_`Zcf'h\Y W`i fgYE""H\]g]g'U'hk c'\ci f'Z'a 'gc'h\Y'cb`]bY UW]j]mW`b]bi Yg'bYI hk YY_"
K YY_`%\$.`%5i [i gh!') 5i [i gh	@YWhi fY	C b`]bY'7`Ugg H\Ygh`Gh XYb]g W`a d'Yh' h\Y'cb`]bY WUgg'h\YghXi f]b['h\Y`YWhi fY'h]a Y'cb'A cbXUmz 5i [i gh%z &\$&&Zfca '-!%Ua "
	Hi hc f]U`	<]ghcf]WJ`G]hY`9I YfW]gY'DfYgYbhU]cbg'7 cb]bi YX"
	C b`]bY'5W]j]m	: YUh fY':]a . 'H\Y'?]b['UbX'='W`b]bi YX'
	5ggYgga Ybh	HYgh

F Ygci fWg

DfYgWf]VYX F Ygci fWg

H\YfY'jg'bc'hI hcc_'fYei]fYX'Zcf'hY'Wci fgY"

GYY'hY'A ccX'Y'G]h'Zcf'hY'Z]Y'cb'"Hi hcf]U'F YUX]b[g'UbX'E i Yghcbg'Zcf'8]gW gg]cb"'i bXYf'hY'\YUX]b["7 cbhYbhtg'UbX'F Ygci fWg" Zcf'hY'"ghcZfYUX]b[g'fYei]fYX'Zcf'YUW'k YY_"'F YUX]b[g'Zcf'h hcf]U'g'UfY UWW'gg]V'Y'Y'Y'W'fcb]W]m'h'fci [\ 'hY'@]VfUfm@Y[Ubhc'gmghYa 'Ya VYXXYX']b'hY'A ccX'Y'g]h'Zcf'hY Wci fgY"'7]M'cb'hY [fYyb']Wcb'Ybh'hYX'F Yei]fYX'F YUX]b[g'Zcf'Hi hcf]U'g'"

H\Y'"b_g'h'hc'hY'cb']bY'UW]j]hYg'UfY'U'gc'Uj U]UV'Y'h'fci [\ 'hY'@]VfUfm@Y[Ubhc'gmghYa "'GYUfW'Zcf']h]b hY'fY'Yj Ubhk YY_"

F YWca a YbXYX F Ygci fWg

GYY'a m\UbXci hcb'9ggUmei Yghcbg'UbX'V]V'c[fUd\]Yg"

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

: YYXVUW_k]"VY'[U]bYX'h'fci [\ 'A m9I dYf]YbW'Uh'hY'YbX'cZhf'a "'=\Uj Y'fYgdcbXYX'hc'hY'ZYXVUW_Vmi fYXi W]b['hY'UggYgga Ybh'"@UghmYUf'f&\$&\$&L'h'c'fYgdcbgYg'hc'fYUX]b[g'k YfY'fYei]fYX": fca '&\$&%=\Uj Y'fYXi W'X'h]g'hc'cb'm%fYgdcbgY'hc'fYUX]b['Xi Y']b'k YY_" "

h'&\$&\$'hY'Wci fgY'k Ug'hUj [\ hZ "'micb']bY'Zcf'hY'Z]fgh]a Y'Xi Y'hc'7cj]X!%- 'fYgh]W]cbg" H\Y'Wci fgY Yj U'i Uh]cbg'k YfY'YI W'Yb'h' h'fYgdcbgY'hc'hY'ei Yghcb'"Cj YfU"'=k Ug'gUh]gZ]YX'k]h'hY'ei U']micZ'hY Wci fgY'z'5F HG%&%\$'fYW]j YX'U'gW'fY'cZ) ") - #'k \]Y'hY'gW'cc'Uj YfU[Y'a Uf_'k Ug) "\$\$" h'fYgdcbgY'hc'hY'ei Yghcb.'"Cj YfU"'=k Ug'gUh]gZ]YX'k]h'hY'ei U']micZ'h]g'X%o ") - #

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

Hifp]h]bGi Va]gg]cb

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

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W`k`]h`c`i`h`U`W`b`c`k` `Y`X[`Y`a` `Y`b`h`

