



ARTS2050

5WUXYa]WK f]h]b['Zcf'h\Y' < i a Ub]h]Yg

GYa YghYf'Hk c''##'&\$%



7ci fgY`Cj Yfj JYk

`GHUZZ7cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]`]m	@cWU]cb	D\cbY
7\fg`C U_Ym	WcU_Ym# i bgk "YXi "Ui	&!` da `A cbXUmžVm Uddc]bha Ybh	H67	F YZf`Ya U]`

GW`cc``7cbhUW`i`bZcfa Uh]cb

Fcca "` %&ž`Yj Y`` `F cVYfhiK YVghYf`6i]X]b[

D\cbY.`f\$&Ł`-` ,) `(,) *

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

K YVg]hY: [\hfdg.#gUa "Ufng"i bgk "YXi "Ui](#)

H\Y`GW`cc``cZ`hY`5fng`UbX`A YX]U`k ci `X``_Y`hc`F YgdYW`z`m5W`bck`YX[Y`hY`HfUX]hcbU``7i g`hX]Ubgž`hY`6YXY[U`fP`Ybg]b[hcb`WUa`di`gŁž;`UX][U`f7`]mUbX`5fhi`8Yg][b`7 Ua`di`gYgŁ`UbX`hY`B [i`bbUk`U`dYcd`Y`fBi`ghfU]Ub`8YZf`bW` : cfW`5WUXYa`m]b`7 UbVYffUŁcZ`hY`UbXg`k`YfY`YUW`WUa`di`g`cZI`BGK`]g`c`WU`hY`X"

5`hY`bX`Ub`W`F`Yei`]f`Ya`Y`bhg

5`ghi`XYbh]g`YI`dYW`X`hc`U`hY`bX`U``WUgg`W`cbhUW`i`ci`fg`Zcf`U`ZJW`!`h!`ZJW`ifl`&`Ł`cf`V`Yb`XYX`W`ci`fgY`UbX`W`ca`d`Y`h`U``UW`j`]hYg`Zcf`U`V`Yb`XYX`cf`Z`mcb`]bY`W`ci`fgY"

5`ghi`XYbhk`c`Uff]j`Yg`a`cfY`h`Ub`%)`a`]bi`hYg`U`hY`a`UmVY`dYbU`]gYX`Zcf`bcb!`U`hY`bX`Ub`W``Zgi`W`U`dYbU`m

: cf`YggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[`rc.`fYei Yg]g`Zcf`YI hYbg]cb/fYj]Yk `cZa Uf_g/cVW dUh]cbU`YU`h

7ci fgY'8YhJ]g

""hY`G\cfhf'k f]h]b[g`fUg_]g`U]a YX`UhUW\]Yj]b[``YUfb]b[`ci hWca Yg`%` `UbX`XYj Y`cd]b[`9b[`]g\`
[fUXi UhY`Uhf]Vi hYg`%z` z`*"

""hY`9I hYbXYX`YggUm]g`U]a YX`UhUW\]Yj]b[``YUfb]b[`ci hWca Yg`%` z`UbX`XYj Y`cd]b[`9b[`]g\` [fUXi UhY`
Uhf]Vi hYg`%z` z`(z)` `UbX`*`

.
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5ggYgga Ybh

5F HG&\$) \$! '5WXYa]WK f]h]b['Zcf'hY'<i a Ub]h]Yg

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h		

Gi Va]gg]cb'cZ5ggYgga YbhHUg_g

Gh XYbHg'UfY'YI dYW'X'hc'di h'Y]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[Y'cZ'Y]f'Ugg][ba Ybhg"

Hi fb]hb'Gi Va]gg]cb

zmc i'YbWci bhYf'U'dfcV'Ya'k \Yb'U'HYa dh]b['hc'gi Va]hmc i f'Ugg][ba Ybh'fci [\ 'Hi fb]hb'z'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfh'cb'-' ,) ' ' ' %cf'Ya U]'h'Ya 'cb' [YI HYfbU'HY'f'gi ddcfh' i bgk "YXi "Ui."](#) Gi ddcfh
\ci fg'UfY' , .\$\$Ua '-' %\$. \$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '-) . \$\$da 'cb'k YY_YbXg'f'*) 'XUmg'U'm'Uf'z' zmc i
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba Ybh'Xi Y'hc'U'Zi 'hk]h'Hi fb]hb' b' mci 'a UmiUdd'm'Z'f'Ub'YI HYbg]cb'z'Vi hmc i
a i gh'f'Y]b' mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfh'f'U'cb['k]h'Ubmc'h'Y'f'f'Y'j Ubh'Xc'W a Ybh'g'k'hc
]b'Wi XY'Ug'Yj]XYb'W'hc'gi ddcfh'mci f'YI HYbg]cb'Udd']W]h'cb" zmc i 'Ya U]'9I HYfbU'Gi ddcfh'mci 'k]`
Ui 'hca U]W'W'm'f'Y'W'j Y'U'h]W_Yhbi a VYf'z'Vi h]Zmc i 'HY'Yd\cbY'mci 'k]`b'Y'X'hc'gd'Y'W]W'm'Ug_'Z'f'cbY"
Hi fb]hb'U'gc'd'fcj]XYg'i dXU'HY'g'cb'h'Y]f'gm'gh'Ya 'gh'U'h'g'cb'Hk]h'Y'f"

; YbYfU'm'z'UggYgga YbhHUg_g'a i gh'VY'gi Va]h'Y'X'Y'Y'W'f'cb]W'm'j]U'Y]h'Y'f'Hi fb]hb'cf'U'A cc'X'Y
Ugg][ba Ybh'f' b]bg'h'Ub'W'g'k \Y'f'Y'h']g']g'b'chid'cgg]V'Y'z']hk]`VY'g'h'U'Y'X'cb' mci f'W'ci fg'Y'g'A cc'X'Y'g]h'k]h'
U'h'f'Y]b'U'h] Y'gi Va]gg]cb'XY]h]g"

@UH'5ggYgga YbhDYbU'h]Yg

Gh XYbHg'UfY'f'Y'gd'cbg]V'Y'Z'f'h'Y'gi Va]gg]cb'cZUggYgga YbhHUg_g'Vmi'h'Y'f'Yei]f'Y'X'XU'HY'g'UbX'h'a Yg"
8Yd'YbX]b['cZ'Y'YI HY'bh'cZ'X'Y'Um]b'h'Y'gi Va]gg]cb'cZUb'UggYgga YbhHUg_'dUgh'h'Y'Xi Y'XU'HY'UbX'h'a Yz

- K cf_gi Va]hYX`%\$`hc`%-`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`VY`UggYggYX`UbX`ZYXVUW`dfcj`]YX`Vi`hU`a`Uf`_`cZnYfc`k`j`VY`fYW`fYX`"Z`h`Y`k`cf`_`k`ci`X`U`j`Y`fYW`j`YX`U`dUgg`a`Uf`_`Vi`hZ`f`h`Y`U`h`b`Y`gg`UbX`h`Y`k`cf`_`]g`U`W`a`di`gc`fm`W`i`fg`Y`W`a`dcb`Y`bh`f`i`f`X`Y`f`Y`ei`]f`Y`a`Y`b`h`Z`U`g`h`X`Y`bh`k`j`VY`X`Y`a`Y`X`h`_`U`j`Y`a`Y`h`h`U`h`f`Y`ei`]f`Y`a`Y`bh`/`
- K cf_gi Va]hYX`&\$`cf`a`cf`Y`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`bch`VY`U`W`W`d`h`X`Z`f`UggYgga`Ybh`UbX`k`j`fYW`j`Y`bc`ZYXVUW`z`a`Uf`_`cf`[`f`U`X`Y`"Z`h`Y`UggYgga`Ybh`U`g`_`]g`U`W`a`di`gc`fm`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`U`g`h`X`Y`bh`k`j`fYW`j`Y`Ub`l`bg`U`h`g`Z`U`W`c`fm`:`U`j`f`l`:`k`[`f`U`X`Y`U`g`U`f`Y`gi`h`c`Z`i`bg`U`h`g`Z`U`W`c`fm`d`Y`f`Z`c`fa`Ub`W`_`]b`Ub`Y`gg`Y`bh`]U`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`"

H\]g`]bZ`c`fa`U`h`c`b`]g`U`g`c`U`j`U`j`\$ %o`fm %o` %o` %o`

5 WUXYa]W<c bYghmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[`hc`UWV]XYbhU`mW`dm]b[`Zca `U`gci fW`k]h`ci hUW_bck`YX[Ya Ybh`

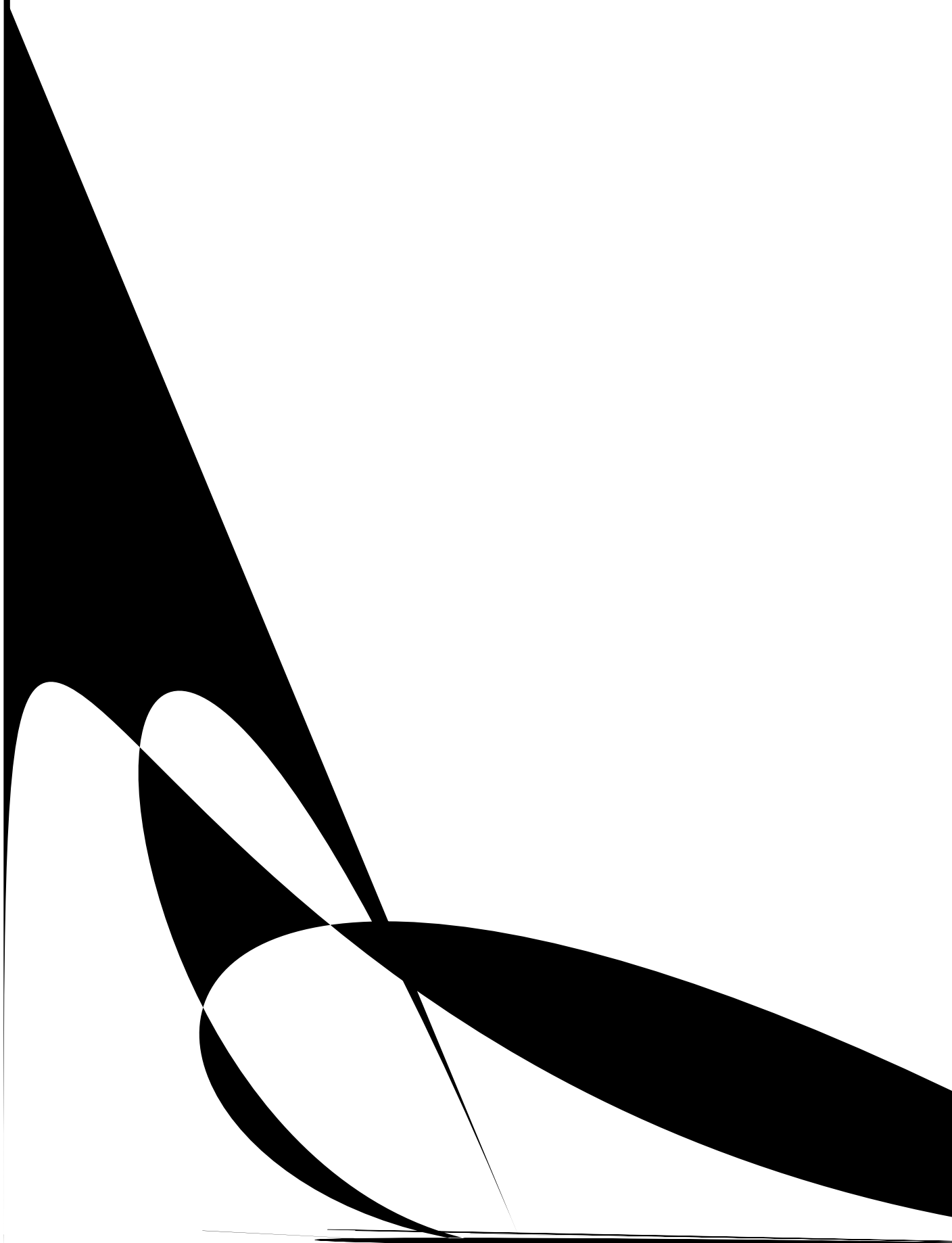
I BGK `[fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`WUHY[cf]Yg.

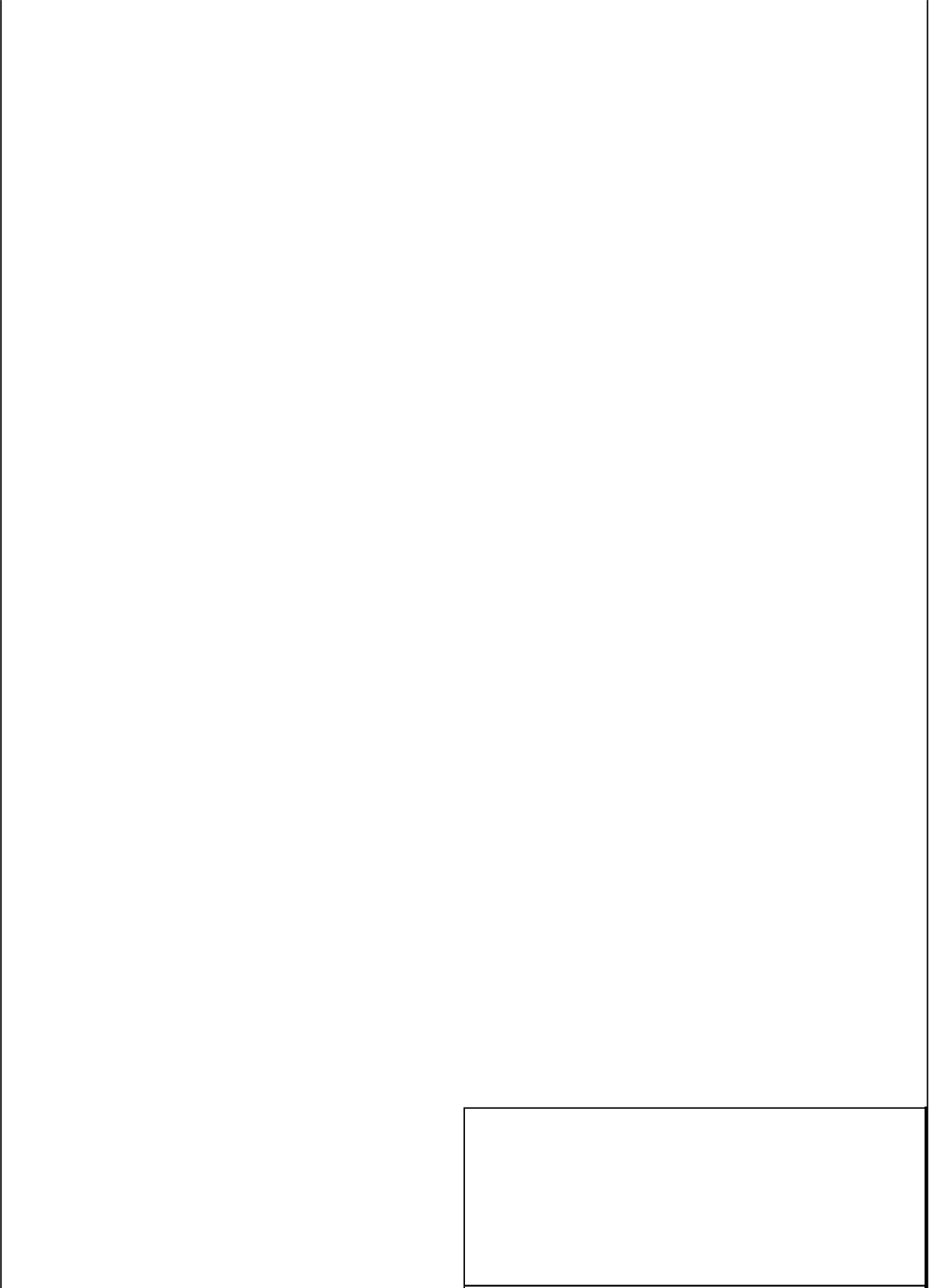
7 cdm]b[.`i g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hYI hcf]XYU`k]h`ci hUW_bck`YX[]b[`hY`
gci fW`cf`i g]b[`ei chU]cb`a Uf_g`"H\]g`U`gc`Udd`]Yg`hc`]a U[YgZ`UfhUbX`XYg][b`dfc`YWgZ`Ug`k Y`Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`7`Ub[]b[`U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmiFYhU]b]b[`hY`cf][]bU`
ghfi W`i fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`Z`UbX`]bZcfa U]cb`k]h`ci hUW_bck`YX[Ya Ybh`H\]g`U`gc
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]hU`bX`hc
d]YW]b[`hc[YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k]h`ci hUddfcdf]UHY`fYZYfYbW]b["

7 c`i g]cb. `k cf_]b[`k]h`chYfg`Vi hdUgg]b[`cZ`hY`k cf_]Ug`U`dYfgcb`g`]bX]j]Xi U`k cf_"`7 c`i g]cb`U`gc

i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK





	C b]bY'5Wj] jhm	C H\Yf'fYUX]b[g'UbX'cb']bY'hUg_g'Ug'gdYW]ZYX'cb A ccX`Y"
6fYU_.'&('GYdHya VYf! ' \$'GYdHya VYf	GYa]bUf	BC `7 @5GG"6F 95? `K 99? "
K YY_`%\$.`%C WtcVYf!' + C WtcVYf	GYa]bUf	

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

- 6cc_-'I` d[f[Y 3` S`kf[US`kzVm8Uj]X`F cgYbk UggYf`UbX`>]`GHd\Yb
- 6cc_-'FZW>[ff^W9 dWW` 9 dS`_`Sd4aa] žVmA Uf`_HfYX]bb]W_

F YWca a YbXYX`F Ygci fWg

5bmch\Yfi gYz`fYgci fWg`k]`VY`i d`cUXYX`hc`h\Y`Wci fgY`A ccX`Y`g]H`"

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

Gh XYbhZYXVUW`cb`h\]g`Wci fgY`k]`VY`[UH\YfYX`i`g]b[`i`b]j Yfg]miUi`hca UHYX`dfcWXi`fYgžUg`k`Y`Ug`
h\fc`i [\ `]bZcfa UžUbcba`ci`g`ZYXVUW`Zcfa`g":`YYXVUW`k]`VY`i`gYX`hc`UbU`mgY`UbX`UggYgg`h\Y`Wci`fgYž`
UbX`a`U`Y`WU`b[Yg`hc`]a`dfcj`Y`ž`h`fY`XY`