



ARTS5505

DYfgcbU`gYX'9b[`]g\ `@Ub[i U[Y'9b\UbW@a Ybh

HYfa `Cby`#`&\$&%

7 ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
@cb[`@]	`cb[``]4 i bgk "YXi "Ui	K YXbYgXUmj" !(da	C b`Ncca	

7ci fgY'8YHJ]`g

7fYX]hDc]bHg '*`

Gi a a UfmicZ'h\Y'7ci fgY

H\]g'Wci fgY'k]''\Y'd'mci 'hc'Yb\UbW'f'mci f'9b[']g\ 'Ub[i U[Y'g_]`g]Z'mci 'gdYU_'9b[']g\ 'Ug'U'gYWcbX
'Ub[i U[Y''`#UXX]h]cbz'h]g'Wci fgY'dfcj]XYg'mci 'k]h'h\Y'g_]`g'hc'VY'Ub'Ui'hc'bcacig'UbX'j]bXYdYbXYbh
'YUfbYf'gc'h\U'h'mci 'Wb'Wcb]bi Y'hc'Yb\UbW'f'mci f'9b[']g\ 'Ub[i U[Y'g_]`g]b'hc'h\Y'Z'hi'fY'hc'UWX]Yj'Y'mci f
UW]XYa]WUbX'dfcZ]gg]cbU' [cU'g''Mci 'k]'']XYbh]Zmk \]W'UgdYW'f'g'cZ'mci f'9b[']g\ 'mci 'k ci 'X']_Y'hc
]a' d'fcj Y'UbX'h\Yb'XYg][b'UbX'ja'd'Ya'Ybh'mci f'ck'b'dYfgcbU'dfc'YW'hc'UW'W'ca'd']g\ 'mci f' [cU'g''

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

5ggYgga Ybh

5bmfYZfYbW]b['gmgYa 'gi WX'Ug'5D5 'jg'UWW'dHUV'Y']b'h.]g'W'ei fgY'Ug'`cb['Ug']h]g'W'bg]ghYbhmUdd']YX.
WXYW_'I B GK 'Gi ddcfhZcf'F YZfYbW]b['5gg][ba Ybhg: [\hdg.#gh.XYbhi.bgk"YXi."Ui.#YZfYbW\]b\[](#)

Gh XYbhg'W]b'UWW'gg'dfYj]ci g'gh XYbhgJa d'Yg'cb' C dYb@YUfb]b[""

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hW'a Yg'5ggYggYX
DYfgcbU`dfc'YW'XYg][b fDD8E'			

Gh XYbHg'fYwWj Y'k f]hYb'ZYXVUW_`VUgYX'cb'fi Vf]Vg"

5XX]h]cbU`XYHJ]g.

H\Y`c[Vcc_`UbX`ei fbU`XcYg'bchbYXX'gi Va]gg]cb/fUH\Yfz]hk]`VY`UggYggYX`X]fYWhmicb`hY`Y!dcfhZ`]c
hUh'hY`gh XYbhVYUH'g`UbX`g\UfYg`k]h`hY`h'UWXYfg"

Hi fb]h]b`gYH]b[. H\]g]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5ggYgga Ybh' . `CfU`DfYgYbH]h]cb`!`%\$`a]bi hYg

GHUfhXUH. `Bch5dd`]WUVY

8YHJ]g.

Gh XYbHg'dfYgYbh'hY]f`YUfb]b[`\[`\[`h]g`Zca`hY]f'dYfgcbU`dfc`YWhZcf`UVci h%\$`a]bi hYg`h`]bgd]fY
dYYfg`h`Wcb]bi Y`h`Yb\UbW`hY]f`Ub[i U[Y`g_]`g`Yj Yb`UZYf`Wca`d`Yh]b[`hY`Wci fgY`"H\YmUFY`fYei]fYX`h`
gi Va]hUb`UVghfUWhfUVci h%) \$`k`cfXgE`UVci`hk`hUh'hYmUFY`[c]b[`h`dfYgYbhU`Wci`d`Y`cZk`YY`g`VYZcfY`hY
dfYgYbH]h]cb`XUm`Gh XYbHg'fYwWj Y'k f]hYb'ZYXVUW_`Zca`h`h`c`f`c`b`UVghfUWg`f%\$`i`E`UbX`Zca`d`Y`f`g`c`b`
dfYgYbH]h]cb`f%\$`i`E`VUgYX'cb'fi Vf]Vg"

5XX]h]cbU`XYHJ]g.

H\Y`UVghfUWh]g`Xi Y`cb`Hi fb]h]b`Vm- Ua`zA`cbXUm%&`5df]`fK`YY`_- E`"H\Y`dfYgYbH]h]cb`]g`d`Y`f`UggYggYX`
UbX`Xi Y`]b`hY`WUgg`cZ`hY`Ughk`YY`_/`gh`XYbHg`k`c`a`]gg`hY`Z]bU`WUgg`k`]`a`]gg`h`]g`%\$`i`UggYgga`Ybh`

Hi fb]h]b`gYH]b[. H\]g`Ugg][ba Ybh]g`gi Va]hYX`h`fci [`h`Hi fb]h]b`UbX`gh XYbHg`WUb`gY`Hi fb]h]b`g]a]Uf]hm
fYdcfng"

5ggYgga Ybh(. `F`YZYwW]j`Y`YggUm

GHUfhXUH. `Bch5dd`]WUVY



F Ygci fWg

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

Ʒmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-',) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'ggi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUfl" Ʒmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'ZU' 'hk]H'Hi fb]h]b' mci 'a UmUdd'm'Zcf'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYHU]b' mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmcH'Yf'fY'Yj UbhXcW a YbHg'k'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmci f'YI HYbg]cb'Udd']W]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmci 'k]
Ui 'ca UH]WU'`mfYW]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY' mci 'k]'`bYYX'hc'gdYW]Z]WU'`mUg_ 'Zcf'cbY"
Hi fb]h]b'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'hi g'cb'Hk]HYf"

; YbYfU'`mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]HYX'Y'YW'fcb]WU'`mj]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' 'b]bgHUbVW'g'k \YfY'H'lg]g'bchdcgg]V'Yž]hk]'VY'ghUH'X'cb' mci f'Wci fgY'g'A ccX'Y'g]HY'k]H
U'HYfbUH] Y'gi Va]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va]hUgg][ba YbHg'cb']bY'j]U'A ccX'Y. \`hdg.#gh XYbH'i bgk "YXi "Ui #ck!
gi Va]hUgg][ba YbH'a ccX'Y

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`U`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`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

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

5 WUXYa]W=Zcfa Uh]cb

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.

- fYei Ygth`Zc`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/