



ARTS5506

5i ghfU`]Ub`5Vcf][]bU``@Ub[i U[Yg

Gi a a Yf`##`&\$&%

7 ci fgY`Cj Yfj]Yk

GHJZ 7 cbHJW`8YHJ]`g

7 cbj Ybcfg

B Ua Y	9a U]			

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`*`

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

6miH_]b[`h]g`Wci fgYžmci `k]` [U]b`Ub`UddfYW]U]cb`cZ5i ghfU]U`g`f]W`UbX`Wca`d`Yi`5Vcf][]bU`]]b[i]gh]W
\Yf]H[Y`]b`WcbhYa`dcfUfmUbX`fUX]h]cbU`WcbhYI`hg`Mci`k]`XY`j`Y`]bhc`U`W`fUHYX`fUb[Y`cZ`hd]Mg`]bWi`X]b[
`Ub[i U[Y`UbX`h`Y`UbXž_]bg\]d`UbX`gcW]U`cf[Ub]gU]h]cbž`bUffU]h] Y`UbX`Wcbj`YfgU]h]cbž`Ub[i U[Y`UWci`]g]h]cbž
`Ub[i U[Y`WcbhUWž`Ub[i U[Y`UbX`YXi`W]h]cbž`Ub[i U[Y`a`U]bhYbUbVW`UbX`fYj`j`U`9UW`cZ`h`YgY`hd]Mg`k]`
VY`X]gW`ggYX`k]h`fYZfYbW`hc`Yb[U[]b[`WUgY`gh`X]Yg`cZ`W`ffYbhfYgYUfW`UbX`W`ffYbhWca`a`i`b]m]VUgYX
dfc`YWg`H`fci [\`h`Y`Yi`d`cfU]h]cb`cZ`h`YgY`hd]Mgžmci`k]`YUfb`UVci`h`h`Y`W`UfUWYf]gh]W`]b[i]gh]W
dfcdYfh]Yg`cZ5i`ghfU]Ub`Ub[i U[Yg`UbX`Udd`m`UbU`m]W]g_]`g`hc`h`Y`XYgW]d]h]cb`cZ5i`ghfU]Ub`Ub[i U[Y
XU]U`H`YfY`k]`VY`U`Zc`W`g`cb`ck`bYk`k`Umg`cZ`gd`YU_]b[`UfY`WYUHYXž`ck`Ub[i U[Yg`UfY`cg]h]UbX`h`Y
k`Umg`]b`k` \]W`5Vcf][]bU`gd`YU`_Yfg`UfY`h`UW]b[`UbX`fYj`j`]b[`h`Y]f`fUX]h]cbU`Ub[i U[Yg`hc`XUm`Mci`k]`
k`cf`_`k]h`U`gY`YW]h]cb`cZ`Ui`h`Ybh]WB`GK`5Vcf][]bU`Ub[i U[Y`a`UHf]U`Zca`G`H`H`@]VfUfmicZ`B`GK
Wc`YW]h]cbg`b`Xc]b[`gcžmci`k]`\Uj`Y`UbXg!`cb`Yi`dYf]YbW]`]b`ck`hc`Z]bX`UbX`i`h]gY`f]W`UfW]j`U`
]b[i]gh]Wa`UHf]U`UbX`h`Y`Yh]W]d`fUW]W]g`]b`h`Y`a`UbU[Ya`YbhUbX`i`gY`cZ5Vcf][]bU`Ub[i U[Y`a`UHf]U`g`
Mci`k]`hU`_`Uk`Um]Zca`h`g`Wci`fgY`U`XY`d`Yb`YX`i`bXY`fg]h]UbX]b[`cZ`gc`W]U`UbX`W`h`fU`X]j`Yfg]m]Ug`gY`Yb
h`fci [\`h`Y`Ybg`cZ`Ub[i U[Yž`UbU`m]W]a`Yh`c`Xg`UbX`W]h]W]h]b_]b[`g_]`gž`UbX`_bck`YX[Y`cZ`fYgYUfW

5ggYgga Ybh

5ggYgga YbhHUg_g

	5ggYgga YbhHUg_		K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hŸa Yg'5ggYggYX
	E i]n'				

Gh XYbng`k]`k f]h`Ub`UbU`m]W]`gW`c`Uf`mUW]XYa]WYggUmf&Z) \$\$`k cfXgE`Gi [[YghX`YggUmhcd]Wg`k]`VY
a UXY`Uj U]`UV`Y`cf`gh XYbng`W]b`XYj Y`cd`h`Y]f`ck b`]b`W`bgi `h]cb`k]h`h`Y`W`i fgY`W`bj Ybcf`A Uf_]b[
i g]b[`U`fi Vf]W`Gh XYbng`fYW]j Y`Ub`]bX]j]Xi U`a Uf`_`UbX`]bX]j]Xi U`k f]h`b`ZYXVUW`_"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g]gi Va]hYX`h`fci [\`Hi fb]h]b`UbX`gh XYbng`Xc`bchgYY`Hi fb]h]b
g]a]`Uf]mifYdcfng"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

D`YUgY`fYZf`h`A ccX`Y`Zf`a cfY`XYHJ]`g"

F YWca a YbXYX`F Ygci fWg

D`YUgY`fYZf`h`A ccX`Y`Zf`a cfY`XYHJ]`g"

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

H\]g`]g`h`Y`Zfgh]a Y`h`]g`Wci fgY`\Ug`VYYb`c`ZYfYX"="k`]`k`Y`Wca Y`ZYXVUW`h`fci [\ci h`h`Y`Wci fgY`gc`h`Uh`]
]h`WUb`VY`]a dfcj YX`UbX`k`]`fYei YghZcfa U`ZYXVUW`Zca`ghi XYbhg`Uhi`h`Y`YbX`c`Z`h`Y`Wci fgY" H\]g`]
ZYXVUW`U`cb[`k`]h`fYgi`hg`c`Z`h`Y`ghi XYbhZYXVUW`]b`a m9I dYf]YbW`fYdcf]g`k`]`VY`i`gYX`h`]a dfcj Y`h`Y`]
Wci fgY"

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'f'gi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fI *) 'XUmg'U'm'YUfI" 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'Zc'f'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'f'Y'j UbhXcW a Yb'g'k'hc
]bWi XY'Ug'Yj]XYbW'hc'gi ddcfhmci f'YI HYbg]cb'Udd']W]h]cb" Ʒmci 'Ya U]'9I HYfbU'Gi ddcfhmci 'k]
Ui 'ca UH]W]m'f'Y'W]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY' mci 'k]'b'Y'X'hc'gd'Y'W]W]m'Ug_ 'Zc'f'cbY"
Hi fb]h]b 'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gm'g'Ya 'g'hU'g'cb'Hk]H'Y'f"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]H'Y'X'Y'Y'W'f'cb]W]m'j]U'Y]H'Y'f'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' 'b]bg'f'Ub'W'g'k \YfY'H'g]g' bchidcgg]V'Yž'hk]'VY'g'h'U'Y'X'cb' mci f'Wci fgY'g'A ccX'Y'g]H'k]H
U'HY'fbUH] Y'gi Va]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va]hUgg][ba Yb'g'cb]b'Y'j]U'A ccX'Y. \H'hdg.#gh XYb'hi bgk "YXi "Ui #ck!
gi Va]hUgg][ba Yb'ha 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]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hžI BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby'j]b'h'Y'I BGK 'Wca a i b]m
- `cWJh'gYfj]Wg'UbX'j]bZcfa Uh]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh'YgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci ž'ch'Yfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`h'Y fY'UH'X'UgdYW'g'cZ9@G9'k]`Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hhd.##ji V'YWf i \]XYg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

5 WUXYa]WbZcfa Uh]cb

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

- fYei Ygh]Zcf`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbž`gYY