



ARTS2661

☯HYfa YX]UHŸ ? c fYUb '6

HYfa 'H\ fYŸ '##' &\$&\$

7 ci fgY`Cj Yfj]Yk

GhJZ'7cbHJWk'8YHJ]`g

7cbj Ybcfg

B Ua Y	73666392			

7ci fgY'8YHJ]`g

7fYX]hDc]bng`*`

Gi a a UfmicZ`hY'7ci fgY

H\]g`Wci fgY`dfcj]XYg`Ub`]bhYfa YX]UH`Yj`Y`dfc[fUa`]b`? cfYUb`Ub[i U[Y`gh XmZ`ca`U`Wca`a`i`b]WU]j`Y`UbX`
hUg`!VUgYX`UddfcUW`"H\Y`df]a`Ufma`YX]i`a`cZ]bghfi`W]cb`]g`? cfYUb`UbX`k`YFY`bYVW`ggUfm9b[`]g\`]g`U`gc`
k`g`Y`g`Z`W`d`]`h`X`f`Y`U`W`h`z`h`Y`X`f`d`]`d`f`Y`d`]`b`h`g`"X`g`Y`j`f`Y`g`W`b`h`d`]`W`g`f`X`Y`j`g`c`h`W`k`a`a`X`i`b`W`U`h`g`Y`g`]`f`g`d`b`Y`g`c`b`Y`U`b`
h`f`c`i`[`\`c`f`U`UbX`k`f]h`b`U`W`h`j`]h`Y`g`z`k`]h`Ub`Ya`d`U`g`]g`c`b`"j`Y`f`U`W`h`g`_]`g`"H\Y`Wci fgY`Wcbgc`]XUH`g`
_bck`YX`[Y`c`Z`UbX`c`Z`Y`f`g`]b`g`[\h`g`]b`h`c`z`ck`h`Y`? cfYUb`Ub[i U[Y`k`c`f`_g`z`]b`W`i`X`b`[`Y`ma`c`c`[`m`c`Z`g`Y`W`Y`X`
b`]b`W`c`d`f`Y`U`g`Y`c`X`g`g`k`d`W`h`g`h`Y`f`h`g`c`X`[`k`U`a`j`Y`U`]h`W`X`g`f`d`W`c`f`g`b`f`Y`b`d`b`g`g`m`X`_`b`h`Y`W`U`h`j`]h`c`Z`W`h`f`g`"m`f`c`i`[`\`b`b`g`
f`Y`Y`j`Ub`h`c`d`]W`"H\Y`a`U`]b`h`Ya`Y`g`W`j`Y`f`Y`X`]b`h`Y`Wci fgY`]b`W`i`XY`Y`i`d`f`Y`g`g`]b`[`c`b`Y`g`Y`Z`"Z`Y`]b`? cfYUz`UbX`
g`c`W`U`z`d`c`]h`W`U`UbX`Y`W`c`b`c`a`]W`]g`g`i`Y`g`"

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

%` 7`ca`a`i`b]WU]h`]b`? cfYUbz`j`Y`f`V`U`m`UbX`]b`k`f]h`b[`z`c`b`h`c`d`]W`g`W`c`j`Y`f`Y`X`]b`h`Y`Wci fgY`z`]b`W`i`X`b`[`\`Y`U`h`
a`U`h`Y`f`g`z`h`Y`k`c`f`X`UbX`]g`g`i`Y`g`f`Y`d`f`Y`g`Y`b`h`Y`X`]b`h`Y`a`Y`X`]U`z`]b`g`h`h`h`c`b`g`c`Z`c`i`f`g`c`W`Y`h`z`]a`a`][`f`U`h`c`b`z`
a`c`b`Y`ma`U`h`Y`f`g`UbX`Ya`d`c`ra`Y`b`h`z`UbX`X`]g`d`c`g`]h`c`b`g`c`Z`d`Y`c`d`Y`
&`"D`Y`f`Z`c`f`a`_`Y`m`z`b`W`h`c`b`g`]b`? cfYUbz`]b`W`i`X`b`[`U`X`j`]g`]b`[`z`Y`i`d`f`Y`g`g`]b`[`c`f`Y`b`e`i`]f`]b`[`U`V`c`i`h`b`Y`W`g`g`]h`m`UbX`
b`Y`Y`X`z`U`g`_]b`[`z`c`f`c`f`[`]j`]b`[`d`Y`f`a`]g`g`]c`b`z`g`h`U`h`b`[`c`v`][`U`h`c`b`z`U`f`[`i`]b`[`z`c`f`c`f`U`[`U`]b`g`h`z`Y`i`d`f`Y`g`g`]b`[
k`]g`Y`g`z`c`d`Y`UbX`f`Y`[`f`Y`h`g`z`UbX`k`U`f`b`]b`[
'`"5`b`U`m`g`Y`h`Y`g`h`f`i`W`i`f`Y`UbX`a`Y`Ub`]b`[`g`c`Z`d`f`Y`j`]c`i`g`m`i`b`g`Y`Y`b`? cfYUb`h`Y`i`h`g`UbX`Y`i`d`U`]b`c`k`h`Y`h`Y`i`h`g`
a`Y`Ub`k`U`h`h`Y`ma`Y`Ub`
(`"9`i`d`U`]b`U`g`d`Y`W`g`c`Z`W`c`b`h`Y`a`d`c`f`U`f`m`? cfYUb`g`c`W`Y`h`m`\$` h`W`h`i`g`Y`z`]b`W`i`X`b`[`]W`g`d`c`]h`W`U`g`n`b`h`Y`Z`]f`Y`Z`g`

ghfi Wi fYg`cZW`a`Y`Ub`Y`b`g`]b`[`Y`Y`h`f`b`

H`U`W`]b`G`h`h`f`h`b`h`b`g`g`]b`W`Y`m`h`b`g`h`g`"U`h`]b`g`\`U`h`U`X`U`W`]b`[`h`Y`g`h`Y`]b`m`h`c`U`Y`Z`g`i`]b`m`W`c`a`UbX`c`[`h`g`

cWVlg]cb'dfYgYbhg'jhgY`Z'

5ggYgga Ybh

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

- G]l`l b]hg`Zca`?cfYUb`]b`5W]cb`6cc_`&Vm;`G\]b`UbX`5`6i`ncZl`bdi`V]g\YX`K`YV`9X]h]cbž`&\$%-`f5`h\Y`l`b]hg`UfY`Uj`U]UV`Y`j`]U`A`ccX`Y`"Gh`XYbtg`UfY`YI`dYWYX`tc`df]bhci`h\Y]f`ck`b`W`d]Yg`Ł

F YWca`a`YbXYX`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`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`UgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``'``%cf`Ya`Uj`h`Ya`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""Gi`ddcfh`
`lci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`f1`*)`XUmg`U`mY`Uf2`Ʒmci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`a`Um`Udd`m`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`ghf`Y`h]b`mci`f`h]W`Y`hbi`a`VYf`Z`ca`9I`HYfbU`Gi`ddcfh`f`U`cb[`k`]h`Ubmc`h`Y`f`f`Y`j`Ubh`Xc`W`a`Yb`hg`L`hc`
]b`Wi`XY`Ug`Y`j`]XYb`V`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W`h]cb`"Ʒmci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VYf`z`Vi`h]Z`mci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`Ug`_`Zc`f`cbY`"
Hi`fb]h]b`U`gc`d`fcj`]XYg`i`d`XU`h`g`cb`h`Y]f`gm`gh`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`U`g`_`g`a`i`gh`V`Y`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`cc`X`Y`
Ugg][`ba`Yb`h`i`h`]b`gh`U`b`W`g`k` \Y`f`Y`h`g`]g`b`ch`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Yb`hg`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`gh`XYb`h`i`bgk`"YXi`"Ui`#`ck`!
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`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'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby`]b'h'Y'I BGK 'W'a a i b]m
- 'cW'W'h'gYfj]W'g'UbX']bZ'fa U]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]''VY'ZJa]]Uf'hc'mci ž'c'h'Yfg'k]''VY'bYk "'; U]b]b['U'gc`]X'i bXYfghUbx]b['cZU''h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Yg" \]VfUfm'i bgk "YXi "Ui #' \]gY#UVci h' \]gY](#)

