



ARTS3096

A YX]Už'7 ca a i b]WU]cb'UbX'h\Y'7`]a UH'7 f]g]g

HYfa`Hk c`#`&\$&%

GWcc`cZH Y'5ftg'UbX'A YX]U`#`I BGK`5ftgž8Yg]I b/`5fWX]H\Wŵi fY

7ci fgY`Cj Yfj JYk

7ci fgY'8YHJ]`g

7fYX]hDc]bmg`*`

Gi a a UfmicZh\Y'7ci fgY

Gi V\YWhi5fYU.`? W\St 5g`fgdWS` V FWUZ` a`aYk

A YX]UzWca a i b]WUhc]b`UbX`h\Y`W]a UH`W]g]g`Uj Y`\UX`U`cb[žYbHUb[`YX`fY`Uhc]bg\]d``A YX]U`UbX
Wca a i b]WUhc]bg`d`Um_Ymfc`Yg`]b`h\Y`gW]YbW]g`cZ]a UH`W]Ub[Y`h\Ya`gY`j`Yg``: cf`YI`Ua`d`YžW]a UH`
W]Ub[Y`gW]YbW]g`i`gY`Wca`di`h`f`a`cXY`]b[`YI`h`bg]j`Y`mž`UbX`U`gc`fY`micb[`cVU`a`YX]U`bYhk`cf_g`h`UhVcH`
W]fW`UH`Ybj`]fcb`YbH`XUH`UbX`U`ck`Zcf`Wc`UVcfUhc]b`UbX`X]gW`gg]cb`Ua`cb[`gW]Yb]hg]g``A YX]U`UbX
Wca a i b]WUhc]b`U`gc`d`UmU`fc`Y`]b`Vf]b[]b[`W]a UH`W]Ub[Y`gW]YbW]`hc`h\Y`di`V`]W`b`h\Y`dfcW]ggž`h\Ym
\Y`d`Z]Ua`Y`h\Y`k`UmW]a UH`W]Ub[Y`]g`X]gW`ggYX``H\Ym`h`i`g`d`UmU`Z]gW]b]Uhc]b[]ZcZ]Yb`Wc]bZ]W]YX`gYf]Yg`cZ
fc`Yg`]b`gYh]b[`Ym]gcW]U`UbX`dc`]h]W]U[YbXUg`k`]h`fY[UfX`hc`W]a UH`W]Ub[Y``C`b`h\Y`ch\Yf`\UbXž

5ggYgga Ybh

D`YUgY'gYY`h\Y`7ci fgY`A ccX`Y`G]h`Zcfa cfY`]bZfa Uh]cb"

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y`8UH`	Gh XYbh@YUfb]b[Ci hWta Yg`5ggYggYX
:]bU`9ggUm`) \$i	% #\$, #&\$&\$`%%) - `DA	%ž`&ž`
DYfgcbU`7ci fgY`5fW]j`Y`UbX F`YZYW]cbg`) \$i	Bch5dd`]WUV`Y	%ž`&ž` ž`(`

5ggYgga Ybh8YhU]`g

Gi Va]gg]cb'bcH'g. M'ci 'bYYX'hc'gi Va]h&!' 'V'c['dcghg'Xi f]b['k YY_g'%ž&'UbX'' 'fU''V'c['dcghg'a i gh
VY'gi Va]hYX'VmGi bXUmUh%%) - da 'Uhih'Y'YbX'cZYUW'k YY_'bj c'j YX' 'gYY'W'ci fgY'A ccX'Y'g]hY
Zcf'XYHJ]g'Gc'mci 'bYYX'hc'W'ccgY'k \Yh'Yf'mci 'k]''Xc'&'cf'' 'dcghg'Xi f]b['h'Y'Z]fgh'h'fYY'k YY_g
cZ'h'Y'W'ci fgY''M'ci 'k]''fYW'j] Y'ZYXVUW'cb'h'YgY'dcghg'žk]h'U'a Uf_']bX]W]h]b['\ck' 'mci 'UfY' [c]b['ž]b
k YY_g]l "'H\Y'a Uf_'mci 'UfY' []j Yb'U'h'h]g'dc]bh]g'↑ gh'hc''Y'h'mci '_bck '\ck' 'h]b[g'UfY' [c]b["'#ik]''žcZ
W'ci fgY'ž\Uj Y'gca Y'VYUf]b['cb'mci f'Z]bU'a Uf_'Zcf'h]g'Ugg][ba YbhVi h]h]gbffiZ]bU'UbX'XcYgbffi [c]]b'hc'h'Y
Z'fa U'I BGK 'mg'h'Ya "

8YdYbX]b['cb'k \Yh'Yf'mci '\Uj Y'XcbY'&'cf'' 'dcghg'Xi f]b['h'Y'Z]fgh' 'k YY_g'ž'mci 'h'Yb'bYYX'hc
W'ccgY' '('k YY_g'hc'gi Va]ha cfY'V'c['dcghg'ž'Z'ca 'k YY_g'(!) /+!%\$'f'h'YfY'UfY'bc'WUggYg']b'k YY_
g]l 'L''

↳ U'ž'mci 'bYYX'hc'gi Va]h*' 'V'c['dcghg'c] Yf'h'Y'Ybh]fY'W'ci fgY'Vm'h'Y'YbX'cZk YY_'%\$"

M'ci 'a i ghi gY'h'Y'V'c['gc'ž'k UfY'dfcj]X'YX'cb'A ccX'Y'hc'dcgh'K f]h'Yb'dcghg'g\ci 'X'bc'hVY'U'h'UW'YX
Ug'k cfX'XcW'g'cf'dXZg''M'ci 'UfY'a cfY'h'U'k Y'W'ca Y'hc'UXX]a U[Yg'ž'Ui X]c'ž]]X'Yc'cf'c'h'Yf'a YX]Už']b'hc'h'Y
V'c['h]gY'ž'Ug'bYYX'YX"

D'YUgY'bc'h'Y'h'U'h'YfY'UfY'ž' f'h'Yf]a dc'f'U'bh'XYHJ]g'U'V'ci h'h]g'Ugg][ba Ybh'cb'h'Y'W'ci fgY'A ccX'Y'g]h'Y''

Hi fb]h]b'gY'h]b[. 'H\]g']g'b'chU'Hi fb]h]b'Ugg][ba Ybh

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

GYY`7ci fgY`A ccX`Y`g]h`Zcf`fYgci fWg`"H\YfY`]g`bc`7ci fgY`F YUXYf`Zcf`h`]g`Wci fgY`"5`"fYUX]b[g`UbX`c`h`Yf`a`Uh`f]U`g`Zcf`"b_g`tc`h`YgY`Z`WUb`VY`Zci bX`cb`h`Y`7ci fgY`A ccX`Y`g]h`"

F YWca a YbXYX`F Ygci fWg

D`YUgY`gYY`Wci fgY`A ccX`Y`g]h`Zcf`XYhU]`g"

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

7ci fgY`ZYXVUW_k`j`"VY`[Uh`YfYX`h`]g`hf]a`Ygh`f`j`]U`X]gW`gg]cb`UbX`c`VgYf] Uh]cb`Xi`f]b[`WUggYgZj`]U`Ugg][ba`Ybhk`cf`_Z`UbX`j`]U`h`Y`A`m9I`dYf]YbW`gi`fj`Ymg"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]bzd`YUgY`
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`,)`````%cf`Ya`Uj`hYa`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""`Gi`ddcfh`
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfI`"≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`ZU`ihk`]h`Hi`fb]h]b`mci`ia`UmUdd`mZc`f`Ub`YI`HYbg]cbz`Vi`hmc`i`
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhfU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Ybhtg`L`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb""≠mci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`U]WU`mifYW]j`Y`U`h]W`Yhbi`a`VYfz`Vi`h]Zmci`HY`Yd\cbY`mci`k`]`bYYX`hc`gdYW]Z]WU`mUg`Zc`f`cbY`"
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`h`Y]f`gmghYa`ig`hU`h`g`cb`Hk`]hYf"

;`YbYfU`mz`UggYgga`YbhiUg_g`a`i`ghVY`gi`Va`]hYX`Y`YWfcb]WU`mj`]U`Y]h`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`h`]bghU`bVW`g`k`\YfY`h`lg`]g`bchdcgg]V`YZ`]hk`]`VY`ghU`h`X`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]h`k`]h`
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYhU]g"

:`cf]bZcfa`Uh]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Ybhtg`cb]bY`j`]U`A`ccX`Y`. \`hhdg`#gh`XYbhi`bgk`"YXi`"Ui`Ack`!
gi`Va`]hUgg][`ba`Ybhta`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