



ARTS2660

HYfa YX]UH? c fYUb '5

HYfa 'CbY' #'&\$&%

7ci fgY`Cj Yfj JYk

GHJZZ7cbHJW`8YHU]`g

7cbj Ybcfg

| B Ua Y | 9a U] | 5j U]UV]]m | @cW]hcb | D\cbY |
|----------------|-------------------------|--|---------------------------------|-----------------|
| ;]!<mi b`G\]b | ["g\]b4 i bgk "YXi "Ui | A cb`%&!%{ ž: f] % !%} `cf`Vm Uddc]b]a Ybh | F cca `&\$&ž A cfj Yb`6fck b | - ' ,) `%+ ' % |

@YW]i fYfg

| B Ua Y | 9a U] | 5j U]UV]]m | @cW]hcb | D\cbY |
|----------------|-------------------------|-------------|-----------|-----------|
| ;]!<mi b`G\]b | ["g\]b4 i bgk "YXi "Ui | 5g`5Vcj Y | 5g`5Vcj Y | 5g`5Vcj Y |

Hi hcfj

| B Ua Y | 9a U] | 5j U]UV]]m | @cW]hcb | D\cbY |
|------------|---------------------------|-------------|---------------------------------|-----------------|
| 7`UfU`?]a | WUfU"_]a 4 i bgk "YXi "Ui | H"6"5" | F cca `&*, ž A cfj Yb`6fck b | - ' ,) `%* - * |

GWXcc``7cbHJW]i`bZcfa Uh]cb

GWXcc``cZ<i a Ub]h]Yg`UbX`@Ub[i U[Yg

@cW]hcb. GWXcc``C Z]W]žA cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

C dYb]b[`<ci fg. A cbXUm! `: f]XUmž`- Ua `!`) da

D\cbY. Ž`*%&`- ' ,) `%*, %

: U! . Ž`*%&`- ' ,) `; +\$)

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

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5g\Ug'VYYb')b'5F HG%* *\$'UbX'5F HG%* *%ž'WUggfccca 'UWij]hYg'UFY'ZUa YX'hc'hU_Y'Z' ``UXj UbhU[Y'cZHY
]bHYfUWij Y'UbX'W a i 'Uhj Y'X]a Ybg]cb'cZHY''YUfb]b['cZ? cfYUb'Uhl B G K "'#]g]a dcfhUbh'h Ughi XYbHg
hYa gY'j Yg'VY'Uk UFY'cZHY''YUfb]b['cV'YWij Yg'k YY_'Vmk YY_'UbX'WUgg'Vm'WUggž'h Uhih'Ym'VY'UV'Y'hc
fY'UH'fYUX]mk \Uhih'Ym'UFY''YUfb]b['bck'hc'k \Uhih'Ym'dfYj]ci g'm'YUfbž'UbX'h'Uhih'Ym'VY'dfYdUFYX'hc
UWij Y'mi gY'? cfYUb'k \YfYj Yf']h]g'Uddfcd]UH''

HYUWk]b['GhfUH' []Yg.

9UWk 'cZHY'I b]hg]b'hY'hYI hVcc_'k]''VY'gh X]YX']b'hk c'ghU[Yg''@YWh fYgž]"Y"ž''Uf[Yf'WUggYgž'ghUfhk]h

5ggYgga Ybh

5ggYgga YbhHUg_g

| | | | |
|-----------------|----------|------------------------|--|
| 5ggYgga YbhHUg_ | K Y][\h | 8i Y'8UH | Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX |
| A]X!HYfa 'HYgh | ' \$i | K YY_) | %ž&ž' ž(|
| DfYgYbhU]cb' | &)i | K YY_%\$ | %ž&ž(ž) |
| :]bU''9I Ua ' | ()i | : cfa U''9I Ua 'DYf]cX | %ž&ž' ž(ž) |

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'A]X!HYfa 'HYgh

GHUfhXUH. 'Bch5dd`]WV`Y

@Yb[h. '&\ci fg

8YHU]`g.

H\Y'A]X!HYfa 'HYghfi bg'Zc'fk c'\ci f'UbX'Wcbg]gh'cZei Ygh]cbg'cb'j cWJVi 'UfmUbX'[fUa a Uh]WU'dUHfYfbg
Ug'k Y''Ug'Wta dfY\Ybg]cb'ei Ygh]cbg'UbX'Wta dcg]h]cbg'hc 'HYghk \Uh\Ug'VYYb''YUfbh'li g'ZUf"

: YYXVUW_k]''VY'[]j Yb']bX]j]Xi U''m'HYghg\YYhg'k]''VY'fYh fbYX'hc'mci 'k]h'a Uf_g'UbX'Wta a Ybhg"

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

5ggYgga Ybh&. 'DfYgYbhU]cb

GHUfhXUH. 'Bch5dd`]WV`Y

@Yb[h. 'Hc'VY'Z]bU']gYX'h'fci ['\WUgg'X]gW'gg]cb

8YHU]`g.

H\Y'dfYgYbhU]cb']g'U'gdYYW'cf'U'Wcbj YfgU]cb']b'? cfYUbžVUgYX'cb'hY'gW]dhmci 'dfYdUfYX''#]g'hc'VY
Z'a YX'UbX'gi Va]HYX'Y'YWfcb]W''m'H\Y'XYHU]gž]bWi X]b['hY'hd]Wž %o 'U'W 'U''W

GhUfhXUHY. 'Bch5dd`]WV`Y

@Yb[h\.'&`\ci fg

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H\]g`]g`U`Zcfa U`YI Ua]bUh]cb`gWXYXi `YX`]b`h\Y`Zcfa U`YI Ua]bUh]cb`dYf]cXz UbX`]g`h\Y`Z]bU`UggYgga Ybh
hUg_`Zcf`UfhYbXUbW`di fdcgYg": YYXVUW_k]`VY`j]U`Ya U]`i dcb`fYei Ygh"

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

F Ygci fWg

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- 6cc_-'G\]bž; `UbX`5`6i nc" f&\$%&Ł"=adMS` [`3Uf[a` , 4aa] \$"`DUfh%"`fk YV`9X]hcbŁ

I b]hg`%-'%\$`Zca`'=adMS` ;` 3Uf[a` 4aa] \$I W 7V[f[a` UfY`Uj U]UV`Yž`ZY`cZWXUf[Yžhc`U`"hY`gh XYbhg
]b`5F HG&`*\$`j]U`A ccX`Y

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`bchidcgg]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]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]cbz`gYY