



ARTS3050

F YUX]b['B Uli fYg

HYfa 'C bY' #'&\$&%

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7 ci fgY'8YHJ]`g

7 fYX]hDc]bqg '*`

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

H\Y'5bhfcdcWbY'fYZfg'hc'hY'bYk'[Yc`c[]WU'YfU'k\YfY'\i a Ub'UWfj]m\Ug'VYWca Y'U'dfcZci bX'ZcfW
cb'hY'9UfA'g'gmghYa g'UbX'dfcWggYg"Di h]b['h]g']bhc'WcbhYI hzF YUX]b['BUh'fYg'YI Ua]bYg'']fUfm
fYdfYgYbHh]cbg'cZ`h`Y'bUhi fU'k cfX'UbX'\i a Ub'gcWYmfg'd'UW'k]h]b']hZca 'hY'UH'%' h
Wbhi fm—Wcbg]XYfYX'Ug'hY'VY[]bb]b['cZUbhfcdc[Yb]WW]a UH'WXUb[Y—hc'hY'dfYgYbH'hY'Wci fgY'k]`
ZJa]]Uf]nY'mci 'k]h'gca Y'cZ`h`Y'a cghYI W]h]b['bYk'XYj Y'cda Ybqg]b'W]h]W'hc'i [\higi WX'Ug
dcgh'i a Ub]ga žbYk 'a UHf]U]ga žbUhi fYW 'h' fYgžXYd'hja YžYWca cdc']h]b]ga 'UbX'cbhcdck Yf"Mc'i 'k]`
U'gc'X\Ug'Y W W]a YžYWca cdc']h]b]ga 'UbX'cbhcdck Yf"Mc'i 'k]`

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
A U'cf'9ggUm) \$i	' \$#\$' #&\$&%%%\$\$'DA	%ž'&ž'
F YgYUfW' Dfc YW) \$i	&* #\$(#&\$&%%%\$\$'DA	&ž'

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'A U'cf'9ggUm

GHUfhXUH. 'Bch5dd`]WUV`Y

8YHU]`g.

K cfX`Yb[h #8i fU]cb. '&ž\$\$\$

9ggUmcb' hcd]WgYhVm h Y`Wcbj Ybcf

DYfW`bHU[Y.) \$

: YYXVUW_ j]U`@A G

Gi Va]gg]cb' bchYg. 'F YZf' h' A ccX`Y

Hi fb]hb' gYH]b[. 'H\]g' Ugg][ba Ybh]g' gi Va]hX' h' fci [\ 'Hi fb]hb' UbX' ghi XYbhg' Xc' bchgYY' Hi fb]hb
g]a]Uf]mifYdcfrg"

5ggYgga Ybh&. 'F YgYUfW' Dfc YW

8YHU]`g.

K cfX`Yb[h #8i fU]cb. '9ei]j U`YbhcZ&ž\$\$\$!k cfXg''''''''

Gh XYbhg' dYfZ' fa 'fYgYUfW' UbX' WYUH' h' i h U`UbX']gi U`a]Wc! 'UbXgWldYg' Zc' f' Ub' cb`]bY`@]]b['6cc_"

DYfW`bHU[Y.) \$

: YYXVUW_ j]g`@A G

Gi Va]gg]cb' bchYg. 'F YZf' h' A ccX`Y

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

		7 UghUk Unt"
K YY_-.%&5df]!'%* 5df]	@YWh fY	⊖gYWhK cf`Xg
	GYa]bUf	E VW[Y A fZW⊖ F YUX]b[g. J `UX]a]f`B UVc_cj ž"6i H\FZ]Yg" J]f[]b]U`K cc`Z`H\Y`8YUħ`cZħY`A cħ`
K YY_%.%`5df]!'& 5df]	@YWh fY	6]fX`K cf`Xg
	GYa]bUf	FZWH[W Xa_ 3TahW F YUX]b[g. gY`YW]cbg`Zca`K U`UW`GHj Ybg >"5"6U_YfZ`FZWBW[W[WfgY`YW]cbg`cb`A ccXYŁ

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'UHfYa dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiHfci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-',) "' ' ' %cf'Ya U]'HfYa 'cb'YI HYfbU'HY'fgi 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'mYUfI" Ʒmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'Zi 'hk]H'Hi fb]h]b'mci 'a UmUdd'mZcf'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYHU]b'mci f'h]W_Yhbi a VYf'Zca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmcHfYf'fY'Yj UbhXcW a YbHgE'hc
]bWi XY'Ug'Yj]XYbW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ʒmci 'Ya U]'9I HYfbU'Gi ddcfhmc i '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'HfY]f'gmghYa 'ghU'g'cb'Hk]HYf"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]HYX'Y'YWfcb]WU'mj]U'Y]HfYf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' Ʒ]bgHUbW'g'k \YfY'Hf'g]g'bcidcgg]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]bZcfa UH]cb'cb'\ck 'hc'gi Va]hUgg][ba YbHg'cb]bY'j]U'A ccX'Y. \hhdg.#gh XYbhi 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]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
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ
-

5 WUXYa]W=Zcfa Uh]cb

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

- fYei Yg]Zcf`YI H`bg]cb/
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