

ARTS2908

GYI 'UbX'Dck Yf'jb'9UfmiA cXYfb'7 \]bU'UbX'>UdUb

HYfa &Z&\$&&



7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHU]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
8f`>cY`K]b[!@ b	^k]b[`i b4 i bgk "YXi "Ui	6mUddc]bfa Ybh UbX#cf]j]U`Ya U]`	A cfj Yb 6fck b'' ' *	

GWcc``7cbHJW`bZcfa Uh]cb

GWcc``cZ<i a Ub]h]Yg/`@Ub[i U[Yg

5W_bck `YX[Ya YbhcZ'7ci blfm

I BGK '5fjz8Yg][b'UbX'5fWk]fYWi fY?Ybg]b[hcb'UbX'DUXX]b[hcb'Wla di gYg'UfY'Vi]hcb'5Vcf][]bU`

7ci fgY'8YHJ]`g

I b]hg'cZ7fYX]h*`

Gi a a UfmcZ`h\Y'7ci fgY

h`h]g`Vci fgYžmci `k]`YI d`cfY`h\Y`\]ghcfmcZYUfma cXYfb'7\]bU'UbX'>UdUb'fWJ" %* \$\$-% %&E`h`fci [\ `h\Y`Ybg'cZ[YbXYf'UbX'gYI i U`]mi'6mYI Ua]b]b[`hcd]Vg`]bWi X]b[`7cbZ V]Ub]ga `UbX'h\Y`ZJa]mžGUa i fU]ghUhi gž]a dYf]U`YI dUbg]cbžVca a YfW'UbX`Y]gi fYža YX]V]bY'UbX'fY`][]cbž]hia U_Yg'U`W]gY`Zcf'[YbXYf'UbX'gYI i U`]miUg'Xf]j Yfg'cZ\]ghcf]W]`V\Ub[Y]b`h\Y`YUfma cXYfb'k cfX" h`YI Ua]bYg'bchicb`mik ca Yb'UbX'k ca Yb'g`\]ghcfmžVi hU'gc'a Yb'UbX'a UgW`]b]mž'[YbXYf]bcbVcbZcfa]b[`Vca a i b]h]YgžUbX'h\Y`V\Ub[]b[

5ggYgga Ybh

H\YgY'UFY`h\Y`dfYZffYX`fYZfYbW]b[`grghYa g.

[: ccbch#6V\]c\[fUd\m](#)

[<Ufj_UFX`b!hYl hfYZfYbW\]b\[](#)

5ggYgga YbhUg_	K Y][\h	8i Y`8UH	7ci fgY`@YUfb]b[Ci hWca Yg`5ggYggYX
%"@YUfb]b[`DcftZ`]c	()	Bch5dd`]WUVY	%ž"
&"DfYgYbhU]cb	%)	Bch5dd`]WUVY	%ž' ž(
' "9ggUm	(\$	\$) #\$, #&\$&&\$) .\$\$`DA	%ž`&ž(

5ggYgga Ybh%`@YUfb]b[`DcftZ`]c

5ggYgga Ybh`Yb[h. `%ž&\$\$`k cfXg`]b`hcfU`

Gi Va]gg]cb`bchYg. `Gi Va]hi d`h`cbY`lci f`VYZcfY`h`hcf]U`Zcf]g]! `k YY_g`ci hcZb]bY

Gh XYb]g`Ub]gk Yf`gYhei Yghcbg`UVci hfYUX]b[g`gYhZcf`*`cZ- `k YY_g`]b`h`Y`Wci fgY`%ž&\$\$`k cfXg`k]h
Wca V]bU]cb`cZfi Vf]WgžWca a Yb]gžUbX`]b!WUgg`ZYXVUW`"

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

5ggYgga Ybh&`DfYgYbhU]cb

5ggYgga YbhYUfb[(h. `) `a]bi hYg

K YY_g`kGi Va]gg]cb`bchYg. `KYY`%`g`k`]WY`Ugg][bYX`]b`K YY_`%`h`hcf]U`

Gh XYb]g`dfYgYbh]bXYdYbXYbh`m

%o

]b

%o

m

5 hYbXUbWV`F Yei]fYa Ybhg

Gh XYbhg`UFY`gfcfb[`mYbWci fU[YX`fc`UhfYbX`U`WUggYg`UbX`fYj`]Yk`YWhi`fY`fYWcfX]b[`g"

7 ci fgY`GVW`YXi`Y`

[J`Yk`WUgg`ha`YhUV`Y`](#)

H]a`YhUV`Y`

8UhY	HmdY	7cbhYbh
K`YY_`%`"``\$`A`Um!`` >i`bY	@YWhi`fY	hfcXi`W]cb
	Hi`hc]f]U`	hfcXi`W]cb
K`YY_`&`.`*`>i`bY`!`%\$ >i`bY	@YWhi`fY	7`cbZ`W]Ub]ga`UbX`h`Y`:`Ua`]m
	Hi`hc]f]U`	7`cbZ`W]Ub]ga`UbX`h`Y`:`Ua`]m
K`YY_`"`.`.%`>i`bY`!`%+ >i`bY	@YWhi`fY	GYI`UbX`GhUhi`g
	Hi`hc]f]U`	GYI`UbX`GhUhi`g
K`YY_`(`.`&\$`>i`bY`!`&(` >i`bY	@YWhi`fY	;`YbXYfYX`@JVci`f
	Hi`hc]f]U`	;`YbXYfYX`@JVci`f
K`YY_`)`.`.&+`>i`bY`!`% >i`m	@YWhi`fY	a`dYf]U`9I`dUbg]cb
	Hi`hc]f]U`	a`dYf]U`9I`dUbg]cb
K`YY_`*`.`(``>i`m!`,`>i`m	F`YUX]b[F`YUX]b[`k`YY_`!`bc`WUggYg"
K`YY_`+`.`%%`>i`m!`%) >i`m	@YWhi`fY	GYI`UbX`h`Y`6cXm
	Hi`hc]f]U`	GYI`UbX`h`Y`6cXm
K`YY_`,`.`.%`>i`m!`&& >i`m	@YWhi`fY	GYI`UbX`7`ca`a`YfW
	Hi`hc]f]U`	GYI`UbX`7`ca`a`YfW
K`YY_`-`.`&`)`>i`m!`&- >i`m	@YWhi`fY	F`YVY``]cb`UbX`F`YZ`fa
	Hi`hc]f]U`	F`YVY``]cb`UbX`F`YZ`fa
K`YY_`%\$`.`%5i`[i`gh!`) 5i`[i`gh	@YWhi`fY	H\Y`6cXmDc`]h]W
	Hi`hc]f]U`	H\Y`6cXmDc`]h]W
	5ggYgga`Ybh	9ggUm`Hi`fb]h]b

F Ygci fWg

DfYgWf]VYX`F Ygci fWg

5`fYei]fYX`UbX`gi dd`Ya YbUfmWci fgY`fYUX]b[g`k]`VY`Uj U]UV`Y`cb`A ccX`Y"

F YWca a YbXYX`F Ygci fWg

GYY`@Y[Ublc

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

H\]g`]g`hY`Z]fghhja Y`h\]g`Wci fgY`]g`VY]b[`h]i [\h!`YI W]h]b[`K`Y`cc`_Zc]k UfX`hc`fYW]j]b[`mci f`ZYXVUW`Z`
UbX`k`Y`Wca Y`]h]bZcfa U`mi]h]fci [\ci h]Yfa "

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

Ẓmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UHYa 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]'H'Ya 'cb'YI HYfbU'HY'hgi 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" Ẓmci
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'm'Zcf'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYH]b'mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'Ubmch'Yf'fY'Yj UbhXcW a YbfgL'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'j]W]h]cb" Ẓmci 'Ya U]'9I HYfbU'Gi ddcfhmc i 'k]`
Ui 'ca U]W]m'fYW]j; Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k]`bYYX'hc'gdYW]W]m'Ug_ 'Zcf'cbY"
Hi fb]h]b'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'h'g'cb'Hk]HYf"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]HYX'Y'YWfcb]W]m'j]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba Ybhi'ž]bgHUbVW'g'k \YfY'H'g]g'bcidcgg]V'Yž'hk]`VY'ghUH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]H'k]H

5 WUXYa]WbZcfa Uh]cb

8i Y`tc`Yj`c`j`]b[`UXj`]W`VmiBGK` `<YU`h`z`gh` XYbh`g`a` i` gh`WXYW`Zcf`i` dXU`h`X`]bZcfa` Uh]cb`fY[`UfX]b[`cb`]bY`
`YUfb]b[`Zcf`U`5`fngz`8`Yg][`b`UbX`5`fW]h`W`i` fY`W`i` fgYg`h`g`h`fa` `fj`]U`A` ccX`Y`cf`W`i` fgY`]bZcfa` Uh]cb`
dfcj`]XYX`Ł

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

- fYei` Ygth`Zcf`YI` h`bg]cb/
- `UH`gi` Va`]gg]cbg[`i`]XY`]bYg/
- fYj`]Yk`cZa` Uf_g/
- I`BGK` `<YU`h`UbX`GUZY`mdc`]WYg/
- YI`Ua`]bUh]cb`dfc`W`Xi` fYg/
- gdYW]U`W`cbg]XYfUh]cb`]b`h`Y`Yj`Ybhcz`]b`Ygg`cf`a`]gUXj`Ybh`fY/
- gh`XYbh`Yei`]m`UbX`X]gUV`]m/
- UbX`ch`Yf`YggYbh]U`UWXYa`]W]bZcfa` Uh]cb`z`gYY

\`hdg.`#k`k`k`"i` bgk`"YXi`"Ui` #fng!XYg][`b!UfW]h`W`i` fY`#gh`XYbh`]ZY`#Ygci`fW`g!gi` ddcf`#dfc`W`g!`i`]XY`]bYg`

⇒ U[`Y`7`fYX]h

?]hU[`Uk`U`I` h`Ua` Ufc`!`8`U]a`]c`UbX`]\`g`F`Yh]bi`Y`7`fcgg]b[`U`G`h`Y`Ua`]b`D`U]b`B`Y`Uf`:`i` }`f%+)` `Ł

7`Yj`Y`UbX`A`i`gYi`a`cZ5`fh

7F`⇒CG

7F`⇒CG`Dfcj`]XYf`7`cXY`.\$\$\$`-`,`;