

ARTS2127

; fYUh'D`Umg

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

7ci fgY⁻Cj Yfj]Yk

'GhJZZ'7cbhJWh'8YhJ]`g'

'7cbj Ybcfg'

B Ua Y	9a U]`	5j U]`UV]`]m	@cWJhjcb	D\cbY
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GWXcc~7cbHJWh~\pdzcfa Uh]cb

Fcca " &ž`Yj Y`" FcVYfhK YVghYf`6i]`X]b[

D\cbY. f\$&Ł'-',) '(,) *

9a U]`. 'gUa 4 i bgk "YXi "Ui

K YVg]hY. \hdg.#gUa "Ufhg"i bgk "YXi "Ui

 $H\Y'GW\Cc``cZh\Y'5fhg`UbX`A YX]U'k ci `X``]_Y'hc'F YgdYWM\Co'`xm5W_bck `YX[Y'h\Y'HfUX]h]cbU``7i ghcX]UbgZh\Y'6YXY[U``fP Ybg]b[hcb'WJa di głZ; UX][U``fP]hmUbX'5fh/ '8Yg][b'7 Ua di gYgŁ'UbX'h\Y'B[i bbUk U`$

7 ci fgY 8 YHJ]`g 7 fYX]hDc]bhg * Gi a a UfmcZh\Y 7 ci fgY

5ggYgga Ybh

GYY'A ccX`Y"

5ggYgga Ybh'HUg_g'

5ggYgga Ybh'hUg_	K Y][\h	8i Y'8UHY	Gh XYbh@YUfb]b[Ci hWca Yg 5ggYggYX
FY\YUfgYX'FYUX]b[') \$1	+b'h\Y'`YWhfY#gYa]bUf'g`chcb (#'cf'%%#'cf'%#'cf'%)#	%ž&
D`UmhYI h'5bU`mg]g`) \$1	&+#\$(#&\$&\$^\$).\$\$^DA	%ž&ž ž(

5ggYgga Ybh'8YHJ]`g

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GhUfhXUhY. Bch5dd`]WUV`Y

@Yb[h\."\$!(\$a]bg

8 YHU]`g. '' \$! (\$`a]bi HY`[fci d`dfYgYbHUH]cb"H\Y`FY\YUfgYX`FYUX]b[`dfYgYbHUH]cb`]g`k cfh\`' \$i `UbX`H\Y \\X]j]Xi U``7 cblf]Vi H]cb`hc`h\Y`FY\YUfgYX`FYUX]b[`]g`k cfh\`&\$i "Mci `k]``fYWY]j Y`U'Wca d`YHYX 5ggYgga Ybh'Zcfa `]bWi X]b[`U'fi Vf]W]bX]WUH]b[``Yj Y``cZdYfZcfa UbWY`U[U]bghYUW\`UggYgga Ybh'Wf]HYf]Už k f]HYb`Zcfa UHjj Y`ZYYXVUW_žUbX`dYfWYbHU[Y`[fUXY"`

5XX]h]cbU`XYhU]`g.

GYY'A ccX`Y"

Gi Va]gg]cb bchYg.GYY A ccX`Y

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5 hyb XUb WY F Yei]fYa Ybhg

5 thY b X U b W 'U h @ Y W i f Y g 'U b X 'G Y a] b U f g '] g 'a U b X U hc f m] b 'th] g 'W c i f g Y 'U g 'th Y m U f Y 'X] f Y W m U g g c W U f h Y] f \ 7 c i f g Y '@ Y U f b] b ['C i f w c a Y g " '= Z U 'g h X Y b h Z J] `g 'hc 'U h Y b X k] h c i h [c c X 'W U g Y 'h Y 'W U g g '] b 'k \] W 'th Y] f [f c i d] g 'd f Y g Y b h b ['h Y] f F Y \ Y U f g Y X F Y U X] b ['Z c f 'U g g Y g g a Y b h z h \] g 'k] `` 'V Y 'W c i b h Y X 'U g 'U 'b c b ! g i V a] g g] c b 'c Z 5 g g Y g g a Y b h z "

#i]g'h\Y'fYgdcbg]V]`]lmicZYUW\'gh XYbhhc'a U_Y'gi fY'h\Ymg][b'h\Y'7`Ugg'F c``'h\Uh]g'X]ghf]Vi hYX']b'YUW\ k\YY_'Zfca 'K__'%cbk UfXg"''H\]g'F c``']g'X]ghf]Vi hYX'YUf'm]b'YUW\'&\f'WUgg"''\=ZU'gh XYbh]g'i bUV'Y'hc'UhhYbX U'WUggž'h\Ymg\ci `X']b\Zcfa 'h\Y'7 cbj Ybcfz'dfYZYfUV'm]b'UXj UbW'cZh\Y'WUgg"''K\YfY'Yj Ubhž gi ddcfh]b['XcW a YbhUh]cb'g\ci `X'VY'dfcj]XYX'Ug'gccb'Ug'dcgg]V'Y"''8i f]b['h\Y'F Y\YUfgYX'F YUX]b[dYf]cX'fK__g'%c'*\tzgh XYbhg'g\ci `X'U'gc']b\Zcfa 'h\Y'gh XYbh: UW]hUhcffgt]b'h\Y]f'[fci d"

7ci fqY'GWXYXi `Y

J]Yk 'WUgg'ha YHJV'Y

H]a YHJV`Y

O LIIA/	L local V	7
8 UhY	HmdY	7 cbhYbh
K YY_'%'%+': YVfi Ufm!'&% : YVfi Ufm	@YWhifY	K YX'%-': YVž'K YVghYf'' &+
. TVII OIIII		<pre>#blfcXi Wjb['th\Y'Wti fgYž'Ug'k Y```Ug'bchjcbg'cZth\Y [fYUh'd`Um''</pre>
	GYa]bUf	H\i fg'&\$'cf': f]X'&%: YVž'6`cW_'; %
		5f]ghchYfgih\YcfmcZU'[fYUhd`Um'fDcYhJVgfi
K YY_'&.'&(': YVfi Ufm!'&, : YVfi Ufm	@YWnifY	K YX'&* ': YVž'K YVghYf'' &+
		5 [fYUh; fYY_'lfU[YXm'
	GYa]bUf	H\i fg'&+'cf': f]X'&, ž'6`cW_'; %
		Gh Xmjb['d`chUbX`UWjcbž[YbfY`UbX``cWUjcb"'
K YY_" . & A UfWX ! * A UfWX	@YWnifY	K YX'('A UfVXž'K YVgHYf'' &+
		5 [fYUh; fYY_'Wta YXm"
		5 ggYgga Ybh% F Y\YUfgYX F YUX]b[g'%/ '&
	GYa]bUf	H\i fg') 'A UfW\'cf': f]X'* 'A UfW\ž6`cW_'; %
		Ghi Xmjb['UbWjYbhi; fYY_'h\YUhfY 'UbX 'gcWjYhm''
K YY_'(.'-'A UfWX'!'%' A UfWX	@YWnifY	K YX'%%'A UfW\ž'K YVghYf'' &+
		5 [fYUhF YbU]ggUbW hfU[YXm"
		5ggYgga Ybh% FY\YUfgYX FYUX]b[''
	GYa]bUf	H\i fg''&'cf': f]X''% ': YVž'6`cW_'; %
		F YbU]ggUbWY gHJ[]b[žgHJ[Y X]fYWYcbg UbX X]U`c[i Y"

K YY_').'%*'A UfWX'!'&\$ A UfWX	@YWn fY	K YX'% 'A UfW\ž'K YVghYf'' &+
AUIW		5 [fYUh: fYbW\ BYcWUgg]\W``Wca YXm'
		5ggYgga Ybh% FY\YUfgYX FYUX]b['(
	GYa]bUf	H\i fg'% 'cf': f]X'&\$'A UfW\ž'6`cW_'; %
		: fYbW\`BYcWUgg]WU`'h\YUlfYž'gHJ[Y'X]fYWf]cbg'UbX W\UfUWhYf]nUh]cb"
K YY_'*.'&' 'A UfVX'!'&+	@YWh fY	K YX &) A UfVX ž K YVgHYf" &+
A UfVX		9Ufm% 7 'XcW XfUa U"'
	0.1/ 11.116	5 ggYgga Ybh'% F Y\YUfgYX F YUX]b[')
	GYa]bUf	H\i fg`&*`cf`: f]X`&+`A UfV\\ž`6`c\ <u>V</u> `; %'
		HfYUha YbhicZh\Y`UWhcf#M\UfUWhYffgiVcXm]b`fY`Uh]cb hc`]hg`Ybj]fcba Ybhg"
K_YY_'+.'' \$'A UfW\'!'' 5df]`	@YWhi fY	K YX'%'5df]'ž'K YVghYf'' &+
501]		@UhY:% 7:BUhi fU`]ga "
	GYa]bUf	H\i fg`&`cf`: f]X'' '5df]`ž'6`cW_'; %
		HfYUmaYbhicZZYaU`Y`VcX]Yg`]b`fY`Uh]cb`hc`gcW]U` fc`YgžfY`Uh]cbg`UbX`gdUWYg"`
K_YY_`, . `* '5df]``! '%\$'5df]`	@YWhifY	K YX', '5df]žK YVghYf' &+
		A]X [*] &\$7 [*] 5Vgi fX]ga "
	GYa]bUf	H\i fg'- '5df]'ž'6`cW_'; %
		9b[U[Ya Ybhk]h\gmY'UbX'dcghk Uf'W'h fY"'
		@4,6gWfafZW7SefWdZafVSkfZWdW[e`aeW_[Sd
		a` 8qVSk #" 3bq(½ E fgVW fe [fZ[e eW_ [SdSdW
		i WUa_Wfa SffW V fZWI] * eW_[Sda` FZgdeVSk
		[`efWSVž 8adfZaeWi Za US``afSffW`VłS dWb'SUW_W`feW_[`Sde'afi [^TWeUZW\g\W\]`
		Ua`egfSf[a`i [fZ fZWdWWhS`f efgVW]fe [`I]#aX fZWUagdeWz
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5df]`		@UHY`&\$7`K cfX`XfUa U"
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		D`UmhYI hiUbU`mg]gigi f[Yfm"
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Juij		[5bU`mg]g"
		5ggYgga Ybh'&

I	l.	
		D`UmhYI h'5bU`mg]g`Xi Y`hc`Hi fb]h]b`Vm) da 'cb
	ļ.	A cbXUm&+ 5df]`"

FYgci fWyg

DfYgWf]VYX F Ygci fWYg

5 WUXYa | W < cbYghmUbX D`U[| Uf]ga

D`U[]Uf]ga i]gii g]b[ih\Yik cfXgicfi]XYUgicZch\YfgiUbXidfYgYbh]b[ih\Ya iUgimci fick b"i±iWUbihU_Yia Ubm Zcfa qžZfca iXYi]VYfUhYiW\YUh|b[ihciUVW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hUW_bck iYX[Ya Ybh'i

IBGK '[fci dg'd'U[]Uf]ga ']bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a]`Uf'k cfXg'hc'h\Y'cf][]bU`hYl h'cf']XYU'k]h\ci h'UW_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfcYWhgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k\YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]h'

⇒ Uddfcdf]UhY 'dUfUd\fUg]b[...7\Ub[]b['U'ZYk 'k cfXg'UbX'd\fUgYg'k \]'Y 'a cghmfYhJ]b]b['h\Y'cf][]bU` ghfi Wh fY 'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZh\Y'cf][]bU'žUbX']bZcfa Uh]cb'k]h\ci hUW_bck `YX[Ya Ybh'H\]g'U`gc Udd`]Yg']b'dfYgYbhUh]cbg'k \YfY'gca YcbY'dUfUd\fUgYg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci hWfYX]hUbX'hc d]YW]b['hc[Yh\Yf'ei chYg'UbX'dUfUd\fUgYg']bhc'U'bYk 'k \c`Yžk]h\ci hUddfcdf]UhY'fYZYfYbW]b["

7 c``i g]cb. 'k cf_]b['k]th 'cth Yfg'Vi hidUgg]b['cZZth Y 'k cf_'Ug'U'dYfgcb'g']bX]j]Xi U``k cf_"'7 c``i g]cb'U`gc]bWi XYg'dfcj]X]b['mci f'k cf_'thc'Ubcth Yf'ghi XYbh'VYZcfY'th Y'Xi Y'XUHYZcf'Zcf'th Y'di fdcgY'cZth Ya

- i bXYfgfUbX mci f'f][\hg'UbX'fYgdcbg]V]`]hJYg'Ug'U'gh XYbhUhl BGK
- VY`Uk UfY`cZd`U[]Uf]ga ž`Wcdmf][\hz'l BGK `Gh XYbh7cXY`cZ7cbXi WhUbX`5VWWdhUV`Y`l gY`cZ I BGK `=\forall H`F Ygci f\W\g`Dc`]\m\m
- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg 'cZVY\Uj]ci f'Yl dYWYX 'cZYj YfmcbY ']b 'h\Y 'l BGK 'Wca a i b]hm
- `cWUHY 'gYfj]WYg'UbX ']bZcfa UH]cb'UVci hI BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``h\YfY`UhYX'UgdYWng'cZ9@+69'k]``\Y`d'mci 'a U_Y'h\Y'a cghicZmci f'ghi X]Yg'UhI BGK "'\\hd.##qi V'YWfi |XYg"`]VfUfm'i bqk "YXi "Ui #\`]qY#JVci hY`]qY