



ARTS2061

7 cbhYa dcfUfm5ddfcUWX Yg'hc '7]bYa U

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

GWXcc`cZHAY`5ftg`UbX`A`YXJU``#`I`BGK`..5ftg`UbX`GcWJU`GWYbWg



7ci fgY`Cj Yfj JYk

GHJZZ7cbhJWw8YHJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
8f`>cXj`6fcc_g	^Vfcc_g4 i bgk "YXi "Ui	Hi YgXUmg`%\$!%% UbX`cH`Yf`hja Yg`Vm Uddc]bha Ybh	&' %< `K YVghYf 6i]X]b[	f* %&Ł- \$*) , \$&

Hi hcfjg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
>cXj`6fcc_g	^Vfcc_g4 i bgk "YXi "Ui	Hi YgXUmg`%\$!%%Ja UbX`cH`Yf`hja Yg`Vm Uddc]bha Ybh	&' %< `K YVghYf 6i]X]b[	f* %&Ł - \$*), \$&

GW\cc`7cbhJWw`bZcfa Uhjcb

GW\cc`cZhY`5frg`UbX`A YX]U

Fcca ` ` %&ž@y]Y`" žF cVYfhk YVghYf`6i]X]b[`f] %Ł

D\cbY.`f\$&Ł-` ,) `(,) *

9a Uj`. [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY. [k k k "Ufrg"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc`cZhY`5frg`UbX`A YX]U`k ci `X`_]Y`hc`F YgdYWz`m5W_bck`YX[Y`hY`HfUX]hcbU`7i`grcX]Ubgž`hY`6YXY[U`fP`Ybg]b[hcb`WJa`di`gŁž; UX][U`fP`]mUbX`5fhi`8Yg][b`7 Ua`di`gYgŁ`UbX`hY`B [i`bbUk`U`dYcd`Y`fBi`ghfU]Ub`8YZ`bW` : cfW`5WUXYa`m]b`7 UbVYffUŁcZhY`UbXg`k`YfY`YUW`WJa`di`g`cZI`BGK`]g`cWJhYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bhg`*`

Gi a a UfmcZh\Y'7ci fgY

H\]g`Wci fgY`]bffcXi Wg'ghi XYbhg`hc`gca Y`cZh\Y`_YmXYVUHg`]b`WcbhYa dcfUfmZ]a`h\YcfmZ]ca`h\Y`%-+\$g

Ybj]fcba Ybh]b`k \]W\`h`YmWU]b`UWèi]fY`h`Y`bYW\ggUfmig_]`g`UbX`_bck`YX[Y`h`c`XYj Y`cd`h`Uh
dfc`YW\

5ggYgga Ybh

: i ``XYHJ]g`UVci hYUW`UggYgga YbhHJg_ž]bWl X]b[`hcd]Wg#i Ygh]cbgžfYgci fWgž: 5E g`UbX`a Uf_]b[W]hYf]U`UfY`dfcj]XYX`cb`h\Y`Włi fgY`A ccX`Y`UbX`UfY`X]gW ggYX`]b`WUgg"

5ggYgga YbhHJg_g

5ggYgga YbhHJg_	K Y][\h	8i Y`8UH	Gh XYbh@YUfb]b[Ci hWła Yg`5ggYggYX
F Ydcfh	(\$i	%- #` \$) #&\$&%%%\$ \$`DA	%ž` &
F YgYUfW`9ggUm	* \$i	\$` #` \$) #&\$&%%%\$ \$`DA	%ž` ž` (

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh%`F Ydcfh

@Yb[h. `%\$\$\$`k cfXg

8YHJ]`g.

łX]j]Xi U`

%\$\$\$`k cfXg`d`i`g`gi ddcfh]b[`j]gi U`a UHf]U`"

I bXYfU_Yb`Ug`U`fYgi `hcZ[fci d`YUfb]b[`UW]j]h]Yg`UbX`Yb[U[Ya Ybhk]h`cb`]bY`gci fWg`"Gi Va]hYX`Ug]bX]j]Xi U`gi Va]gg]cbg`Włbg]gh]b[`cZk f]hYb`k cf`_`UbX`]a U[Yg`Zcf`cb`]bY`[U`YfmfW]dg#WYYb`[fUVg#` =`g UbX`chYf`fYgYUfW`a UHf]U`gł"

: YYXVUW_j]U`@A G

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

GYY`A ccX`Y`Zcf`XYHJ]YX`]bZcfa U]cb`UVci h\h]g`UggYgga YbhHJg_"

Gi Va]gg]cb`bchYg. `k f]hYb`gi Va]gg]cb`j]U`Hi fb]h]b

Hi fb]h]b`gYH]b[.`H\]g`Ugg][ba Ybh]g`gi Va]hYX`h`fci [\`Hi fb]h]b`UbX`ghi XYbhg`Xc`bchgYY`Hi fb]h]b`g]a]Uf]hmfYdcftrg"

5ggYgga Ybh&.`F YgYUfW`9ggUm

@Yb[h. `&` \$\$\$`k cfXg

8YHJ]`g.

łX]j]Xi U`

&` \$\$\$`k cfXg

: YYXVUW_j]U'@A G

H\]g']g'h\Y`Z]bU`UggYgga Ybh

Gi Va]gg]cb'bcH]g. 'D`YUgY'gYY`Wci fgY'a ccXY

Hi fb]h]b'gYh]b[. 'H\]g'Ugg][ba Ybh]g'gi Va]h]X'h]fci [\ 'Hi fb]h]b'UbX'ghi XYbh]Xc'bcHgYY'Hi fb]h]b
g]a]Uf]h]mifYdcf]g"

	GWYYb]b[	Eg[fUSeWaX>ahWS` V EZS_ Wf>UbY';]`cc`mž&\$\$%(Ł
K YY_) . % 'A UfW ! '%- A UfW	Hi hcf]U`	hcd]W(. YI d`cf]b[`dfUWf]Wg`cZUddfcd]U]b[`UbX`fY! di fdcg]b[`dfY!YI]gh]b[`Ui X]cj]gi U`a UHf]U`fW]gY gh X]Yg`UbX`XYVUH`Ł
	F YUX]b[	9ggYbh]U`fYUX]b[`fd`fYdUfUH]cb`Zcf`YWh`fY`/ hcd]W) Ł 7 Uff][mžA Y[Ub`f&\$\$&Ł`F`Y!ghU[]b[`h`Y W]bYa U. `BekUZaŁ :]a `GdYWUhc]fg\]dž`UbX`h`Y F`YXi bXUbhBYk `F`Ya U_Yž`GWXX]b[]fWY B`Sef`fGdYWU`]ggi Y`I bh]a Y`m7]bYa U`Łž`c`", "
	@YWh`fY	@YWh`fY) . `F`Ya U_Ygž`bh]fa YX]U`]hm]UbX h`Y`5`Z`Y`f`]j`Yg`c`Z`7]bYa U
	GWYYb]b[	fcb`]bYŁ`BekUZa`f] i`g`J`Ub`G`Ubhž`%`- , Ł`UbX`Dgm]W`c fB`Z`Y`X`<]h`W`Ł`W`ž`%`*`\$Ł
K YY_`* . &&`A UfW ! `&` A UfW	<ca`Yk`cf_	F`Yg`YU`fW`K`YY_ . `G`Y`Y`A`c`c`X`Y`Z`c`f`X`Y`H`J`]`g
K YY_`+ . &- `A UfW ! `& 5df]`	Hi hcf]U`	8]g`W`g`g`]c`b`c`z`f`Y`g`Y`f`W`]`z`]b`X`]b`f`g`U`b`X`d`f`c`Y`W`h [U`Y`f`]Y`g`f`g`Y`Y`A`c`c`X`Y`Ł
	W]g]W]S`V	9ggYbh]U`fYUX]b[`fd`fYdUfUH]cb`Zcf`YWh`fY`UbX

7eeW f[S^d]SV[Y /bd]b]Sd]f]a` Xad W]g]W]S[V

	@YWhi fy	@YWhi fy+. '5Wci gh]Wg'UbX'gdUWY. '7]bYa U]b'Ub'9I dUbXYX':]Y'X'
	GWYYb]b[	fC b`]bY'9 [dZaaV f7Y`]bY'GW]Ua a Uz&\$(E fH67 E
K YY_ ; .) '5df]'! - '5df]'	C b`]bY'5W]j]lm	Hi hc]U'`WUggYg'k]`fi b'Ug'cb`]bY'UW]j]h]Yg/ gh XYbh'Wcbgi `fU]cbg:Xi Y'hc'di V`]W\c`]XUmh\]g k YY_`fgYY'A ccX'Y'Zc'f'XY]U]gE
	F YUX]b[	9ggYbh]U'`fYUX]b[`fd'fYdUfU]cb'Zc'f`YWhi fy'UbX hc]d]W, E ; fUblz'7 UhYf]bY'f&\$\$\$E`"k k k "Ui hYi f"Wca 3`" E UdWY (\$'f)E A UmYfz'Gcd\]Y'f&\$\$*E'Ba (f[US^3` [S'e, fZW@W 8W_ [[ef 5 [W_ Sz@c bXcb. '=6" HUi f]g'fYI W'fdhgE UbX'YY'A ccX'Y'Zc'f'gi dd'Ya Yb]Ufm]YUX]b[g
	@YWhi fy	@YWhi fy', . '5i hYi f]ga `]b'WcbhYa dcfUfm W]bYa U'fdUfh'\$/ `WUgY'gh Xmi'fdUfh'&E
	GWYYb]b[	fCb`]bY'8[eZ FS`] f5bXfYU'5fbc'Xz&\$\$- E'h'W
K YY_`- . '%&'5df]'! '%* 5df]'	Hi hc]U'	9ggUmik f]h]b[`k cf_g\cd / `WUgY'gh XmUbU'm]g
	F YUX]b[	9ggYbh]U'`fYUX]b[`fd'fYdUfU]cb'Zc'f`YWhi fy'UbX hc]d]W- E 9I W'fdhg'Zca `E bWUfSug'Sd6 [Y[FS^7XWUfe, 59; S` V 5a` fW_ badSck 5 [W_ S Vm? f]ghYb'K \]ggY`fBi _Y I D`&\$\$E 8Y]U]g'UVci hgi dd'Ya Yb]Ufm]YUX]b[g'UbX fYgci fW'g'cb'A ccX'Y"
	@YWhi fy	@YWhi fy`- . 'GdYWUWU'`Uf'YZZYW]g'UbX'h'Y fY'Uh]cbg\]d'VYrk YYb'bUffU]h] Y'UbX gdYWUWY'`]b'WcbhYa dcfUfmV`cW_Vi ghYf W]bYa U
K YY_`%\$. %- '5df]'! '& 5df]'	Hi hc]U'	H\Y'fY'Uh]cbg\]df]gE'VYrk YYb'bUffU]h] Y'UbX gdYWUWY'`]b'WcbhYa dcfUfmV`cW_Vi ghYf'W]bYa U / YggUmik f]h]b[`k cf_g\cd`&
	F YUX]b[	fYUX]b[`Zc'f`YWhi fy / `hc]d]W%\$. GWcbWYz`>YZfYmf&\$\$+E`" `hfcXi W]cbz`']b'E'WSI W 3df[efe, 5 [W_ S SfZW? SdY [e aXF SefW E fk'WS` V Ba (f[Ue`"8i f\Ua . '8i _Y'I b]j Yfg]mDfYgg"

	<p>GWŁbWŹ>YZFYmf% - -) Ł"“HfUg\]b['hY'5WUXYa m HUghŹŹ9I WŹggŹUbX'Ub'9a Yf[]b['Dc']h]Wg'cZ 7]bYa Uh]WGhmYŹ'E UdWw 'j c'' *"</p> <p>8YhU]g'UVci hgi dd'Ya YbUfmfYUX]b[g'UbX fYgci fWg'cb'A ccX'Y"</p>
@YWh fy	@YWh fy %\$. '7]bYa U'Uh'h Y'a Uf[]bg. 'W`h W]bYa U'UbX'h Y'fm\YUhf]WU'YI dYf]YbWfi .
GWYYb]b[	'7h[^6WSV \$ fGUa 'F U]a]Ź%- , +Ł' fcb!WJa di g'Ub#Łf'cb]bY'gWYYb]b['Źcf'Z]bU'k YY_Ł

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

9ggYbh]U`fYUX]b[.

H\Y`gYhk YY_mfYUX]b[g`Zc`f`h`g`Wci fgY`UFY`Uj U]UV`Y`h`fci [\`@Y[Ubhc`j]U`A`ccX`Y`!!`d`YUgY`a`U`_Y`gi`fY`mci`Vf]b[`Y`Y`Wfcb]Wcf`\UfX`Wcd]Yg`cZ`h`Y`fY`Yj`UbhfYUX]b[g`hc`WUgg`YUW`k`YY`_gc`h`Uh`h`Y`m`Wb`VY`dfcdYfmX]gW`ggYX`UbX`XYVUH`X`

Cb`]bY`Wci fgY`fYgci fW. `5F`HG&\$`*`%]g`cb`A`ccX`Y`—d`YUgY`Wcbgi`h]hifY[i`UfmiZc`f]a`dcffUbh]bZcfa`Uhcb`UVci`h`h`Y`Wci`fgY`

9UW`k`YY`_g`hcd]W\Ug`]h`g`ck`b`gYW]cb`]b`A`ccX`Y`" `#`h`Y`gY`gYW]cbg`mci`k`]`Z]bX.

- 5b`]bhfci`Xi`W]cb`hc`h`Y`hcd]WVY]b[`Yi`Ua`]bYX/
- Gi` [[Ygh`X`Z`fh`Y`f`fYUX]b[
- @]b`_g`hc`fY`Yj`Ubhk`YVg]hYg
- 5WV`gg`hc`Y`W`h`fY`fYW`cfX]b[g
- Hi`hc`f]U`dfY`dUfU]cb`]bZcfa`Uhcb

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`VUW_[fci`bX`fYUX]b[.

- 8"B`"F`cXck`]W`H\Y`J`]fh`U`@]Z`cZ: `]a`"f`cbXcb`UbX`7`Ua`Vf]X[`Yz`A`Ugg".`<`Uf]`UfX`i`Dz`&\$\$`+`E`"5b`]a`dcffUbh]UbX`_YmihY`h]b`WcbhYa`dcfUfmiZ]a`h`Y`cfnz`UbX`U`_YmihY`hZc`f`h`g`Wci`fgY`"9!`Vcc`_`Uj`U]UV`Y`h`fci`[\`h`Y`"VfUfmz`]"b`_cb`A`ccX`Y`
- DUa`7`cc`_fY`X`E`H\Y`7]bYa`U`6cc`_f`cbXcb.`6: `z`&\$\$`+`z`"fX`YX]hcbE`"H\]g`]g`Ub`Yi`W`"YbhfY`ZYfYbW`Vcc`_Zc`f`Ubmcby`Xc]b[`U: `]a`G`h`X]Yg`a`U`cf`" `#`dfcj`]XYg`i`gYz`"bZcfa`Uhcb`cb`X]ZYfYbh`h`Y`cfY`h]W`UddfcUW`Yg`hc`Z]a`UbX`W]bYa`U`gh`X]Yg`z`X]ZYfYbhW]bYa`Ug`UbX`[`YbYg`z`UbX`X]ZYfYbh`dYf]cXg`cZ`Z]a` \]g`hc`fm`7`cd]Yg`Uj`U]UV`Y`]b`h`Y`"VfUfm`
- ;`mb`8`Uj`]g`z`?`Um8]W]bgcbz`@]gU`DUh]z`UbX`5a`mJ`]UfY`cz: `]a`G`h`X]Yg.`5`;`cVU`" `#`hfci`W]cb`fBYk`Mcf`_`UbX`@cbXcb.`F`ci`hYX[`Yz`&\$\$`E`"H\]g`fYW`bhdi`V]W]hcb`]g`U`i`gYz`"fYgci`fW`Vch`Zc`f`h`cgY`bYk`hc: `]a`G`h`X]Yg`UbX`Zc`f`h`cgY`k`lc`UfY`]a`a`YfgYX`]b`h`Y`Z]Y`X`"Ghcb[`mfYWca`a`YbXYX`!!`YVcc`_`Uj`U]UV`Y`h`fci`[\`h`Y`"VfUfmz`]"b`_cb`A`ccX`Y`

7ci fgY`9j`U`i`Uhcb`UbX`8Yj`Y`cda`Ybh

7ci`fgY`a`UHf]U`g`UbX`Wci`fgY`ghf`W`h`fY`f]bW`i`X]b[`h`Y`fYUX]b[g`z`gWfY`Yb]b[g`z`cfXYf]b[`cZ`hcd]Wg`UbX`hcd]Wg`z`UbX`h`Y`Zcfa`g`cZ`UggYgga`Ybh`UfY`fY[i`UfmiYj`]gYX`VUgYX`cb`gh`XYbhZYXVUW`_`Ug`k`Y`"Ug`bYk`X]fYW]cbg`UbX`bYk`di`V]W]hcbg`]b`h`Y`Z]Y`X`":`cf`h`g`fYUgcbz`mci`f`h`ci`[\`hg`cb`h`Y`Wci`fgY`UFY`dUf]W`Ufmi`gYz`"UbX`j`U`i`UV`Y`UbX`k`Y`k`]`VY`Ug`_]b[`mci`hc`fYZYW]cb`mci`f`YUfb]b[`]b`h`Y`Wci`fgY`Xi`f]b[`h`Y`gYgg]cb`"

7cbhYa`dcfUfmi5ddfcUW`Yg`hc`7]bYa`U`Ug`VY`Yb`fYj`]gYX`Zc`ck`]b[`ZYXVUW`_`Wc`"YWYX`Zcfa`gh`XYbhg`]b`dfYj`]ci`g`mYUfg`fVch`h`fci`[\`h`Y`75H9`=UbX`a`m9I`dYf]YbW`gh`XYbhZYXVUW`_`UbX`h`fci`[\`ch`Y`f`ZYXVUW`_`E`"DfYj`]ci`g`gh`XYbhg`]b`h`Y`Wci`fgY`Uj`Y`dfcj`]XYX`dcg]h]Y`ZYXVUW`_`UVci`hVch`h`Y`VfYUX`h`cZ`Z]a`UbX`ch`Y`f`gWfY`b]VUgYX`a`UHf]U`Yi`Ua`]bYX`]b`h`Y`Wci`fgY`UbX`UVci`h`h`Y`XYVUH`g`h`Uhk`YfY`Yi`d`cfYXz`UbX`h`g`ZYXVUW`_`Ug`]bZcfa`YX`h`g`j`Yfg]cb`cZ`h`Y`Wci`fgY`"=YbWci`fU[`Y`mci`hc`[]`j`Y`ZYXVUW`_`cb`h`Y`

Wci fgYžbchcb`mhfci [\`hY`žcfa U`ZYXVUW`dfcWgg`Vi hU`gc`]b`WUgg`X]gW`gg]cbg`Xi f]b[`hY`gYa YghYf"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

≠mci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UffYa dh]b['hc'gi Va]hirci f'Ugg][ba Ybhih'fci [\ 'Hi fb]h]bž'd'YUgY

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

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

- fYei Ygth`Zcf`Yl Hrbg]cb/