

# **ARTS2211**

9Ugh:5g]U

GYa YghYf'C bY''##'&\$%

7ci fgY <sup>*</sup> Cj Yfj ]Yk
GHJZZ:7cbHJWh'8YHJ]`g`

### 5WUXYa]W±bZcfaUh]cb

: cf`YggYbhJU``ghi XYbh`]bZcfa UhJcb`fY`UhJb[ 'hc. 'fYei Yghg`Zcf`Yl hYbg]cb/fYj ]Yk 'cZa Uf\_g/cWW dUhJcbU``\YU`h\UbX`gUZ/my`Yl Ua ]bUhJcb'dfcWXi fYg/gdYWJU``Wcbg]XYfUhJcb`]b'h\Y'Yj YbhcZ]``bYgg`cf`a ]gUXj Ybhi fY/ghi XYbhYei ]hmUbX`X]gUV]`]hm'UbX`ch\Yf`YggYbhJU``UWUXYa ]W]bZcfa UhJcbž gYY`\hdg.#k k k "Ufhg"i bgk "YXi "Ui #W ffYbhghi XYbhg#JWUXYa ]W]bZcfa UhJcb#dfchcWc`g![i ]XY`]bYg#

## 7ci fgY 8YHJ] g

#### 7 fYX]hDc]bhg \* \*

### Gi a a UfmcZh\Y 7ci fgY

 $Gi VYWh5fYU. "3e[S` EfgV[We H\]g'Wci fgY'WJb'U`gc'VY'ghi X]YX']b'h\Y'Zc``ck]b[ "gdYW]U`]gUh]cbg.": [efackl ;` Va` We[S` EfgV[Wel = adWS` Ef$ 

H\]g'Wei fgY'ZcW gYg'cb']bhYfUWfjcbg'Ua cb['7\]bUž'?cfYUž'UbX'>UdUb/h\Y]f'fY`Ufjcbg'k]h\h\Y'K Ygh'UbX h\Y']ggi Y'cZW hi fY'UbX'Wfj]]nUhjcb']b'h\Y'dcghbUhjcb!ghUhY'YfU"'H\Y'Wei fgY']g'cf[Ub]nYX'h\Ya UhjWU``m'' \( \text{a} \) ghUffg'VmZUa ]b['9Ugh5g]U']b'h\Y fa g'cZ]hg'\]ghcfmcZ['cVU']nUhjcb'h\fei [\\W'hi fU''UbX'fY'][]ci g ]bhYfUWfjcb"'H\Y'Wei fgY'h\Yb'hi fbg'hc Z bXUa YbhU`W hi fU''Wea a cbU']hYg'WYbhf]b['cb'ghUhYWfUZhz']bgh]hi hjcbgžYXi WUhjcb'UbX'bchjcbg'cZWfj]']nUhjcb'h\Uni b]hYX'UbX'X]j ]XYX'h\Y'fY[]cb'''7 fcgg'W' hi fU''Wea dUf]gcbg'Ua cb['7\]bUž'>UdUbž'UbX'?cfYU'\][\\`][\hh\Y'['cVU'`UbX'fY[]cbU'`X]a Ybg]cbg'cZW''hi fU''W\Ub[Y']b'9Ugh5g]U"'H\YgY'ZfUa Y'W''hi fU''g]a]'UfjhYg'UbX'X]ZYfYbWYg'h\UhjbZi YbWYX'h\Y'j Ufm]b[UddfcUW\Yg'hc'a cXYfb]mhU\_Yb'Vm7\]bYgYž'>UdUbYgY'UbX'?cfYUb'UWfj]ghg'k\Yb'9Ugh5g]U''Wa Y'i bXYf]bWfYUg]b['dfYggi fY'Zfca''h\Y'K Ygh'H\Y'Zcfa Uhjcb'cZbUhjcb!ghUhY']XYc`c[]Yg'U'cb['K YghYfb'`]bYg'`YX'hc Yj c'j ]b['WcbW'dhjcbg'cZh\Y]f'd'UW'']b'h\Y'k cf'Xz'h\Y'a YUb]b['cZW''hi fYz'h\Y'fc'YcZWca a YfWYz'UbX'h\Y'fY'Uhjcbg\]d'cZh\Y']f'd'UW'']b'h\Y'k cf'Xz'h\Y'a YUb]b['cZW''hi fYz'h\Y'fc'YcZWca a YfWYz'UbX''h\Y'fY'Uhjcbg\]d'cZh\Y']f'd'UW'']b'h\Y'k cf'Xz'h\Y'a YUb]b['cZW''hi fYz'h\Y'fc'YcZWca a YfWYz'UbX''h\Y'fY'Uhjcbg\]d'cZh\Y']f'd'UW'']b'h\Y''6i h']b'h\Y'YfU'cZ['cVU']nUhjcbz'h\YgY']ggi Yg'UfY'g]hi UhYX']b'U dcghbUhjcb!ghUh'ZfUa Yk cf\_"

 $H\Y'Wci fgY'h\i g'WcbWi XYg'k ]h\'9Ughi5g]Ufg'Wcblf]Vi h]cbg'hc'[`cVU`]nUh]cb"H\]g'Wci fgY']g'HUi [\hi]b'9b[`]g\UbX'k ]h\'fYUX]b[g']b'9b[`]g\"$ 

## 5 hith Y WcbWi g]cb cZih ]g Wci fgY ih Y ghi XYbhik ]``VY UV Y hc

%" 5bU`mgY`fY`Yj Ubh'UgdYWmg`cZh\Y`X]j Yfg]hm'UbX`XmbUa ]ga `cZ9Ugh'5g]U

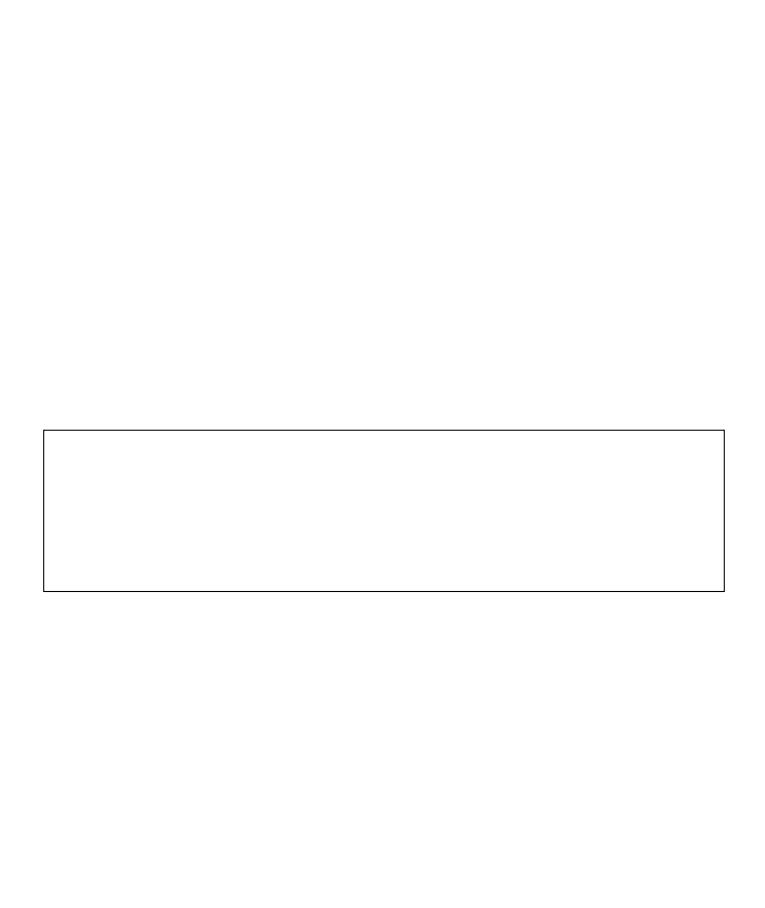
&" 5bU'mgY'UbX'Yj U'i UHY'gWkc'Uf'm']HYfUH fY'cb'9Ugh5g]U

 $\label{eq:continuity} \begin{tabular}{ll} \b$ 

("7cbglfi WiYj]XYbWY!VUgYX`Uf[iaYbhg`ig]b[`]bXYdYbXYbhm`cWUhYX`gcifWYg

## HYUW ]b[ 'GhfUhY[ ]Yg'

# 5ggYgga Ybh



@Yb[h. 5ddfcl]a UhY`m'\\$\$ k cfXg

**8YHJ]`g**. `Ghi XYbhg`i bXYfhU\_Y`Ub`]bXYdYbXYbhfYgYUfW\`dfc^YWhffci [\`m'%&\$\$`k cfXgŁ": YYXVUW\_`j ]U ]bX]j ]Xi U``Wca a Ybhg`UbX`fi Vf]W

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

5XX]h]cbu``XYhJ]`YX`]bZcfa Uh]cb`cb`h\Y`ghfi Whi fY`cZh\Y`7f]h]WU``6]V`]c[fUd\mk]``VY`dcghYX`cb`A ccX`Y"

Hi fb]h]b gYh]b[. `H\]g Ugg][ ba Ybh]g gi Va ]hhYX h\fci [\`Hi fb]h]b UbX gh XYbhg Xc bchgYY Hi fb]h]b g]a ]`Uf]hmfYdcfhg"

5ggYgga Ybh' = \$!WUgg Yl Ua &

GhUfhiXUhY. "%+#\$) #&\$% "\$-.\$\$"5A

@Yb[h. & Sei Yghcbg

**8YHJ]`g.** '91 Ua `f&`\ci fgŁ'Wcj Yf]b[ `a UHYf]U``Wcj YfYX`UZHYf`YI Ua `, %": YYXVUW\_j ]U`]bX]j ]Xi U``fYgi `hg`UbX`]b! WUgg`X]gW gg]cb"'H\]g']g'h\Y`Z]bU``UggYgga YbhZcf`UHYbXUbW'di fdcgYg"

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

 $H\Y'Zcfa\ UhicZh\]g'ei\]n\#I\ Ua\ 'k\]```VY'h\Y'gUa\ Y'Ug'h\Y'Z]fghz'UbX']hk\]````Uf[\ Y`m'ZcW\ g'cb'h\Y'Wci\ fgY'fYUX]b[\ g\ UbX'a\ UhYf]U'g'Wcj\ YfYX'UZhYf'9I\ Ua\ ', \%''$ 

Gh XYbhg k]``bYYX hc VY cb ha Y k]h\ h\Y]f gh XYbhg =8 fa cb h\Y]f XYg\_g UbX U``Y`gY WYUfYX Uk Um'

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

### Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

Gh XYbhg UfY Yl dYWYX hc di hh\Y]f bUa Yg UbX gh XYbhbi a VYfg cb Yj YfmdU[Y cZh\Y]f Ugg][ ba Ybhg"

#### Hī Cibr]knjbi GiinVa Sjoug bochnission

☐ Included the following of the fol

ł `G][ b]Z]\WbhmUZZY\Wimci f`dYfZcfa Ub\Wr`]b`UggYggUV`Y`k cf\_ž`VY`]h'U`Zcfa U``YbX!cZgYa YghYf`Yl Ua ]bUh]cbž`U \WUgg`hYghž`U``UVcfUhcfmhYghž`U`gYa ]bUf`dfYgYbhUh]cb`cf`Ubmch\Yf`Zcfa 'cZUggYgga Ybh'

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

D`U[]Uf]ga `]g`i g]b[ 'h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[ 'h\Ya `Ug`mci f`ck b"'\lefi\Wb'hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UVW]XYbhU`mWcdm]b[ 'Zfca `U`gci f\W' k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK [fcidgdu[]uf]ga ]bhch\YZc``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'

±DUddfcdf]UhY`dUfUd\fUg]b[.'W\Ub[]b['U'ZYk'kcfXg'UbX'd\fUgYg'k\]`Y`acghmfYhJ]b]b['h\Y`cf][]bU`ghfi WhifY`UbX`]bZcfaUh]cb`k]h\ci hUW\_bck`YX[YaYbh'H\]g'U`gc'Udd`]Yg`]b'dfYgYbhUh]cbg'k\YfY`gcaYcbYdUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf'kcfXg'k]h\ci hWfYX]h''±iU`gc'Udd`]Yg`hc'd]YW]b['hc[Yh\Yf'ei chYg'UbXdUfUd\fUgYg`]bhc'U'bYk'k\c`Yžk]h\ci hfYZ/fYbW]b['UbX'U'ghi XYbh'g`ck b'UbU`mg]g`hc'Vf]b['h\Y`aUhYf]U`hc[Yh\Yf''

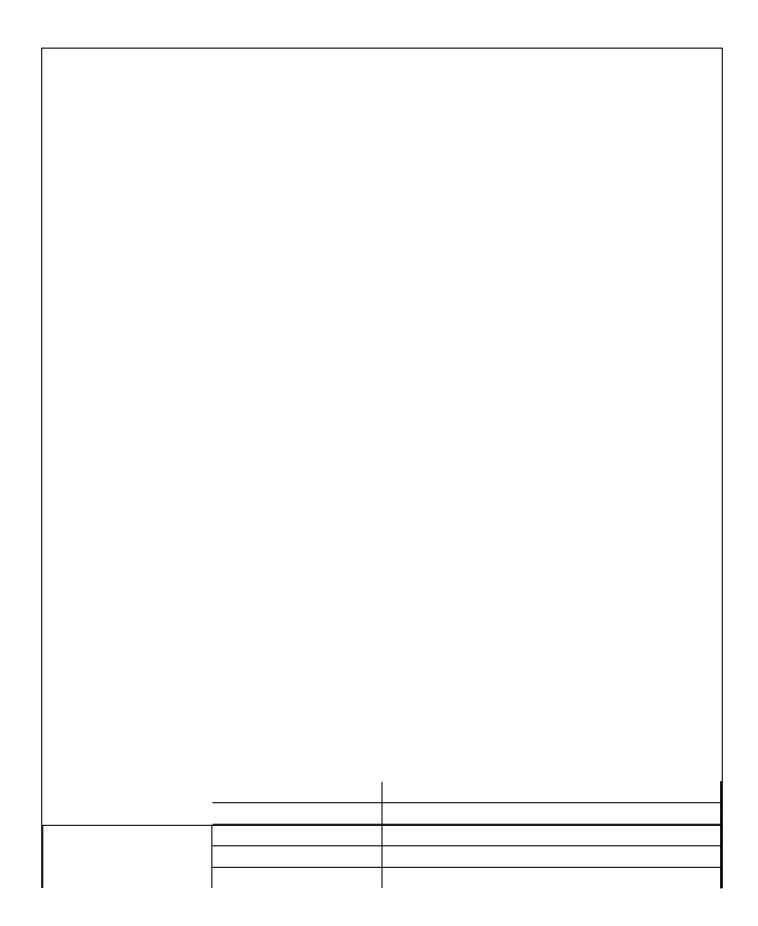
7 c``i g]cb. 'k cf\_]b[ 'k ]h\ 'ch\ Yfg'Vi h'dUgg]b[ 'c\Z'h\ Y 'k cf\_'Ug'U'dYfgcb'g']b\X]j ]\Xi U``k cf\_"'7 c``i g]cb'U`gc ]b\Wi XYg'dfcj ]\X]b[ 'mci f'k cf\_'hc'Ubch\ Yf'ghi XYbh\ VYZcfY'h\ Y 'Xi Y 'XUhYzcf'Zcf'h\ Y' di fdcgY'cZh\ Ya d`U[ ]\Uf]g]b[ 'Uh\Ubmh]a Yz'dUm]b[ 'Ubch\ Yf'dYfgcb'hc'dYfZcfa 'Ub'U\WUXYa ]\Wh\Ug\_z'ghYU']b[ 'cf'U\\ello i ]f]b[ Ubch\ Yf'dYfgcb'g' U\WUXYa ]\Wk cf\_'Ub\X'\\ello dm]b[ ']hz'c\ZYf]b[ 'hc'\\ello a d`YhY'Ubch\ Yf'dYfgcb'g' k cf\_'cf'gYY\_]b[ d\una Ybh\Zcf'\\ello a d`Yh\beta d`

±bUddfcdf]UhY`W]hUh]cb.`7]h]b[ˈgci fW/gˈk \]WX`\Uj Y`bchVYYb`fYUXžk]h\ci hUW\_bck`YX[]b[ˈh\Y`″gYWcbXUfm″gci fW/Zfca k \]WX`\_bck`YX[Y`cZh\Ya`\Ug'VYYb`cVhU]bYX"

8 i d`]\WUh]cb`ff`gY`Zld`U[]\Uf]ga "Ł`gi Va]\h]b[`mci f`ck b`k cf\_ž]b`k \c`Y`cf`]b`dUfhžk \YfY`]h`\Ug`dfYj]ci g`m VYYb`dfYdUfYX`cf`gi Va]\hYX`Zcf`Ubch\Yf`UqqYqqa Ybhcf\Wci fgY`UhI\_BGK\_`cf`Ubch\Yf`i b]\Yfq]\m"

7 cffYWhfYZYfYbWb[dfUWhWyg.

• VYHYfa UbU[Ymcifh]a Y



	Hi hcf]U`	Gh XYbh`YX`Hi hcf]U`g
K YY_', .'&' '5df]`'!'&-	Hcd]W	_, . `9Ugh5g]U'g'YbXc[Ybci g'YWcbca ]W]bghh h]cbg
5dfj`	@YWhifY	HfUX]njcbU``7 \ ]bU'UbX'9i fcdY']b'Wca dUf]gcb
	Hi hcf]U`	Gh XYbh`YX`Hi hcf]U`g
K YY_''' \$'5df]`'!'*'A Um	Hcd]W	'9 Ugh'5 g]U'g'A cXYfb]gUh]cb
	@YWhifY	H\Y'5g]Ub' =a dUWficZh\Y'AY]1j'FYZcfag
	Hi hcf]U`	Gh XYbh`YX`Hi hcf]U`g
K YY_"%\$."+"A Umi!"%	Hcd]W	. %. '9Ugh'5g]U'UbX'; `cVU`]gUh]cb
A Um	@YWhifY	9Ugh:5g]U'g:FY]bhY[fUh]cb:]b:h\Y:; `cVU`%

# FYgci fWyg

DfYgWf]VYX`F Ygci fWYg`

 $f\%2.5F\ HG\&\&\%7ci\ fgY`F\ YUXYf\#Gh\ Xm?\ ]h/5j\ U]`UV`Y`Uhil\ BGK\ `6cc\_g\cd$