

# ARTS3458

7 \]bYgY`7 UdghcbY.`FY!J]g]cb]b[`7 \]bU`UbX`7 \]bYgY Ghi X]Yg

## 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

## `GHJZZ`7cbHJWh`8YHJ]`g`

#### '7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
K U∖'; i Ub'@]a	k [`]a 4 i bgk "YXi "Ui		A 6 <sup>°</sup> &()	-',)`% *%

#### GWX.cc``7cbHJWhi=bZcfaUhjcb

GWkcc``cZ<iaUb]h]Yg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW.cc``C ZJWYžA cfj Yb`6fck b`6i ]`X]b[ ž@Yj Y``&ž&),

CdYb]b[ '<ci fg. A cbXUm! : f]XUmž - Ua '!') da

D\cbY. Ž\*%&'-',) %\*, %

: UI . 'Ž\*%'&'-' , ) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

## 7cifgY<sup>·</sup>8YHJ]`g

### 7 fYX]hDc]bhg<sup>·\*·</sup>

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

#### GiVYWhi5fYU.7\]bYgY'GhiX]Yg

H\]gʻWci fgYʻYb[U[Ygʻk]h\`\_Ym]XYUgʻUbX`]ggi Ygʻ]bʻ7\]bYgYʻGhi X]Yg"'#iUʻgcʻfY!j ]g]cbgʻUfYUgʻh.Uh\Uj Y VYYbʻWcj YfYX`]bʻch\Yf`Wci fgYgʻ]bʻh\Y`A Uʻcf" H\YgY`]bWi XYʻ7\]bYgYʻUb[i U[Yʻghi X]Ygž`]hYfUhi fYžZ]ʻa ž a YX]Už'hfUbgʻUh]cbžʻUbh\fcdc`c[mUbX`[YbXYf`ghi X]Yg"`Nci `UfY`YbWci fU[YX`hc`fYZYWhi dcbžʻfYj]Yk`UbX i gYʻh\Y`\_bck`YX[Y`UbX``Ub[i U[Y`Wca dYhYbW`UWei ]fYX`Zfca `h\YgY`UfYUgʻcZghi XmUbX`Wcbg]XYf`\ck`mci WUbʻi h]`]gYʻh\Ya `Zcf`mci f`UWUXYa ]Wcf`WUfYYfʻZ hi fYg"`Nci `k]```[U]b`U`a cfY`h\YcfYh]WU``UbX`\]ghcf]WU` dYfgdYWhj Y`cbʻ7\]bU`UbX`7\]bYgY`Ghi X]Yg"`H\Y``YUfb]b[`k]``VY`ZUW]`]HUHX`VmU`fUb[Y`cZUWhj ]h]Yg ]bWi X]b[`]bXYdYbXYbhifYgYUfW\`dfc`YWgžcfU``dfYgYbHUh]cbg`UbX`YggUmk f]h]b["`H\fci [\`h\Y`Wci fgYžmci UfY`hc``YUfb`UbX`fYZYWhcb`h\Y`WcbhYI hgža Yh\cXg`UbX`\]ghcf]Ygʻ]b`k \]W\7`\]bYgY`Ghi X]Yg`Ug`VYYb UddfcUW\YX/hc`[U]b'Ub']bZcfa YX`i bXYfgHUbX]b[`cZh\Y`\_Ym]ggi YgʻUbX`XYVUhYgʻUVci hWcbhYa dcfUfmUbX \]ghcf]WU``7\]bU/hc`fYj]Yk`UbX`i dXUhY`gW\c`Ufg\]d`cb`7\]bYgY`Ghi X]YgʻZfca `Ub`]bZcfa YXžWf]h]WU``UbX ]bhYfX]qW[d`]bUfmdYfqdYWhj Y"

#### 7cifgY@YUfb]b[CiHWcaYg

- %" 5Wei ]fY \_\_bck `YX[ Y ]bXYdYbXYbhmži h]`]g]b[ `Vch df]a UfmUbX gYWcbXUfma UhYf]U`g
- &" 8 Ya cbglfUhY WcbWYdh U``UbX'dfUWjWU``g\_]``g'Zcf'Wf]hjWU``Ybei ]fmUbX'dfcV`Ya 'gc`j ]b[ 'cb']ggi Yg'cZ XYVUhYg
- ' " D`Ub`UbX`Wca d`YhY`U`fYgYUfW\`dfcYWh
- ("5fh]Wi`UhY`gdYWJU`]gYX`\_bck`YX[Y`cZ7\]bU`UbX`UgdYWrg`cZ7\]bYgY`GhiX]Yg

) "

5ggYgga YbhHJg_	K Y][∖h	8iY`8UhY	GhiXYbhi@YUfb]b[ CihWcaYgʻ5ggYggYX
FYgYUfWX <sup>.</sup> 9ggUm	(\$1	&-#%%#&\$%-`%&.\$\$`DA	%ž&ž ž(ž)

#### 5ggYgga Ybh8YfU]`g

5ggYgga Ybh'% A ccX`Y'Dcghg'/ '8]gW gg]cb'@YUXYf

GHJfhXUhY. Bch5dd`]WUV`Y

@Yb[h\.`)\$\$\*kcfXg

8YHJ]`g. K YY\_`mA ccX`Y`Dcghg'/ `Uh`YUghicbY`k YY\_'hc``YUX`X]gW gg]cb"+b!WUgg`ZYXVUW\_"

Gi Va ]gg]cb bchYg.Gi Va ]hcb A ccX`Y`Vm: f]XUmbccb df]cf hc h Y k YY\_cZX]gW gg]cb

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

5ggYgga Ybh& DfYgYbHJh]cb

GHUfh XUHY.

8YHJ]`g. %) !a ]bi HY`dfYgYbHJHjcbž') !a ]bi HY`X]gW gg]cb`YUW\"=b!WUgg`ZYYXVUW\_"

5ggYgga Ybh' . Dfc YWh8YgWf]dh]cb #9ggUmDfcdcgU`

**GhUfhXUhY**. Bch5dd`]WUV`Y

8YHJ]`g. `6]V`]c[fUd\mfYgYUfW.'/ `dfcdcgU``cZZ]bU``YggUm"=b!WUgg`ZYYXVUW\_"

Gi Va ]gg]cb`bchYg.<UfX`Wcdmirc`VY`gi Va ]hhYX`]b`WUgg

5ggYgga Ybh(. FYgYUfW 9ggUm

GhUfhXUhY.Bch5dd`]WUV`Y

@Yb[h\.")\$\$"kcfXg

8YHJ]`g. '' ) \$\$!k cfX`YggUm': UWY!hc!ZUWY`a YYHjb[`k]h\`]bgHi Whcf`cb`mi dcb`fYei YghicZghi XYbH'

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]hmifYdcfhg"

#### 5 HhybXUbWY FYei]fYa Ybhg

5HYbXUbWY`cZGYa]bUfg`]g`aUbXUhcfm`]b`h\]g`WcifgY"`IbYIWigYX`UVgYbWY`Zfca`acfY`h\Ub`%\$i`cZ GYa]bUfg`k]```fYgi`h`]b`h\Y`UkUfX`U`ZU]``[fUXY"`=b`GYa]bUfg`mci`k]```UWfjY`mYb[U[Y`k]h\`WcfY`VcifgY WcbhYbhžYbUV`]b[`mci`hc`UhtU]b.`

- %" 5Wei ]fY \_bck `YX[Y]bXYdYbXYbhmži hj`]g]b[ `Vch\ df]a UfmUbX gYWcbXUfma UhYf]U`g
- &" 8Ya cbglfUlY WcbW/dhi U``UbX`dfUW/jWU``g\_]``gʻZcf`Wf]hjWU``Ybei ]fmUbX`dfcV`Ya `gc`j ]b[ `cb`]ggi YgʻcZ XYVUhYg
- ' "D`Ub`UbX`Wcad`YhY`U`fYgYUfW\`dfc'YWh
- ("5fh]W`UhY`gdYW]U`]gYX`\_bck`YX[Y`cZ7\]bU`UbX`UgdYWfg`cZ7\]bYgY`GhiX]Yg
- ) "9b[U[Y`]b`fYUgcbYX`UbX`cdYb!a ]bXYX`X]gW gg]cb`UbX`XYVUhY

## 7 ci fgY GWX YXi `Y

#### <u>J]Yk WUgg Ha YHJY </u>

#### H]a YHJV`Y'

8 UHY	HmdY	7 c bhYbh
K YY_`%`%*`GYdHYa VYf'! &\$`GYdHYa VYf	GYa ]bUf	=bhfcXiWhjcb.K \Uhi]gʻh\Yʻ7 \]bYgYʻ7 UdghcbY K \Uhi]gʻh\]gʻ7 UdghcbYʻWcifgYʻU```UVcihB'K \Uhi]g fYei]fYXʻcZmci3 K \UhUfYʻh\YʻA UʻcfʻH\Ya Ygʻ]b 7 \]bYgYʻGhiX]Ygʻh\UhUfYʻcZ]bhYfYghhcʻmci3ʻK Yʻk]`` X]gWiggʻh\YʻcVʻYWhjjYgʻUbXʻghfiWhifYʻcZh\YʻWcifgYž \ckʻhcʻbY[ch]UhYʻUbXʻXYg][bʻUʻgi]hUVʻYʻfYgYUfWk

 K_YY_``%%`Bcj Ya VYf`! %) `Bcj Ya VYf	GYa ]bUf	K f]h]b[ 'k cf_g\cd	
 K_YY_'%\$.`%_`Bcj Ya VYf'! &&`Bcj Ya VYf	GYa ]bUf	DfcYWidfYgYbHJhjcbg`UbX`X]gWigg]cb	
 K YY_'%%`&) `Bcj Ya VYf`! &- `Bcj Ya VYf	GYa ]bUf	DP°cr^ó∧ljiefrógt/bþ⊍lijæbsjiebixitkjag\tviggnjnbs and dis	cussi

## FYgci fWg

## DfYgWf]VYX F Ygci fWyg

FYei ]fYX'UbX'fYWca a YbXYX'fYUX]b[g'cb'A ccX'Y

## FYWca a YbXYX FYgci fWYg

• FYZYfYbWjb['gmghYag

<u>\htd.#k k k "`Wi bgk "YXi "Ui #cb`]V#YZ'\ha`</u>

• GiddcfhZcffYZYfYbW]b['Ugg][baYbhg

<u>\hhdg.##ghi XYbh'i bgk "YXi "Ui #fYZYfYbW]b[</u>

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

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

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

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

=Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba YbhN fci [ \ 'Hi fb]hjbž'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'fl \*) 'XUmg'U'mYUfŁ'" =Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZUi `hk ]h\ 'Hi fb]hjb'mci 'a Um'Udd`mZcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU``Gi ddcfhfU`cb[ 'k ]h`Ubm'ch\Yf'fY`Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWi'hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb''`=Zmci 'Ya U]``9I hYfbU``Gi ddcfhimci 'k ]``

#### 5WUXYa ]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"`=hWUb`hU\_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fWY`k]h\ci hUW\_bck `YX[Ya Ybh'

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

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a ]`Uf`k cfXg`hc`h,Y`cf][]bU``hYI h`cf`]XYU`k ]h\ci hUW\_bck `YX[]b[`h\Y gci fWF`cf`i g]b[`ei chUh]cb`a Uf\_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[YgžUfhUbX`XYg][b`dfc´YWfgž'Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf\*g`]XYUg`cf`k cfXg`k ]h\ci hWfYX]h"

=bUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`k cfXg`UbX`d\fUgYg`k \]`Y`a cghmfYhU]b]b[`h\Y`cf][]bU` ghfi Whi 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 ]h ch Yfg Vi hdUgg]b[ cZth 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\_'hc Ubch Yf gh XYbhVYZcfY h Y Xi Y XUhYžcf Zcf'h Y di fdcgY cZh Ya

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][ \lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj ]ci f YI dYWYX cZYj YfmcbY ]b h Y I BGK Wca a i b]m
- `cWUHY'gYfj ]WYg'UbX']bZcfa UHjcb'UVci hI BGK 'UbX'I BGK '@VfUfm

Gca YicZh\YgYiUfYUgik]``VYiZJa]`]Ufihcimci žich\Yfgik]``VYibYk"'; U]b]b[`Uigc`]Xii bXYfgHUbX]b[`cZU```h\Y fY`UhYXiUgdYWfgicZ9@=G9ik]``\Y`dimci ia U\_Yih\Yia cghicZmci fighi X]YgiUhil BGK"' <u>\hhd.#qi VYWfii]XYg"`]VfUfm"i bgk"YXi"Ui #Y`]qY#UVci hY`]qY</u>

## 5WUXYa]W=bZcfaUh]cb

: cf<sup>\*</sup>YgYbhJU<sup>\*</sup>gh XYbhJbZcfa UhJcb<sup>\*</sup>fY<sup>\*</sup>UhJb[<sup>\*</sup>hc.

fYei YghgʻZcfʻYl hYbg]cb/ `UhYʻgi Va ]gg]cbgʻ[ i ]XY`]bYg/ fYj ]YkʻcZa Uf\_g/ I BGKʻ< YUʻh\ʻUbXʻGUZYhmdc`]WJYg/

