# ARTS1660

=bhfcXi Wlcfm? cfYUb ´5

HYfa ´Hk c ´´##´&$&%

7ci fgY˙8YhJ]`g

7fYX]h˙Dc]bhg˙*˙

Gi a a UfmˊcZh\Y˙7ci fgY

# 5ggYgga Ybh

## 5ggYgga Ybh HUg_g

| 5ggYgga Ybh HUg_ | K Y][ \h | 8i Y 8UhY | Gh XYbh @Ufb]b[ Ci hWca Yg 5ggYggYX |
|---|---|---|---|
| A ]X!HYfa HYgh | ' $ı | ɔ K YY_) | %ž&ž( |
| DfYgYbhUh]cb | &)ı | : f]XUmž K YY_%$ | %ž' ž) |
| : ]bU `9I Ua | ()ı | : cfa U `9I Ua DYf]cX | &ž(ž) |

## 5ggYgga Ybh 8YhU]`g

5ggYgga Ybh % A ]X!HYfa HYgh

GhUfhXUhY. Bch 5dd`]WUV`Y

@Yb[h\. &`\ci fg

8YhU]`g.

H\Y A ]X!HYfa HYgh fi bg Zcf hk c `\ci fg UbX Wcbg]ghg cZ ei Ygh]cbg cb dfcu bW]Uh]cbž jcWUVi `UfmUbX [fUa a Uh]WU `dUhhYfbg Ug k Y``Ug Wca dfY\Ybg]cb ei Ygh]cbg hc hYghk \Uh\Ug VYYb `YUfbhh\i g ZUf".

: YYXVUW_ k ]``VY [ ]jYb ]bX]j]Xi U`m hYghg\YYhg k ]``VY fYhi fbYX hc mci k ]h\ a Uf_g UbX Wca a Ybhg"

Hi fb]h]b g YHh]b[ . H\]g ]g bch U Hi fb]h]b Ugg][ ba Ybh

5ggYgga Ybh & DfYgYbhUh]cb

GhUfhXUhY. Bch 5dd`]WUV`Y
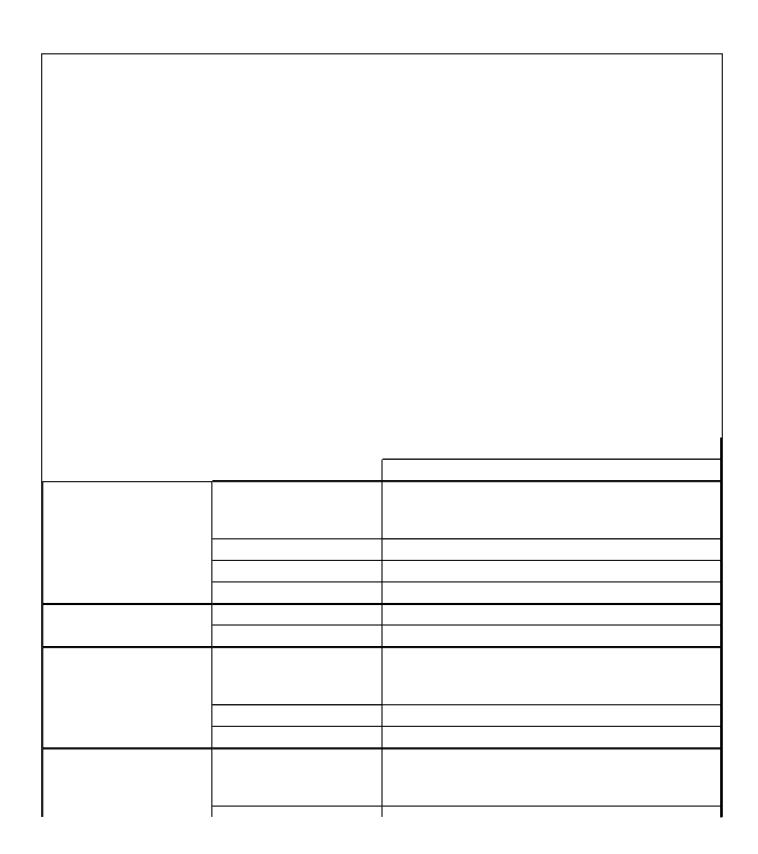
@Yb[h\. Hc VY Z]bU ]gYX h\fci [ \ WUgg X]gWi gg]cb

8YhU]`g.

9I dfYgg]b[ mci fgY`Z ]b gdYYW\ cf WcbjYfgUh]cb ]b ?cfYUb VUgYX cb h\Y gW`]dh dfYdUfYX. H\Y dfYgYbhUh]cb k ]``VY Z]a YX UbX gi Va ]hYX YYW\fcb]WU`m H\Y hcd]Wgž k \]W\ g\ci X VY fY`YjUbhhc h\Y 7ci fgYžh\Y a cXYž k \Yh\Yf gdYYW\ cf WcbjYfgUh]cbžUbX fi bb]b[ h]a YcZh\Y j]XYcžk \]W\ g\ci X bchVYa cfY h\Ub ) a ]bi hYg ]b WUgg cZgdYYW\ UbX %$ a ]bi hYg ]b WUgg cZWcbjYfgUh]cbžUfY hc VY Z]bU ]gYX h\fci [ \ WUgg X]gWi gg]cb"

ɔX]j]Xi U`ZYYXVUW_ /a Uf_g UbX Wca a Ybhg k ]``VY Ma U]YX hc mci "

Hi fb]h]b g YHh]b[ . H\]g ]g bch U Hi fb]h]b Ugg][ ba Ybh

5ggYgga Ybh ' . : ]bU `9I Ua

| | | |
|---|---|---|
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h+`Wcbh]bi YX" |
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h, " |
| K YY_`-.`&*`>i `m!`'`$`>i `m | @YWhi fY | HU`_]b[ `UVci h`Zi hi fY`d`Ubg"`9l dfYgg]b[ `k Ubhgž ]bWUdUV]`]hm UbX`WcbhfUghg"`I g]b[ `XYgWf]dh]cb`j YfVg"`I b]h-`7 cbj YfgUh]cb |
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h, `Wcbh]bi YX" |
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h-" |
| K YY_`%$.`&`5i [ i gh!`* 5i [ i gh | @YWhi fY | I g]b[ `?cfYUb`J YfVg`f1`Ł `h\Y`Dc`]hY`: cfa U`GhmY" 9l dfYgg]b[ `k \YfY`k Y`UfY`Zfca "`I b]h%$ 7 cbj YfgUh]cb |
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h-`Wcbh]bi YX" |
| | Hi hcf]U` | DfUWh]WY`k cfXg`UbX`dUhYfbg`]b`I b]h%$" |
| | 5ggYgga Ybh | DfYgYbhUh]cb`Xi Y" |

g

F Ygci fVVg

G\]bž; UbX 5 6i nc k ]h\ > MJb[ UbX 7 ? ]a " f&$&$Ł" =adVS` [ 3Uf[a` , 4aa] #" K YV
"

ca =adVS` [ 3Uf[a` , 4aa] # K YV 9X]hcb UbX h\Y gci bX Z]Yg UfY Uj U]`UV`YžZ`YY cZVVXUf[ Yž
Ybhg ]b 5F HG%**$ j ]U A ccX Y"

h\Ya [c hc h\Y ff\YI h\Vcc_ a UhYf]U`gfiŽc`XYf`cb mci f A ccX Y dU[ Y UbX W]W_ YUVX cZh\Y Z]`Yg"
dUfhg cZh\Y HYI h\Vcc_ 9I d UbUh]cbg UbX K cf_Vcc_ž YUVX cZk \]VX Wcbg]ghg cZ%$ I b]hg
YbYX UbX df]bhYX Vm 5WfcVUh FYUXYf" H\YmUfY ]DUXg UbX 5bXfc]X HUV Yhg Z7]YbX m`
[ Gci bX Z]Yg UfY Zcf h\Y 9I d UbUh]cbg dUfhcb mžcf[ Ub]gYX ]bhc %$ ddh ]Z]Ygžk \]VX WUb VY
G Dck YfDc]bh

W\YX hc df]bh cuh mci f ck b Wcdm cZh\Y HYI h\Vcc_ UbX hc i gY h\Y gci bX Z]Yg Zcf`]gHYb]b[ UbX
dfUWj VVY Zcf U`a ]b]a i a cZhk c \ci fg dYf k YY_"

h Uh h\Y UfY U``Wcdmf][ h\YX a UhYf]U`g" 8c` bch X]ghf]Vu hY Ubmc Zh\Y a k ]h\ cu h8f; ]
k f]hhYb WcbgYbh"

XYX F Ygci fVVg

>UY >i b[ Gcb[ " f&$$) Ł" FZW =adVS` >S` YgSYW E fdgUfgdW G eWS` V 5a` fVV]fž@cbXcb.
K[ Y"
Y Cb! ]bY GY cb[ ? cfYUb Vm ? ]b[ GY cb[ +bgh]h hYžGYci `ž? cfYU"

# Gi Va ]gg]cb cZ 5ggYgga Ybh HUg_g

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

=Zmci `YbWci bhYf`U`dfcV`Ya`k\Yb`UhhYa dh]b[`hc`gi Va ]h`mci f`Ugg][ba Ybh`h\fci [\`Hi fb]h]b bž`d`YUgY `\Y`d\cbY`9lhYfbU``Gi ddcfh`cb`-',)''''%cf`Ya U]`h`Ya cb`Yl hYfbU`hY hgi ddcfh4 i bgk "YXi "Ui "`Gi ddcfh

# 5WUXYa ]W<cbYghmUbX D`U[]Ufga

D`U[]Ufga ]gïi g]b[ h\Y k cfXg cf ]XYUg cZ ch\Yfg UbX dfYgYbh]b[ h\Ya Ug mci f ck b"‡\WUb hU_Ya Ubm Zcfa gž Zca XY]VYfUhY WXYUh]b[ hc UWW]XYbhU`mWcdm]b[ Zca U gci fWY k ]h\ci hUW_bck `YX[YaYbh"

I BGK [ fci dg d`U[]Ufga ]bhc h\Y Zc``ck ]b[ WUhY[cf]Yg.

- i bXYfghUbX mci f`f][ \hg UbX fYgdcbg]V]`]hYg Ug U ghiXYbh UhI BGK
-

# 5WUXYa ]W≠bZcfa Uh]cb

: cfYggYbh]U`gh XYbh]bZcfa Uh]cb fY`Uh]b[ hc.

- fYei Yghg Zcf YlhYbg]cb/
- `UhY gi Va ]gg]cbg [ i]XY`]bYg/
- fYj]Yk cZ a Uf_g/
- I BGK  < YU`h UbX GUZ hm dc`]W]Yg/
- Yl Ua ]bUh]cb dfcWYXi fYg/
- gdYW]U` Wcbg]XYfUh]cb ]b h Y Yj Ybh cZ ]`bYgg cf a ]gUXj Ybh ifY/
- ghi XYbh Yei ]mUbX X]gUV]`]m/
- UbX ch Yf YggYbh]U` UWUXYa ]W ]bZcfa Uh]cbžgYY