



# ARTS2094

J ]gi U`7 ca a i b]WU]cb

GYa YghYf`Hk c`##`&\$%



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

7 ci fgY`Cj Yfj ]Yk

`GHUZZ`7 cbhUW`i8YHU]`g`

`7 cbj Ybcfg`

B Ua Y	9a U]	5j U]UV] ]m	@cW]h]cb	D\cbY
@ci ]gY`F Uj Y`]	""fUj Y`"]4 i bgk "YXi "Ui	A cbXUm' !( 'k ]`VY a m]f]cd`]b]f]h]a Y/bc Uddc]b]h]a Ybh bYXYX": cf Uddc]b]h]a Ybh]U c]h]Yf`h]a Yg]z`d`YUgY Ya U]`a Y"	K YVghYfz' %%B	- ' , ) `&( &\$

`Hi hcfj`

B Ua Y	9a U]	5j U]UV] ]m	@cW]h]cb	D\cbY
>cg\i U`<Ub	^cg\i U`\Ub%4 i bgk "YXi "Ui	6mYa U]	B #5	B #5

GWXcc`7 cbhUW`i`bZcfa Uh]cb

F cca " %&Z`Yj Y`" `F cVYf]h]K YVghYf`6i ]X]b[

D\cbY.`f\$&L`-' , ) `( , ) \*

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

K YVg]h]Y. [\h\]d\]g.#gUa "Uf\]g"i bgk "YXi "Ui](#)

H\Y`GWXcc`cZ]h]Y`5f]g`UbX`A YX]U`k ci `X`\_]Y`h`c`F YgdYW]Z`m5W]bck`YX[ Y`h]Y`HfUX]h]cbU`7 i g]r]X]Ubg]z`  
h]Y`6YXY[ U`f]P`Ybg]b[ h]cb`W]a di g]L]z` ; UX][ U`f]P`]m]UbX`5f]h] / `8Yg][ b`7 Ua di g]Yg]L`UbX`h]Y`B [ i bbUk U`  
d]Ycd`Y`f]5i g]h]U]U]b`8Y]Z]b]W` : cfW`5W]UX]Ya m]b`7 UbVYffU]L`cZ]h]Y`UbX]g`k \Yf]Y`YUW] W]a di g`c]Z] B]G]K `]g`  
`c]W]h]Y`X"

5 h]Y`bXUbW`F`Yei ]fYa Yb]g

5`gh] XYbh]g]Y] d]YW]X`h]c`U]h]Y`bX`U`W]Ugg`W`c]b]h]UW`i`ci fg`Zcf`U`Z]W]!h]c]Z]W]`f]l`&`L`cf`V`Y`b`X`Y`X`W`c]i fgY`UbX`  
W`c]a d`Y`h`U`U`W]U]j` ]h]Y]g`Zcf`U`V`Y`b`X`Y`X`cf`Z`m]cb`]b]Y`W`c]i fgY"

5`gh] XYbh]k` \c`Uff]j`Yg`a`cfY`h]Ub`%)`a`]bi`h]g`U]h]`a`Um]V]Y`d]Y]b]U`]g]Y]X`Zcf`bcb!U]h]Y`bXUbW`"Zgi`W]`U`d]Y]b]U`m`  
]g`]a`d]cg]Y]X]Z`h]Y`gh] XYbh]a`i`gh]V]Y`]b]Zcf]a`Y]X`j`Y]f]V]U`m]U]h]h]Y`Y]b`X`c]Z]W]Ugg`UbX`U]X]j`]g]Y]X`]b`k`f]h]b[ `k`]h]b`&(`  
` \ci fg"

Z]U`gh] XYbh]Y] d]Y]f]Y]b]W]g`]b]Y]gg]z`a`]g]U]X]j`Y]bh]f]Y`cf`c]h]Y]f`c]W]W`ff]Y]b]W]`h]U]h]a`U`\_Y]g`U]V]g]Y]b]W]`Zcf]a`U`  
W]Ugg`#U]W]j` ]m]i`b]U]j`c]U]V]Y]Zcf`Y] d]Y]W]g`h]c`V]Y`U]V]g]Y]bh]Zcf]a`%b]Zcf]h]W`c]a`]b[ `W]Ugg`#U]W]j` ]m]z`h]Y]m]g` \ci`X`g]Y]Y`  
d]Y]fa`]gg]cb`Zcf]a`h]Y`7`ci`fgY`5`i`h]cf]m]z`UbX`k` \Y]f]Y`Udd`]W`Y] d]Y]Z]Y`\$` \$` bh] ` \cf`

[ fUbh]b[ 'cZUVgYbW' a i ghVY'gUhgZ]YX'U'ghi XYbhk ]''gh''VY'UV'Y'rc'a YYh'kY'W'e i fgY'g''YUfb]b[ 'ci hW'a Yg UbX'#cf'j c'i a Y'cZ'YUfb]b[ " '5' ghi XYbhgYY\_]b[ 'Uddfcj U'rc'VY'UVgYbhiZcf'a cfY'h\Ub'cbY'a cbh'a i ghUdd'm ]b'k f]h]b[ 'rc'h\Y'8YUb'UbX'dfcj ]XY'U''cf] [ ]bU'cf'W'fh]Z]YX'gi ddcf]b[ 'XcW'a YbU]cb"

: cf'a cfY' ]bZcfa Uh]cb'UVci h'h\Y'U'hY'bxUbW'W'dfcrcW'e'g ]b'h\Y': UW' 'hmicZ5fng'UbX'GcW]U' GWYbWg. \hfdg.## k k "Ufng"i bkg "YXi "Ui #W ffYbhghi XYbng#UW]XYa ]W]bZcfa Uh]cb#dfcrcW'e'g! [ i ]XY' ]bYg#

## 5 W]XYa ]W]bZcfa Uh]cb'

: cf'YggYbh]U'ghi XYbh]bZcfa Uh]cb'fY'Uh]b[ 'rc. fYei Ygrg'Zcf'Yi h'bg]cb/fYj ]Yk'icZa Uf\_g/cW]W dUh]cbU''\YU'h UbX'gUZ'hm/YI Ua ]bUh]cb'dfcW'Xi fYg/gdYW]U'W'ebg]XYfUh]cb' ]b'h\Y'Yj Ybhcz]'bYgg'cf'a ]gUXj Ybh fY/ ghi XYbhYei ]mUbX'X]gUV]' ]m'UbX'ch'Yf'YggYbh]U' UW]XYa ]W]bZcfa Uh]cbž gYY' \hfdg.## k k "Ufng"i bkg "YXi "Ui #W ffYbhghi XYbng#UW]XYa ]W]bZcfa Uh]cb#dfcrcW'e'g! [ i ]XY' ]bYg#

7 ci fgY'8YHJ`g

7 fYX]hDc]bHg`\*`

Gi a a UfmicZ`h`Y'7 ci fgY

Gi V`Y`W`h`5`f`Y`U`.'`?` W`W`[S`i`5`g`f`g`d`W`S``V`F`W`U`Z``a`h`a`Y`k`

J ]gi U`W`c`a` a` i` b]W]h]c]b`]b`W`c`b`h`Y`a` d`c`f`U`f`m`a` Y`X`]U`h`m`d`]W`U`m`W`c`a` V`]b`Y`g`U`f`U`b`[`Y`c`Z`f`Y`g`c`i` f`W`g`!`k`f`]h`Y`b`z`j` ]gi U`z`  
U`i` f`U`z`g`d`U`h`U`"K`Y`X`Y`j`Y`c`d`U`g`Y`h`c`Z`h`Y`W`b`]e`i`Y`g`U`b`X`Z`U`a`Y`k`c`f`\_`g`h`c`U`b`U`m`g`Y`h`Y`g`Y`W`c`a`d`Y`I`h`Y`I`h`g`z`  
Y`g`d`Y`W`U`m`h`Y`f`j` ]gi U`W`c`a`d`c`b`Y`b`h`g`"K`Y`k`j`W`c`b`g`]X`Y`f`U`f`U`b`[`Y`c`Z`]a`U`[`Y`g`U`b`X`h`Y`I`h`g`U`W`f`c`g`g`U`j`U`f`]Y`h`m`c`Z`  
a`Y`X`]U`d`U`h`Z`c`a`g`z`Z`c`a`b`Y`k`g`d`U`d`Y`f`g`z`U`X`j`Y`f`h`g`Y`a`Y`b`h`g`z`a`U`[`U`h`]b`Y`g`z`h`c`k`Y`V`g`]h`Y`g`z`U`b`X`W`h`i`f`U`c`V`Y`W`h`g`"K`Y`  
k`j`X`Y`j`Y`c`d`U`f`[`f`U`a`a`U`f`Z`c`f`U`b`U`m`]b`[`h`Y`g`Y`h`Y`I`h`g`U`b`X`h`Y`f`c`Y`h`Y`m`d`U`m`]b`a`U`\_`b`[`a`Y`U`b`]b`[`z`]b`  
d`f`c`Z`g`g`]c`b`U`z`d`i`V`]W`U`b`X`d`Y`f`g`c`b`U`W`c`b`h`Y`I`h`g`"

5 h`h`Y`W`c`b`W`i`g`]c`b`c`Z`h`]g`W`c`i`fgY`h`Y`g`h`i`X`Y`b`h`k`j`V`Y`U`V`Y`h`c`

%` ]X`Y`b`h`z`m`h`Y`\_`Y`m`d`f`]b`W`]d`Y`g`c`Z`U`g`c`W`U`!`g`Y`a` ]c`h`W`U`d`d`f`c`U`W`X`h`c`h`Y`U`b`U`m`g`]g`c`Z`j` ]gi U`h`Y`I`h`g`  
&"`g`m`g`h`Y`a`U`h`]W`U`m`U`b`U`m`g`Y`U`k` ]X`Y`f`U`b`[`Y`c`Z`W`c`b`h`Y`a`d`c`f`U`f`m`j` ]gi U`h`Y`I`h`g`  
'`"U`f`[`i`Y`Z`c`f`U`b`]b`h`Y`f`d`f`Y`h`U`h`]c`b`c`Z`h`Y`g`Y`h`Y`I`h`g`V`U`g`Y`X`c`b`h`Y`U`b`U`m`g`]g`  
(`"g`]h`i`U`h`Y`U`b`X`W`]h`e`i`Y`h`Y`g`Y`h`Y`I`h`g`]b`f`Y`U`h`]c`b`h`c`g`c`W`U`z`W`h`i`f`U`U`b`X`d`f`c`Z`g`g`]c`b`U`W`c`b`h`Y`I`h`g`"

H`Y`U`W`X`]b`[`G`h`f`U`h`Y`[`]Y`g`

H`h`]g`W`c`i`fgY`h`Y`U`W`X`Y`g`U`W`c`f`Y`g`Y`h`c`Z`U`b`U`m`h`]W`U`g`\_]`g`U`b`X`g`c`Y`I`h`Y`b`X`Y`X`Y`W`h`i`f`Y`]b`d`i`h`]g`U`d`d`f`c`d`f`]U`h`Y`  
7`Y`b`h`f`U`]n`Y`X`Y`W`h`i`f`Y`g`z`]b`W`i`X`]b`[`i`g`Y`c`Z`j`]X`Y`c`W`c`a`d`c`b`Y`b`h`g`U`b`X`f`Y`U`h`Y`X`Y`U`f`b`]b`[`c`V`Y`W`h`g`z`k`j`V`Y`i`g`Y`X`h`c`  
a`U`d`U`b`X`X`Y`a`c`b`g`h`f`U`h`Y`W`b`h`f`U`W`c`b`W`d`h`g`"5`h`h`Y`g`U`a`Y`h`j`a`Y`z`h`Y`U`b`U`m`h`]W`U`h`c`c`g`b`Y`Y`X`h`c`V`Y`U`d`d`]Y`X`h`c`  
U`W`h`U`h`Y`I`h`g`z`U`b`X`Y`I`h`Y`b`X`Y`X`]g`W`g`g`]c`b`]g`b`Y`Y`X`Y`X`h`c`Y`I`d`c`f`Y`W`c`a`d`Y`I`]h`Y`g`z`Y`b`W`W`Z`U`W`!`h`c`!`Z`U`W`h`i`h`c`f`]U`h`j`a`Y`  
]g`Y`g`g`Y`b`h`U`"H`i`h`c`f`]U`g`k`j`V`Y`i`g`Y`X`h`c`d`f`U`W`h`Y`W`h`Y`U`d`d`]W`U`h`]c`b`c`Z`h`Y`g`Y`W`c`b`W`d`h`g`h`c`h`Y`I`h`i`U`U`b`U`m`g`]g`U`b`X`h`c`  
X`Y`j`Y`c`d`g`h`i`X`Y`b`h`g`f`U`V`]h`Y`g`h`c`U`f`[`i`Y`Z`c`f`U`b`]b`h`Y`f`d`f`Y`h`U`h`]c`b`V`U`g`Y`X`c`b`U`b`U`m`g`]g`"

## 5ggYgga Ybh

H\YfY'UfY'hfY'UggYgga YbhUg\_g'hc'Wta d'YH'"Mci' a i ghWta d'YH'UbX'\UbX'jb'U'hfY'Ug\_g'jb'cfXYf hc'dUgg'h'g'Wci'fgY'"H\]g'a YUbg'hUhmci'k'j'ZJ'jZmci'Xc'bc'h\UbX'jb'cbY'Ug\_Yj'Yb'jZmci'\Uj'Y'U'hc'U' [fUXY'cZcj'Yf')'\$Zca'hY'c'hYf'k'c'Ugg][ba'Ybhg"

Mci' a i ghUHYbX'U'a]b]a i a'cZ, \$i'cZWUggYg'fYWH'fYg'UbX'h'hc'f]U'g'hc'VY'fY[UfXYX'Ug'\Uj]b[ 'Z'Z'YX hY'fYei'j]fYa'Ybhg'cZ'hY'Wci'fgY'"5'fc''k'j''VY'U\_Yb'jb'hY''YWH'fY'UbX'h'hc'f]U'hc'fY'W'fX'mci'f'UHYbX'UbVW"

@YWH'fYg'UfY'bc'hfY'W'fXYX'Z'f'h'g'Wci'fgY"

## 5ggYgga YbhUg\_g'

5ggYgga YbhUg_g'	K Y][ \h	8i Y'8UH'	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
Hi hc'f]U'dfYgYbhUj]cbf&\$'	&\$i	Bch5dd']WUVY	B #5
5bU'mg]g'UbX'9ggUmf(\$'	( \$i	&- #/\$#&\$% '\$) . \$\$'DA	B #5
h!WUgg'hYghf(\$'	( \$i	Bch5dd']WUVY	B #5

## 5ggYgga Ybh8YHJ]g

5ggYgga Ybh% 'Hi hc'f]U'dfYgYbhUj]cbf&\$

GHUfhXUH'. Bch5dd']WUVY

@Yb[ h. ')!+ 'a ]bi h'g'Z'g]XYg

8YHJ]g. 'hX]j ]Xi U'dfYgYbhUj]cb'cZ) !+ 'a ]bi h'g"Gh XYbhg'fYW']j'Y'j]b!WUgg'UbX'k'f]hYb'ZYXVUW\_'"

5XX]h]cbU'XYHJ]g.

D'YUgY'gYY'A ccX'Y'Z'f'Z'XYHJ]g"

Hi fb]h]b'gYH]b[ . H\]g'Ugg][ba'Ybh]g'gi'Va ]hYX'h'fci [ \ 'Hi fb]h]b'UbX'gh'XYbhg'Xc'bc'hgYY'Hi fb]h]b'g]a ]Uf]mifYdcf'g"

5ggYgga Ybh& '5bU'mg]g'UbX'9ggUmf(\$

GHUfhXUH'.

@Yb[ h. '&\$\$\$'k'cfXg'f% '\$\$'a ]bž&) '\$\$'a UI Ł

8YHJ]g. '&\$\$\$'k'cfXg'f% '\$\$'a ]bž&) '\$\$'a UI Ł' H\]g'g'hY'Z]bU'UggYgga YbhUg\_g'"K'f]hYb'ZYXVUW\_dfcj ]XYX"

Hi fb]h]b'gYH]b[ . H\]g'Ugg][ba'Ybh]g'gi'Va ]hYX'h'fci [ \ 'Hi fb]h]b'UbX'gh'XYbhg'Xc'bc'hgYY'Hi fb]h]b'g]a ]Uf]mifYdcf'g"

5ggYgga Ybh' . h!WUgg'hYghf(\$



Gi Va ]gg]cb'cZ5ggYgga YbhHUg\_g

Gh XYbng'UFY'YI dYWX'hc'di h'AY]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[ Y'cZ'AY]f'Ugg][ ba Ybng"

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

Zmci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UHYa dh]b[ 'hc'gi Va ]hrci f'Ugg][ ba Ybh'fci [ \ 'Hi fb]h]bzd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) '' '' %cf'Ya U]'h'Ya 'cb'[YI HYfbU'HY'fji ddcfh i bgk "YXi "Ui."](#)Gi ddcfh  
\ci fg'UFY', .\$\$Ua '-'%. \$\$da 'cb'k YY\_XUmg'UbX'-. \$\$Ua '-'). \$\$da 'cb'k YY\_YbXg'f1 \*) 'XUmg'U'mYUfL' Zmci  
UFY'i bUV'Y'hc'gi Va ]hrci f'Ugg][ ba YbhXi Y'hc'U'ZU' 'hk ]h'Hi fb]h]b'mci 'a UmiUdd'm'Zcf'Ub'YI HYbg]cbz'Vi hrci  
a i ghfYh]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]h'Ubmc'h'Yf'f'Yj UbhXcW a Ybng'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhrci f'YI HYbg]cb'Udd'j]W]h]cb" Zmci 'Ya U]'9I HYfbU'Gi ddcfhrci 'k ]`  
Ui 'ca U]W]m'fYW]j Y'U'h]W\_Yhbi a VYfz'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]`b'YX'hc'gdYW]W]m'Ug\_'Zcf'cbY"  
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUH'g'cb'h'AY]f'gmghYa 'ghU'g'cb'Hk ]HYf"

; YbYfU'mz'UggYgga YbhHUg\_g'a i ghVY'gi Va ]HYX'Y'YWfcb]W]m'j ]U'Y]h'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba Ybh' b ]bg'U'V'W'g'k \YfY'h'lg ]g'bchidcgg]V'YZ]hk ]`VY'g'UH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]HY'k ]h  
U'HYfbU]h] Y'gi Va ]gg]cb'XYh]g"

@UH'5ggYgga YbhDYbU'h]Yg

- K cf\_gi Va ]hYX`%\$`hc`%-`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`VY`UggYggYX`UbX`ZYXVUW`dfcj`]YX`Vi`hU`a`Uf`\_`cZnYfc`k`j`VY`fYW`fYX`" `Z`h`Y`k`cf`\_`k`ci`X`U`j`Y`fYW`]j`YX`U`dUgg`a`Uf`\_`Vi`hZ`f`h`Y`U`h`b`Y`gg`UbX`h`Y`k`cf`\_`]g`U`W`a`di`gc`fm`W`i`fg`Y`W`a`dcb`Y`bh`f`i`f`X`Y`f`Y`ei`]f`Y`a`Y`b`h`Z`U`g`h`X`Y`bh`k`]`VY`X`Y`a`Y`X`h`\_`U`j`Y`a`Y`h`h`U`h`f`Y`ei`]f`Y`a`Y`b`h`/`
- K cf\_gi Va ]hYX`&\$`cf`a`cf`Y`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`bch`VY`U`W`W`d`h`X`Z`f`UggYgga`Ybh`UbX`k`j`fYW`]j`Y`bc`ZYXVUW`z`a`Uf`\_`cf`[`f`U`X`Y`" `Z`h`Y`UggYgga`Ybh`U`g`\_`]g`U`W`a`di`gc`fm`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`U`g`h`X`Y`bh`k`]`f`Y`W`]j`Y`Ub`l`bg`U`h`g`Z`U`W`c`fm`: `U`]`f`l` : `E`[`f`U`X`Y`U`g`U`f`Y`gi`h`c`Z`i`bg`U`h`g`Z`U`W`c`fm`d`Y`f`Z`c`fa`Ub`W`\_`]b`Ub`Y`gg`Y`bh`]U`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`"

H\]g`]b`Z`c`fa`U`h`c`b`]g`U`g`c`U`j`U`]`\$ %ofm %o %o %o



5 WUXYa ]W<c bYghmUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga `]g`i g]b[ `hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[ `hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[ `hc`UWV]XYbhU`mW`dm]b[ `Zca `U`gci fW`k ]h`ci hUW\_bck`YX[ Ya Ybh`

I BGK `[ fci dg`d`U[ ]Uf]ga `]bhc`hY`Zc`ck ]b[ `WUHY[ cf]Yg.

7 cdm]b[ .`i g]b[ `hY`gUa Y`cf`j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hYI hcf`]XYU`k ]h`ci hUW\_bck`YX[ ]b[ `hY`  
gci fW`cf`i g]b[ `ei chU]cb`a Uf\_g`"H\]g`U`gc`Udd`]Yg`hc`]a U[ YgZ`UfhUbX`XYg][ b`dfc`YWgZ`Ug`k Y`Ug  
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k cfXg`k ]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[ .`7`Ub[ ]b[ `U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[ `hY`cf][ ]bU`  
ghfi W`i fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`Z`UbX`]bZcfa U]cb`k ]h`ci hUW\_bck`YX[ Ya Ybh`H\]g`U`gc  
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k cfXg`k ]h`ci hWYX]hUbX`hc  
d]YW]b[ `hc[ YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`YZ`k ]h`ci hUddfcdf]UHY`fYZYfYbW]b[ "

7 c`i g]cb. `k cf\_]b[ `k ]h`chYfg`Vi hdUgg]b[ `cZ`hY`k cf\_]Ug`U`dYfgcb`g`]bX]j ]Xi U`k cf\_"`7 c`i g]cb`U`gc

- i bXYfghUbx'mci f'f][ \hg'UbX'fYgdcbg]V] ]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[ ]Uf]ga ž'Wcdmf][ \hžI BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wñ
- VY'Uk UfY'cZñY'ghUbXUfXg'cZVY\Uj ]ci f'YI dYWñX'cZYj Yfmcby`]b'hY'I BGK 'Wca a i b]m
- `cWñH'gYfj ]Wg'UbX' ]bZcfa Uhcb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZñYgY'UfYUg'k ]`VY'ZJa ]]Uf'hc'mci žcñYfg'k ]`VY'byk "; U]b]b[ 'U'gc`X'i bXYfghUbx]b[ 'cZU`ñY fY'UH'X'UgdYWñ'cZ9@G9'k ]`Y'd'mci 'a U\_Y'hY'a cghcZmci f'gh X]Yg'Uhl BGK "

[f\hd.#gi.VYWfi \]XYg" \]VfUfmi bgk "YXi "Ui #`\]gY#UVci h`\]gYŁ](#)

7 ci fgY'GWYXi `Y

[J.Jyk.WUgg.ha.YhUV.Y](#)

H]a YhUV`Y`

8UhY	HmdY	7cbhYbh
K YY_% '&' '>i`m!'&-'>i`m'	@YWh fy	<p>@97HI F 9. 'A C B '&amp;'</p> <p>Ci f'hYI hg. 'k \UhfUb[ Y'cZHYI hg'k ]`k Y`VY Wcbg]XYf]b[ 3</p> <p>Ci f'UddfcUW. 'gcWU`gYa ]ch]Wg`UbX'gmgHYa bYtk cf_g</p> <p>Ci f'hc`g. 'a YUb]b[ g'UbX'a YHUZ bW]cbg/ Ci f'ghUfh]b[ 'dc]bhg. 'XYbchU]cb'UbX`WcbchU]cb"</p> <p>H\Y`YWh fy'g]XYg'k ]`VY`YfY"</p> <p>@YWh fy'g Ufy' bchfyWcfYX'Zcf'h.]g'Wci fgY"</p> <p>F 958-B; .`D@95G9'A 5? 9'GI F 9'MCI F 958 H&lt; 9G9'69: CF 9'H&lt; 9'@97HI F 9</p> <p>fV&amp;? fYgg/ 'J Ub'@Yi k Yb'f&amp;\$\$*E'7\UdhYf`%</p> <p>f&amp;E' @JWnZB]W`"'% - , ;_ SYWS` V DWbdWw fSf[a` , =Vk Ua` UMbfe [ ? W[S E fgV[Ww BYk 'McF_ 'Gh A Ufh]b]g'DfYgg'U` \UdhYf'&amp;'cb`mQ fl E'fC dh]cbU'E'j Ub'@Yi k YbZ'H" &amp;\$\$) ;' fdaVgU[ Y E aU[S^E W_ [af[Ue'@cbXcb. 'F ci hYX[ Y'G\Uj Y i d'cUXYX'dd" +!( &amp;'cb'mcb f7 cbbchU]cbfZ'hci [ \ mci 'k ]`Z]bX'hY'k \c'Y'cZHY'WUdhYf'fY'Yj UbhZcf'Ub i bXYfgtUbX]b[ 'cZgcWU`gYa ]ch]Wg'a cfY'VfcUX'm' 'cc_'Zcf'hY'Vcc_]b'hY'']VfUfmQ</p> <p>HI HCF -5@ 'Bc'hi hcf]U'g'h.]g'k YY_/'hi hcf]U'g'VY[ ]b bYI hk YY_"</p>
K YY_&.' '\$>i`m!') 5i [i gh	@YWh fy	<p>@97HI F 9. "' '\$&gt;i`m'H\Y'`bhc]b]fgt]k]Yb'fl A YHUZ b]h]cb]hY'VcQ</p>



DfYgYbHf&

5`gc. !WUgg`h hcf]U`YI YfW]gY. k f]h]b[ `i d

		<p>F 958-B; .f%? fygg/ 'J Ub'@Yi k Yb'f&amp;\$*\$'7\Ud &amp;</p> <p>f&amp;'fC dh]cbU'EDU]bhYfz7 /A Ufh]bz"&gt;F /UbX I bgk cflz'@/f&amp;\$% E'DWSV[ Y H[egS^@SdSf[hWé, ;_ SYW3` S'ke[e aX5Z[VdW ie B[UfgdW4aa]e' @cbXcbz9ei ]bcl ""'O \UdhYf" 'cb`mQ7\UdhYf" fY`UHg'hc'hY'fYdfYgYbH]cbU'a YHJZ bW]cb"" h [ cYg ]bhc 'Z fH'Yf!'UbX'X]ZYfYbh! XYHJ]`Zca '? fygg UbX'j Ub'@Yi k Yb'z'Vi h]g'k cfl'hY'YZc'fH'Q</p> <p>HI HCF -5@.'6UgYX'cb'K YY_ '*`YWh' fY'UbX fYUX]b[ g</p> <p>DfYgYbHf'f%</p> <p>DfYgYbHf'f&amp;.</p> <p>ⓉfYgYbHf' .Q</p>
<p>K YY_'; .%\$'GYdhYa VYf! %* 'GYdhYa VYf</p>	<p>@YWh' fY</p>	<p>@97HI F9.'% 'GYdhYa VYf'"H\Y'F YdfYgYbH]cbU' A YHJZ bW]cb. 'WcbW'dh' U'dfcW'ggYg</p> <p>F 958-B; .f%? fygg/ 'J Ub'@Yi k Yb'f&amp;\$*\$'7\Ud ,</p> <p>B6.'H\]g']g'U'fYU`mHC I ; &lt; 'WUdhYf""K Y'k ]""ZcW'g cb'hY'VUg]WX]gh]bW]cb'VYtk YYb'bUffUHj' Y'j'g WcbW'dh' U'z'UbX'k ]h.]b' WcbW'dh' U'z'VYtk YYb`mHC I ; &lt; 'WUdh</p>

		<p>Udd`mZcf`GdYWU`7cbg]XYfU]cb`hc`fYg]h`D`YUgY`gYY`G5A`GWXcc``]bZcfa`Uh]cb`cb`UggYgga`Ybh`dfcW`Xi`fYg"</p> <p>D`YUgY`Vf]b[ `D9B#G`hc`hY`YWh`fY`fdUdYf`gi`dd`JYXL`"D`YUgY`VY`cb`h`"YXX`hc`igfUm`Zcf`hY`Xi`fU]cb`cZ`hY`"Ygg`"YcbY`Ya`dmgdUW`VYk`YY`"UbX`hY`bYI`h`"k`YfY`dcgg]V`Y"</p> <p>Mci`a`UmVf]b[ `]b`C`B9`D5`"98E`cZbchYg`hc`hY`YI`Ua`""]W]cbUf`"m`k`]h`df]cf`dYfa`]gg]cb`</p> <p>5Vgc`i`h`mBC`a`cV`"fgcbU`XYj`]W`"Y`i`g]b[ `gi`W`U`XYj`]WZ`"di`fde`"Y`Ub;Ui`hca`Uh]WN9F`C`Zc`h`"Y`</p> <p>BC`HI`HCF`5@G`H&lt;`G`K`99?`:`CF`5FHG&amp;\$`-`(`</p>
<p>K`YY`_%\$.`%C`W`c`VYf`!`+`C`W`c`VYf`</p>	<p>@YWh`fY`</p>	<p>%`C`7`HC`69F`/BC`h`97HI`F`9`HC`85M`</p>

		<p>@hYfUhi fY/ 'J YfVU'5fh' b\Yf]hUbWg'UbX  8Yj Y'cda Ybmg]b'GWcc''9b[ ']g\ 'J c'') %žBc'' &amp;ždd  ' &amp;!( \$</p> <p>fI E'fC dh]cbU'EA UW_Yb!&lt; cfUf]_žA Ufm&amp;\$\$' ''5  hY''b[ 'Gra V]cg]g]b'hAY'8]gVci fgY'cZ&lt; UhfYX.  A i 'hja cXU'BYk g'HYI hg'UVci h'hY''7\]XfYb  Cj YfVcUfX''5ZU]ffi'3gefđS'ſ' DWh[W aX3bb'W  &gt;[ Yg[ef[Ue''* 'f&amp;E' dd%*' ''B6. hAY'j ]gi U'UbU'mg]g  ]b'h]g'dUdYf]g'fY'Uh] Y'mg]a d'Y'Vca dUfYX'rc'hY  a cfY'h'Wb]W'žUa Yk cf_']b'? fYgg'UbX'j Ub  @Yi k Yb'f'h'ci [ \]hXcYg'i gY'gca Y'cZh.UhžVi h]h  dfcj ]Xyg'U'j YfmiYj YU'']b[ 'UbU'mg]g'cZU'Vcblfcj Yfg]U'  Yd]gcXY ]b'5i ghfU'Uf]g'\]g'rc'fm'</p> <p>HI HCF -5@.'6UgYX'cb'K YY_'%%@YWi fY'UbX  FYUX]b[ g</p> <p>DfYgYb'hYf'%  DfYgYb'hYf'&amp;.</p> <p>B6.'DF9G9BH9FG': CF'K 99?'%&amp;'B9LH'K 99? .  MCI F'DF9G9BH5H€B'K @@'69'65G98'CB'H&lt;9  K 99?'%@'97HI F9ž'9'H&lt;9'85M69: CF9  MCI F'DF9G9BH5H€B''GC'MCI 'B998'HC'69  F958M'</p> <p>ⓄfYgYb'hYf' .Q</p>
<p>K YY_'%&amp;.'%) 'C WcVYf!  &amp;%C WcVYf</p>	<p>@YWi fY</p>	<p>@97HI F9.'%) 'C WcVYf' b'hYfd'fYhU]cbž  ZcfY[ fci bX]b[ ž'k f]h]b[ 'i d"  F958-B; . f&amp;E'F Uj Y''ž@''f&amp;\$%+E'fB Uj ][ Uh]b[ 'hY  [ Ud'VYhk YYb'hYI hUbX'VcblhYI h]b'j ]gi U'UbU'mg]g.  ZcfY[ fci bX]b[ 'UbX'']b'hYfgYa ]cg]gfi ]b'8''5'a Y]XU  f9X"€BYk 'DYfgdYW]j Yg'cb'J ]gi U'5bU'mg]g. : fca  HYI h'rc'7cb'hYI hžA YfW]Xc.'6fUn]</p> <p>f&amp;E'F Uj Y''ž@''&amp;\$\$\$'6YmcbX'g\cdd]b[ . Vc'bg'f'i W]b[  h'Y'Gnx'byM'c'ma d]Mg'']b'' !8'hYI h'f'W]f'f&amp;\$'f(€  dd(, -!) %</p> <p>5`gc.'@cc_'cj Yf'hY'a UbmiFYUX]b[ g'ž'fca 'dfYWX]b[  k YY_g'k \]W [ ] Y']b!XYdh'hYI hUbU'mg]gžY[ '? bcl ž  A UW_Yb!&lt; cfUf]_žA VA i ff]YžYfW</p> <p>HI HCF -5@.'6UgYX'cb'K YY_'%&amp;'YWi fY'UbX  FYUX]b[ g</p> <p>DfYgYb'hYf'%  DfYgYb'hYf'&amp;.</p>



		ⓄfYgYbHf' .Q
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## F Ygci fWg

### DfYgWf]VYX`F Ygci fWg`

H\Y`Wci fgY`hY`hVcc\_]g'; "? fYgg`UbX`H"j Ub`@YYi k Yb`f&\$\$\*`L`F YUX]b[ `a U[ Yg.`hY`[ fUa a Uf`cZj ]gi U`XYg][ b`@cbXcb.`F ci hYX[ Y`f&bX`9X]hcbL"

H\]g`]g`hY`gYa ]bU`Vcc\_]b`hY`Z`Y`X`UbX`\Ug`dfcXi`W`X`hY`Z`Ua`Yk`cf`\_`k`\]W`k`Y`i`gY`]b`hY`Wci`fgY`" `h`Ug`]bgd]fYX`a`i`W`Z`f`h`Y`f`Y`g`Y`U`f`W`" `Mci` `W`b`i`g`Y`h`g`Vcc\_]b`df]bhcf`]b`Y`Y`W`f`cb]W`Z`fa`U`h`Vi`h`mci` `a`i`gh`\Uj`Y`U`W`W`gg`h`c`]h`

### F YWca a YbXYX`F Ygci fWg

: i`h`Y`f`f`Y`UX]b[ `k`]`V`Y`"gh`Y`X`cb`A`cc`X`Y`Ub`X`Uj`U]UV`Y`j`]U`h`Y`f`@9;`5`B`H`C`fi`]V`f`U`fm`]b`\_"

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

Mci`f`Z`Y`X`V`U`W`\_`cb`h`Y`Wci`fgY`]g`[`U`h`Y`f`Y`X`d`Y`f`c`X`]W`"m`Z`Y`[ `j`]U`h`Y`a`m`9`I`d`Y`f`]Y`b`W`"gi`fj`Y`m`Ub`X`]b`Z`c`fa`U`"m`]b`W`U`gg`"K`Y`h`U`\_`Y`h`g`Z`Y`X`V`U`W`\_`g`Y`f`]ci`g`m`ik`]h`U`j`]Y`k` `h`c`U`W`h`b[ `cb`]h`W`b`g`f`i`W`h`j`Y`m`ik`\`Y`f`Y`j`Y`f`d`c`gg]V`Y`" `b`h`Y`d`U`gh`h`g`Z`Y`X`V`U`W`\_`\`U`g`V`Y`Y`b`i`g`Y`X`h`c`Z`c`f`]b`g`h`U`b`W`Z`U`X`↑`gh`h`Y`g`Y`ei`Y`b`W`]b[ `Ub`X`W`c`b`h`b`h`c`Z`Y`W`h`f`Y`g`Ub`X`h`Y`b`U`h`f`Y`Ub`X`k`Y`[ \`h`b[ `c`Z`h`Y`U`gg][`ba`Y`b`h`U`g`\_`g`"

⇒ U[ Y`7`f`Y`X`]h

6cX]Yg`/` `b`h`f`Z`U`W`g`&`\$`%`\*`

7F ⇒ CG

7F ⇒ CG`D`f`c`j`]X`Y`f`7`c`X`Y`.`\$`\$`\$`-`,`;`,`