ARTS1450

=þhfcXi Whcfm 7 \]bYgY ´5 ´Zcf ´B cb! 6 UW_[fci bX ´Gh XYbhg

HYfa ´C bY ´ ´## ´&$&%

7ci fgY Cj Yfj]Yk

GhUZZ 7cbhUWh 8YhU]`g

7cbj Ybcfg

BUaY	9aU]	5j U]`UV]`hm	@cWh]cb	D\cbY
5#DfcZ D]b[K Ub[	d"k Ub[4 i bgk "YXi "Ui	VmiUddc]bha Ybh	A 6&' *	-',)' () %

Hihcfg

BUaY	9aU]	5j U]`UV]`hm	@cWh]cb	D\cbY
8f" Mcb[! >i F i Y	m fi Y 4 i bgk "YXi "Ui		A 6&*,	-',) $) %
8f" M]b[Gi b	m]b[gi b 4 i bgk "YXi "Ui		A 6&))	-',) &*($

GWcc` 7cbhUWh]bZcfa Uh]cb

GWcc` cZ < i a Ub]h]Yg UbX @Ub[i U[Yg

@cWh]cb. GWcc` cZ ZWŽ A cfj Yb 6fck b 6i ]`X]b[ž @Yj Y` &ž &),

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

D\cbY. Ž*%&-',) %*, %

: Ul . Ž*%&-',) ', +\$)

9aU]`. [\U`4 i bgk "YXi "Ui

7ci fgY 8YHU]`g

7fYX]h Dc]bhg ˙*˙

Gi a a Ufm cZ h\Y 7ci fgY

H\]g]g Ub]bhfcXi Whcfm Wci fgY]b Acdfb GhUbXUfX 7\]bYgY Ub[i U[Y fA UbXUf]b žŁ žcf bcb!VUW_[fci bX gdYU_Yfg" H\Y Wci fgY k]` ghUfh k]h\ VUg WWa dcbYbhg cZ 7\]bYgY Ub[i U[Y ˙h\Y b[i k ˙ žUbX WXUfUWh Yfg"
‡k]` ˙h YUW\ ˙mci ˙\ck ˙h\Y 7\]bYgY Ub[ i U[ Y k cf_g Vch\ ˙[ fUa a Uh]WU`m UbX]b gcWW]c!W ˙h ˙i fU` ˙WcbhYl hg ˙gc h\Uh mci ˙ghUfh hc XYj ˙cd ˙mci f ˙]b[ i gh]W UbX ˙Wca a i b]WUh]j Y ˙Wca dYhbYVg" H\Y ˙Zci f ˙Ub[ i U[ Y ˙g_]˙`g ! @]ghYb]b[˙žGdYU_]b[˙žF YUX]b[˙žUbX ˙k f]h]b[! UfY]bhY[fUhYX ˙h fci [\ci h h\Y ˙Wci fgY" 5 ˙W ˙h fU˙Uk UfYbYgg]g ˙U ˙gc ˙Vi]˙h]bhc ˙h\Y ˙Wci fgY" H\fci [\ ˙Ub[i U[Y ˙ghi Xm mci ˙k]˙˙XYj ˙cd ˙]b[Zcfa YX ˙i bXYfghUbX]b[˙cZ 7\]bYgY ˙]b[i gh]WWY\Uj]ci fž gcWWYhmUbX W ˙h i fY"

H\]g Wci fgY]g U VY[ ]bbYfg! Yj Y˙``Ub[ i U[ Y Wci fgY" 5 ``ghi XYbhg k ˙ c ˙Uj Y ˙\UX ˙gca Y ˙Yl dYf]YbWY ˙k]h\ ˙h\Y ˙Ub[i UžŽŁh YUf Ug U \Yf]hU[Y Ub[i U[Y ˙cf ˙h\ci [\ ˙dfYj]ci g ˙bghfi Wh]cbž a i gh ˙Ł˙b h\Y ˙d ˙UWˁa Ybh ei Ygh]cbbU]fY ˙Uj U]`UV ˙Uh\ˁhdg.##ˁAˁU˙¨Ufhg˙"i bgk "YXi "Ui #ghi XYbhg#Wci fgYg#]b[ i U[ Y!d UWˁa Ybh" Mci ˙k ]˙ bch VY dfa ]hhYX ˙hc ˙Ybfc˙`]b U ˙Ub[i U[Y ˙Wci fgY ˙h\Uh]g hcc ˙YUgmŽcf mci "̄žh\]g ˙cWW˙fgžmci ˙k]˙`VY fYei YghYX ˙hc ˙VˁUb[Y ˙mci f ˙Ybfc˙a Ybh"

7ci fgY @YUfb]b[˙Ci hWca Yg

%" F YWc[b]gYždfcbci bWY˙`UbX ˙k f]hY ˙d]bm]b ˙UbX ˙WXUfUWh Yfg Uh]bhfcXi Whcfm ˙Yj Y˙`
&" I gY Žˁˁg_]˙`g cZ 7\]bYgY ˙Ub[ i U[ Y ˙fl]ghYb]b[ ˙žfYUX]b[ ˙žgdYU_]b[ ˙UbX k f]h]b[ ˁˁUh ]bhfcXi Whcfm ˙Yj Y˙` k]h\ ]b ˙hcd]Wg fYˁUhYX ˙hc ˙Yj YfmXUm ˙fUW]WU˙`WU˙ˁg]hi Uh]cbg
'˙" ˙Ž˙XYbh]ZmˁˁU ˙VUg]W WWf]h]WU˙`i bXYfghUbX]b[ ˙cZ UgdYWhg cZ 7\]bYgY ˙Ub[ i gh]W VYˁˁU\Uj ]ci fžgcWWˁYhmUbX W˙`h i fY"

HYUW\]b[˙GhfUh Y[ ]Yg ˙

@Ub[i U[Y]g VYghhUˁˁi]fYX ˙h\fci [\ ˙U ˙\c ˙]gh]W UbX ˙]bhYfUWh]j Y ˙Ug \]cbž gc ˙U˙`Zci f Ub[ i U[ Y g_]˙`g ! ˙ghYb]b[˙žgdYU_]b[˙žfYUX]b[˙žUbX ˙k f]h]b[! ˙Ug k Y˙`Ug U ˙W˙`h i fU˙`Wca dcbYbhUfY ]bhY[ fUhYX ˙h\fci [ \ci h h\]g Wci fgY" H\Y ˙Ya d\Ug]g ]g cb ˙h\Y hfUbgˁcfa Uh]cb cZ ]b[ i gh]Wg_]˙`g]bhc ˙UWh]j Y ˙Wca a i b]WUh]cb" GdYW]ﬁW]bghfi Wh]cbg UbX ˙dfUWh]WYg dfcj]XY ˙ghi XYbhg ˙h\Y ˙YUf`m cj Yb]bhc ˙h\Y ˙YUfb]b[ ˙UWh]j ]h]Ygž U˙`[bYX ˙k]h\ ˙h\Y ˙UggYgga Ybhgž hU_]b[ ]bhc UWWWci bh ˙h\Uh\]g ˙Wci fgY]g Žcf bcb!VUW_[fci bX VY[ ]bbYfg" Hc UWˁ]j Y ˙h\Y XYg]fYX ˙YﬂYWˁžYﬂcfh ˙UbX ˙WUfYﬁˁ`dˁUbb]b[ ˙\Uj Y ˙VYYb a UXY ˙hc ˙U˙`[b ˙ci f ˙hYUWˁ]b[˙ghfUhY[ ]Ygž a YˁˁcXg ˙UbX ˙ghfi Whi fY ˙k]˙ˁh\ ˙h\Y ˙U]a g ˙UbX ˙YUfb]b[˙ci hWca Yg cZ h\Y ˙Wci fgY" H\Y ˙Yˁˁh YfˁgYfj Yg Ug Ub cj YfU˙`]bhfcXi Wh]cb hc Vch\ ˙Ub[ i U[ Y ˙UbX ˙h\ ˙fU˙UgdYWhgžfY˙Uj Ubh ˙hc ˙YUWˁˁUXUhYfˁ" H\Y ˙h hcfˁU˙`g ˙Zcˁ ˙ki g cb ˙h\Y ˙]bhY[fUhYX ˙Ub[i U[Y g_]˙`g ˙h\fci [\ ˙U ˙j Uf]Yhm cZ Yl YfˁgYg" 5 ˙h\Y ˙UggYgga Ybhgž]bWˁ X]b[˙WˁˁUgg UWˁj]h]Yg UbX ˙[fci d ˙bhYfUWˁj Y dfc˙YWˁžUfY gYhhc Yb[U[Y ghi XYbhg]b UWˁj Y ˙YUfb]b[˙UbX ˙YﬁˁYWˁj Y Wca a i b]WUh]cb" 5 a i ˙h]! a YX]U ˙UddfcUWˁ ˙UbX ˙cb!]bY ˙UggYgga Ybhg UfY ˙U ˙gc ˙UXcdhYX ˙hc ˙Wca d Ya YbhˁˁY

F Ygci fW/g

DfYgW/f]VYX F Ygci fW/g

7ca di `gcfm HYI H/cc_g.

;` fW/oSfW/ 5Z[ VeWFW/fTaa]ž@YjY`%DUfh%fG]a d`]ZYX 7 \UfUWYfg J Yfg]cbŁž(h\9X]h]cb

;` fW/oSfW/ 5Z[ VeWI ad]Taa]ž@YjY`%DUfh%fG]a d`]ZYX 7 \UfUWYfg J Yfg]cbŁž(h\9X]h]cb

VmHUc!W\i b[MUc UbX M Y\i U @]i žUbX di V]g\YX Vm 7 \Yb[/ Hgi]"ž5jU`UV`Y fca

I BGK 6cc_g\cd"

F YW/ca a YbXYX F Ygci fW/g

F YW/ca a YbXYX.

;` fW/oSfW/ 5Z[ VeWW5ZSoSUfW/dI ad]Taa]ž@YjY`%DUfh%fG]a d`]ZYX 7 \UfUWYfg J Yfg]cbŁ

VmHUc!W\i b[MUc UbX M Y\i U @]i žUbX di V]g\YX Vm 7 \Yb[/ Hgi]"ž5jU`UV`Y fca

I BGK 6cc_g\cd"

Ch\Yf cdh]cbU` fYgci fW/g.

‡bhY[fUhYX 7 \]bYgY J c`i a Y %K YV 5dd.

\ hhdg.##k k k "VXYb[!hgi]"Wca #/fck gY#]bhY[fUhYX!W\]bYgY!(h\!YX]h]cb#]bhY[fUhYX!W\]bYgY!(Y!jc`!%/W/Yb[hgi]!k YV!Udd3]X1&%&%&

H\]g 5dd `]bWi XYg 8][ ]HU` HYI H/cc_ž5i X]cžJ]XYcg"‡hWcghg I G8 ¨(' "--Zcf U gi VgW/f]dh]cb cZ* a cbh\g"

Ch\Yf fYW/ca a YbXYX fYgci fW/g UbX h cc`g k ]` VY dfcj]XYX cb h\Y 7 ci fgY A ccX`Y"

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

H\]g`Wci fgY`k]``VY`Zcfa U``mYj U`i UhYX`h\fci [\`A m9l dYf]YbW`ž`Ug`k Y``Ug`]bZcfa U``mXi f]b[`h\Y k \c`Y`h\YUW\]b[ `dfcW/gg"`5 bm]ggi Yg`fU]gYX`]b`ghi XYbhgfiZYYXVUW_`k]``VY`UXXfYggYX`Ub`X`ghfUhY[ ]Yg hc`Zl fh\Yf`Yb\UbW`h\Y]f`YUfb]b[ `Yl dYf]YbWY`k ]``VY`X]gW/ggYX`k]h\`ghi XYbhg`]b`WUgg"

Gi Va]gg]cb cZ 5ggYgga Ybh HUg_g

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

Zmci YbWci bh Yf U dfcVZYa k Yb Uhha dh]b[hc gi Va]hmci f Ugg][ba Ybh\ fci [\ Hi fb]h]b bž d YUgY

5WUXYa]W<cbYghm UbX D`U[]Ufga

D`U[]Ufga ]g ig]b[ h\Y kcfXg cf ]XYUg cZ ch\Yfg UbX dfYgYbh]b[ h\Ya Ug mci fck b"±\WUb h\U_Y m a Ubm Zcfa gž Zca XY]VYfUhY WXYUh]b[ hc UWW]XYbhU` m Wdm]b[Zca U gcifWY k]h\cih UW_bck`YX[YaYbh

I BGK [cidg d`U[]Ufga ]bhc h\Y c`ck]b[WUhY[cf]Yg.

- i bXYfghUbX´mci f´f][\hg´UbX´fYgdcbg]V]`]h`Yg´Ug´U´ghiXYbh´Uh`I B GK
-

5WUXYa]W‡bZcfa Uh]cb

: cf YggYbh]U gh XYbh]bZcfa Uh]cb fY Uh]b[hc.

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

\ hdg.##k k k "Ufhg"i bgk "YXi "Ui #W ffYbh gh XYbhg#UWUXYa]W]bZcfa Uh]cb#dfchcWc g![i]XY]bYg#

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=a U[Y 7 fYX]h

G\i hhYfghcW_

7 F =7 C G

7 F =7 C G Dfcj]XYf 7 cXY. $$$-,;

5W_bck `YX[Ya Ybh cZ 7 ci bhfm

K Y UW_bck `YX[ Y h Y 6YXY[ U dYcd`Y k\c UfY h Y hfUX]h]cbU `W ghcX]Ubg cZ h Y `UbXg cb k\]W\ I BGK ? Ybg]b[hcb WUa di g]g `cWUhYX.