



D5 %%%%

D5%%

9CG; a V< ! '9'YWfc 'Cdh]WU' GmghYa g

DfcXi W'hYI hg

D5 %%%%]g'U'k \]hg\ 'dc'mJa ]XY'%'dck XYfz'k \]W\ ']g'cdhja ]gYX'Zc'f'h'Y'i gY'Ug'U'UgYf'g]bhYf]b[ 'a UhYf]U''' D5 %%%%]g'a UXY'ci h cZfYbYk UV'Y'fUk 'a UhYf]U'g'fWUgch'f'c]k' 'h'Y'a UhYf]U' ]g'W'UFUWYf]gYX'VmY'Ugh]W]m'UbX'\[ \ 'ja dUW'fYg]ghU'W'

DfcdYfh]Yg

i '\][ \ 'Y'cb[ Uh]cb 'Uh'VfYU\_

i 'Y'Ugh]W]m

i '\][ \ 'ja dUW'fYg]ghU'W'

i 'YI'W'Y'bh'fYg]ghU'W' 'hc'W'Ya ]WU'gZ'YgdYV]U'm\mXfCWfVcbgz'U'XY'mXYgz'\_Yhc'bYgz'a ]bYfU'VUgYg'UbX'gU'hgZ'U'W'c'gZ'Z'Y'gz XYHfYf[ Ybhgz'c]g'UbX'Z]hg

5WV'dHUbW'W]hYf]U

i 'Wfchcl ]W]m'UW'fX]b[ 'hc'8=9B '=GC '%\$- - ' !)

Hnd]WU'Udd']W]h]cbg

i 'a YW]Ub]WU'm'cUXYX'Z' bW]cbU' dfch'hdYg'UbX'gyf]Yg'dUfhg'k ]h' 'cb[ !hYfa 'a c] ]b[ 'Y'Ya Ybhg'fY[ ' ' ]b[ Ygk

i ' ]b'h'Y'U' hca ch]Y' ]b'Xi ghf'nz' ]h' ]g'a U]b'mi gYX'Zc'f' ]bhYf]cf' W'ea dcbYbhg'Zc'f' W'Ug' 'fY'Y' Ubh'dUfhg' fD5 %%%%'W'ea dcbYbhg'Xc' bch gd' ]bhYf'k

i 'YgdYV]U'm'igi ]hYX'Zc'f'ga U' 'hc'a YX]i a ]g]nYX'dUfhgz'h ]b'k U'g'UbX'U'h]W' ghfi W'i fYg

K \Yb'i g]b[ 'h ]g' dfcXi W'h]b' cf'Zc'f' a YX]W' 'XY ]W'g'Ug'XYZ]bYX' ]b'X]fYV]Y' Y'&\$#+(#97'fA YX]W' '8Y ]W'f]kZ' mci 'g'vci 'X'VY'Uk UfY' h'Uh'h ]g' dfcXi W'h]Ug'bchVYYb XY]Y'cdYX'cf'hYg'X'Zc'f'g' W'i gY'UbX'h'Uh]h]g' mci f'gc'Y'fYg'dcbg]V] ]m'hc:XYH'fa ]b'Y'h'Y'gi ]HUV] ]m'cZ'h]g' dfcXi W'h]Zc'f'g' W' i gY'Uh'mci f'gc'Y'f]g' "Hc'ci f'\_bck'YX[ YZ'bc W]b]W' 'a YX]W' 'gh'X]Yg'W'eb'W'fb]b[ 'h'Y'i gY'cZ'h]g' dfcXi W'h]b'U'bm'dUfh]W' 'Uf' A YX]W' '8Y ]W' \Uj'Y'VYb' d'YfZc'fa YXZ'UbX'Uddfc]U' 'Zca 'h'Y'9' fcdYUb'8]fYV'hc'fU'h'Zc'f'h'Y' E'i U' ]m'cZ'A YX]W'Yg'f'98'E'A'k'cf'ch'Yf[ c] Yfba Yb'U'U' h'cf]h]Yg'Zc'f'g'Y' ]b' A YX]W' '8Y ]W'g' \Ug'bY]h'Yf'VYb'gci [ \h'bc'f'fYV] ]YX' 'Gi V'YV'hc' mci f'gc'Y'fYg'dcbg]V] ]m'hc:XYH'fa ]b'Y'gi ]HUV] ]m'cZ'h'Y' dfcXi W'h]Zc'f'g'Y' ]b'U'bm'A YX]W' 'DfcXi W'h]Zc'f'g'Y' a Ubi ZUW'i fYf'cZ'h]g' dfcXi W'h]Y'i dYgg'm'UX] ]gYg'bch'hc' W'eb]Xf' ]hg'dcgg]V'Y'i gY'Zc'f'U'bm' A YX]W' 'DfcXi W'h]Udd']W]h]cb'ch'Yf'h'Ub'VeX'm'cf'h'Yg]gZ'cf'h'cdYX]W]bg'Y'fU'V'!gi ddc'f'h'z'gi f[ ]WU' [i ]X]Yg'UbX'hc'gZ'h'YfU'dma Ug\_g'UbX'XYb'U' 'a cXY'gZ'UbX'U'gc'Y'i dYgg'm'k Uf'bg'h'U'h] ]b'U'bm'Y'Y'bh]h]g'vci 'X'bc'h'VY' ]b'f'cXi W'X' ]b'hc'h'Y' 'i a Ub'VeX'm'Zc'f' a cY' 'h'Ub' 'S'X'Um'g'UbX'g'vci 'X'bc'h'f'd'U'W'U'bm'Y'd]h'Y]W' 'gi fZUW'cf'h'Y'gi fZUW'cZ'h'Y' Ym'Zc'f' a cY' 'h'Ub' 'S'X'Um'g' : cf' a cY' ]b'Zc'fa Uh]cbZ'd'YUg'W'eb]U'W' mci f'gc'Y'g' a Ub'U'Yf'

A YW]Ub]WU' dfcdYfh]Yg	J U' i Y	I b]h	HYgh'GHUbXUFX
G\vcY'8' \UfXbYgg	+	!	=GC' + * % - ! %

' 8' 8UHU	J U' i Y	I b]h	HYgh'GHUbXUFX
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H'Y' d'fcdYfh]Yg'cZ'dUfhg' a Ubi ZUW'i fYX'i g]b[ 'UXX]h]Y'Y'a Ubi ZUW'i ]b[ 'h'Y'W'bc'c[ m'fY[ ' ' 'UgYf'g]bhYf]b[ Z'gh'fYc' ]h'c[ fUD' nZ: i gYX'8Y'dc]h]c' 'A cXY' ]b[ 'z' '8' d'f]b]b[ k' UfYz Xi Y'hc'h'Y'f' 'Um'f'f'V'm'Um'f' d'fcdYfh]Yg'cb'z'hc'gca'Y'Y'i h'bh'X]fYV]cb'XY'dYb'Y'bh'5XX]h]cb'U'nZ'h'Y'UW]Y] UV'Y'a YW]Ub]WU' dfcdYfh]Yg'XY'dYb'X'Ua'cb[ gh'ch'Yf'g'cb'h'Y'g'mgh'a i gYX'f' CFA = 5'D' %L'Z'9CG'D' -L'Z'9CG'D' +L'Z' h'Y' i gYX'Um'f' h'W]b'Y'gg'UbX'W'f'fYV]dck'XYf'U'UbX' ]b[ 'UbX'dYf'U'fU'h]cb' 'h' ]g' \Ug'hc'VY'W'eb]g]YfYX'k \Yb'XYg[ ]b]b[ 'h'Y' dUfh'UbX'XYZ]b]b[ 'h'Y'Vi ]X'cf]Yb]h]cb'

HYbg]Y'AcXi'ig			=GC')&+
L'8]fYV]cb	%* \$\$	A DU	
M8]fYV]cb	%* \$\$	A DU	
N'8]fYV]cb	%* \$\$	A DU	

HYbg]Y'GHfYb[h			=GC')&+
L'8]fYV]cb	(,	A DU	
M8]fYV]cb	(,	A DU	
N'8]fYV]cb	(,	A DU	

GhfU]b'Uh'VfYU_			=GC')&+
L'8]fYV]cb	(	I	
M8]fYV]cb	(	I	
N'8]fYV]cb	' \$	I	
N'8]fYV]cb'D+I I	%)	I	

7\Ufdm]a dUW'ghfYb[h			=GC' %+- # %YI
Z' &' s7Z'L'8]fYV]cb	B	_>#a	
Z' &' s7Z'M8]fYV]cb	B	_>#a	

7\Ufdm]bch'W'YX'ja dUW'ghfYb[h			=GC' %+- # %Y5
Z' &' s7Z'L'8]fYV]cb	+",	_>#a	
Z' &' s7Z'M8]fYV]cb	+",	_>#a	
Z' &' s7Z'N'8]fYV]cb	*")	_>#a	

@Ugh'W]Ub]Y' '&\$% !%& && Gci fW' . k k k "a UhYf]U'XUHUW'bhYf'W'ea DU[Y' %&# 7cdfnf[ \h'5'HJ]f'9b[ ]bYf]b[ ; a V<"5'HJ]f'9b[ ]bYf]b[ : a V<'Uggi a Yg'bc' ]JU] ]m'Zc'f'h'Y'g'mgh'a 'hc'VY'Z'fY'cZ'Yf'c'f'g' 'h'Y'i gYf'HJ\_Yg'gc'Y'fYg'dcbg]V] ]m'Zc'f'h'Y'i gY'cZ'h]g'XUHU' bXY'h'Y'YI'W' ]g'cb'cZ'Y'Yf'm' ]U] ]m'Zc'a '5'HJ]f'9b[ ]bYf]b[ ; a V<'h]g' ]g'Ygd'YV]U' m] U'X'Zc'f'WU]a g'cZ'W'ea dYb]g]h]cb'fYgi' h]b[ 'Zca' W'eb]g'Yei'Ybh]U'X'Ua'U]Yg' 5'HJ]f'Y'i d' ]W]h]m'cd]b]g'ci' h'h'Uh'U'bm'XYV]g]cb'U'Vci' h'h'Y'Udd']W]h]cb'cZ'a UhYf]U'g'a i gh'Y'Xci'V'Y'W'Y'W'Y'X'k ]h' 'h'Y' d'fcdYfh]Yg' W'f'cZ'h]g'a UhYf]U' 'h' ]g' ]b'W'XYg'U' 'W'eb]b]bhg'cZ'h]g'g'mgh'a " '7cdfnf[ \h'U'k'g'UfY'Udd']W]U'V'Zc'f'h'Y'W'eb]b]bhg'cZ'h]g'g'mgh'a "

D5`%%\$%

D5%%

9CG'; a V< '! '9'YWf'c`C dhjWV`GmghYa g

HYa d" `cZXYZYW]cb`i bXYf`cUX

=GC`+) !%#&

%, \$`A DUz`L`8 ]fYV]cb	( *	\$7
%, \$`A DUz`M8 ]fYV]cb	( *	\$7
%, \$`A DUz`N`8 ]fYV]cb	( +	\$7
\$`(`) `A DUz`L`8 ]fYV]cb	% \$	\$7
\$`(`) `A DUz`M8 ]fYV]cb	% \$	\$7
\$`(`) `A DUz`N`8 ]fYV]cb	% %	\$7

H\ Yfa U`dfcdYfh]Yg

J U`i Y

I b]h

HYgh`GHUbXUfX

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Ch\ Yf`dfcdYfh]Yg

J U`i Y

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8Ybg]hmflUgYfg]bhYfYXt

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Dck XYf`Vt`ci f`fUW`hc`gUZyhXUHJ`g\YYtL

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7\ UfUVWYf]gh]Vg

DfcW`gg]b[

`8`Df]bh]b[ z`5XX]hj Y`A Ubi ZUW] f]b[ z`@UgYf`G]bhYf]b[ z`F Ud]X Dfchcm]b[

7\ Ya ]WV`F Yg]ghUbW

; YbYfU`7\Ya ]WV`F Yg]ghUbWz`Gc`j YbhFYg]ghUbWz`; fYUgY F Yg]ghUbWz`C ]`F Yg]ghUbW

8Y`]j YfmZcfa

Dck XYf

7Yfh]Z]W]h]cbg

7cbh]bg`fYbYk UV`Y`fYgci fWg

GdYVU`7\ UfUVWYf]gh]Vg

< ] [ \ `]a dUW]cf`]a dUW]a cX]Z]YX

5dd`]W]h]cbg

5i hca chj Yz`Gdcfng`9ei ]da Ybh

: YUhi fYg

< ca cdc`ma Yf