



D5'&&\$'6U'UbWV%'\$

D5%&

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

DfcXi _hYI h

8Ug'k Y]E]WXY: Y]bdi 'j Yf'D5'&&\$'Ui ZXYf'6U]g]j cb'Dc'mJa]X'%'&V]YhYha]h'gY]bYa 'gY\ f'Ui g[Yk c[YbYb'9][YbgWUZhgdFcZ]

VfY]h[YZ] WXYfhY'5bk YbXi b[ga " [']W_X]hYb"

@UgYf[Y]g]bhYfhY'6Ui hY]Y'Ui g'D5'&&\$'VY]mYb'Ui g[YnY]WbYhY'A UhfY]U'Y][YbgWUZhYb.

i '\c\Y': Ygh[_Y]h' bX'GHY]Z[_Y]h

i '[i hY'7\Ya]_U]YbVYgh] bX][_Y]h

i '\c\Y'@Ub[nY]hgHUV]]h] h

i '[i hY'HFYbbgW] fZYbUi Z" gi b['i bX'8YhU] hYi Y

i 'j]Y'Z' h[Y'BUWVY\UbX'i b[ga " [']W_X]hYb'fh" '6" A YHU"]g]Yfi b[z'9]bVfYbb'UW_]Yfi b[z: 'Y]hgW_X]ZYbZ' HUI W_X]Z' fVYbZ

6Y_VYi b[z'Di 'j YfVYgW]W_X]h b[z'6YzCw_i b[z' k

i 'V]c_ca dU]hVY' bUW' 9B '=GC'%'\$- - ' !%i bX'! GD#Y] Y' 'J =#%&%\$7

i 'nYfh]Z]n]YfhZ' f'@VYVbga]hY' _cbhU_h[Ya] E'XYf'9! ?! bghgzcZ] 8]fY_h]j Y' '\$\$&# + #97' f5i gb". '\cWU'_c\c']gW_X]

; Ybi gga]hY' k

Hnd]gW_X]Y'5bk YbXi b[Yb'XYg'K Yf_ghcZZYg'g]bX'j c'' Z] b_h]cbgZ] \][Y'6Ui hY]Y' \ " W_X]ghYf' E i U]h] h'5i Z; fi bX'XYf

Ui g[YnY]WbYhYb'a YW_X]Ub]gW_X]Yb'9][YbgWUZhYb'XYg'A UhfY]U'g'Z]bXhYg' \] Z['9]bgUhm'U'g'Gi Vgh]h] h]cbgk Yf_ghcZZ'Z' f' V']W_X]Y

Gdf]m[i ggk Yf_ghcZZ''8Yg'k YhYfYb'Yf'Ui VYb'X]Y'6]c_ca dU]hV]]h] h'XYg'A UhfY]U'g'X]Y'5bk YbXi b['n''6'']b'XYf'Dfch]Yh]_z'gck]Y

X]Y' \c\Y'Y' YfgW_X]Y]E]Z]gh[_Y]hX]Y' F'YU]g]Yfi b['VYk Y[']W_X]Yf'6Ui hY]] YfV]bXi b[Yb"

%&\$'±a 'GW_X]hX]W_X]Y

8]Y' Gh] f_Y'XYg' DDA! DUFUa YhYfGYh'6U'UbWV']gh'gY]bY'5i g[Yk c[Yb\Y]h" 9f'V]YhYhVY]'%'&\$'±a 'GW_X]hX]W_X]Y'Y]bY'cd]h]a U'Y

6U'UbWV'nk]gW_X]Yb: Yfh][i b[g_cghYbZ'A YW_X]Ub]_z'CYVfZ] W_X]Ybei U]h] hi bX'; YbUi][_Y]h'9f'Y][bYh]gW_X]gc'Z' f'6Ui hY]Y

i bhYfgW_X]YX']W_X]ghYf'; Yca Yh]YbZ'; f" EYb'i bX'5bZcfXYfi b[Yb"

A YW_X]Ub]gW_X]Y'9][YbgWUZhYb	K Yfh	9]b\Y]h	HYgh'GHJbXUfX
6]Y[Ya cXi 'f&' \$7k	%) \$\$	A DU	=GC' %+,
=ncX' ? YfVgW_X]U[n] \] [_Y]h f&' \$7k	("(_>#a	=GC' % #%/5
G\cfY\ \ fhY'8' fB) gk	+))	!	=GC' , * ,

' 8'8UhYb	K Yfh	9]b\Y]h	HYgh'GHJbXUfX
8]Y'9][YbgWUZhYb] cb'6Ui hY]Yb'Ui g[YbYfU]h] Yb'j YfZU\Yb'rk] @UgYf]ghYfZ'GHYfC']h\c[fUD\Y]Z: i gYX'8Ydcg]h]cb' A cXY']b[z' '8!8fi W_X]Yb'k'g]bX'Xi fW_X]Yb			
gW_X]hX]k Y]gYb'5i Z'U]h' hY]k Y]gY' cb'XYf'F]W_X]h b['UV\] b[] [" '8]Yg'a i gg'VY]XYf' ?cbgfh] _]h]cb'i bX'CF]Vbh]Yfi b['XYg'6Ui hY]g'VYf' W_X]gW_X]h[hX'YfYb"			
Ni [!9!A cXi 'fL!F]W_X]h b[z' k	%) \$	A DU	=GC') &+! %#! &
Ni [!9!A cXi 'fMF]W_X]h b[z' k	%) \$	A DU	=GC') &+! %#! &
Ni [!9!A cXi 'fN!F]W_X]h b[z' k	%) \$	A DU	=GC') &+! %#! &
Ni [ZYgh][_Y]h fL!F]W_X]h b[z' k	(A DU	=GC') &+! %#! &
Ni [ZYgh][_Y]h fMF]W_X]h b[z' k	(A DU	=GC') &+! %#! &
Ni [ZYgh][_Y]h fN!F]W_X]h b[z' k	(&	A DU	=GC') &+! %#! &
6fi W_X]Y\bi b['fL!F]W_X]h b[z' k	%		=GC') &+! %#! &
6fi W_X]Y\bi b['fMF]W_X]h b[z' k	%		=GC') &+! %#! &
6fi W_X]Y\bi b['fN!F]W_X]h b[z' k	(=GC') &+! %#! &
7\UfdmGW_X]U[n] \] [_Y]h f&' \$7z' L!F]W_X]h b[z' fL' &' \$7k)'	_>#a	=GC' %+- #%/1
7\Ufdm? YfVgW_X]U[n] \] [_Y]h fL' &' \$7z' L!F]W_X]h b[z' fL' &' \$7k	("	_>#a	=GC' %+- #%/5

H\Yfa]gW_X]Y'9][YbgWUZhYb	K Yfh	9]b\Y]h	HYgh'GHJbXUfX
GW_X]a Y'nhYa dYfU]h' f'fB\$7#a]b z'	%+ *	\$7	=GC' %%%') +! %#!'
J]W_X]h'9fk Y]W_X]i b[ghYa dYfU]h' f'f] \$7# \)' \$B z'	%*'	\$7	=GC' ' \$*

5bXYfY'9][YbgWUZhYb	K Yfh	9]b\Y]h	HYgh'GHJbXUfX
8]W_X]hY' f'UgYf[Y]g]bhYf z'	- ' \$	_ [#a	9CG' A Yh\cXY

A Yf_a U'Y

GHJbX. ' &\$%\$!\$' !&%Ei Y'Y. 'k k k 'a UhfY]U'XU]W_X]bhYf'Vta G]Y]hY. '%&
 8]Y'5b[UVYb'Yb]gdYfW_X]Yb' i bgYfYa 'Ybb]b]g] i bX'9fZ]A fi b[gghU]bX'ni a 'N]h]di b_h'XYf'J Yf' ZYb]h]W_X]i b[" G]Y'V]XYb'U'Y]b' _Y]bY'Ui gY]W_X]YbXY'; fi bX'U[Y'Z' f'Y]bY
 6Ui hY]Ui gY[i b[" '6Ygh]a a hY'9][YbgWUZhYb'XYg' DfcXi _hYg'cXYf'X]Y'9][b[b['XYg'DfcXi _hYg'cXYf'] cb'6Ui hY]Yb'Z' f'Y]bY'gdYn]Z]gW_X]Y'5bk YbXi b[
 k YfXYb' \]Yfa]h'k XYf'j YfY]bVUfh'bcW_X] [Ufub]h]Yf'8Yf' DfcXi nYbhcXYf'XYf'5VbY\A Yf'Y]bYg'6Ui hY]g']gh'Z' f'X]Y'Y'VYf'f' z' b['XYf'9][YbgWUZhYb' i bX'XYf'9][b[b['Z' f'Y]bY
 _cb_fYh'5bk YbXi b['j'Yfub]k'cfh]W_X] '8]Yg[]h'Ui W_X]]bg]W_X]h]W_X]XYf'K U]fi b['j'cb'a " []W_X]Yb'GW_X]i hmfYW_X]h'gck]Y'VYgh' \ YbXYf'; Yg]hY' i bX'6Ygh]a a i b[Yb'±a 'FU]a Yb
 XYf'_cb]h]j]Yf]W_X]j cb'9CG'VYf]YVYbYb'9b]k]W_X]i b[g] i bX'j YfVYggYfi b[gdfcnYggY' _ ±bbYb'g]W_X]Y'5b[UVYb'c\ bY'j c]fUb' _bX][i b[] bXYfb"

D5`&&\$ \$'6U`UbW`%"\$

D5%&

9CG'; a V< '! '9`YWfc `C dh]W`GmghYa g

J YfUfVY]hi b[ga Yh\cXYb

@UgYfg]bhYfb

@]YZYfZcfa Yb

K Y]E

7\Ya]_U`YbVYgh} bX][_Y]h

5``[Ya Y]bY`7\Ya]_U`YbVYgh} bX][_Y]h

x_c`c[]gWY`6Yk Yfh b[

I GD`7`Ugg`J =Ni `Uggi b[

GhUbX. `&\$%\$!\$`!&%Ei Y`Y. `k k k `a UHYf]UXUHWW`bhYf`Vta

GY]H. `&#&

8]Y`5b[UUYb`YbhgdYVWYb`i bgYfYa `?Ybbfb]gl`i bX`9fZ\ fi b[gghUbX`ni a `NY]rdi b_hXYf`J Yf`ZYbh]Wki b["G]Y`V]XYb`U`Y]b`_Y]bY`Ui gfY]WYbXY`; fi bX`U[Y`Z`f`Y]bY`6Ui hr]Ui gY[i b["6Ygh]a a hr`9][YbgW`UZhYb`XYg`DfcXi`_hr`g`cXYf`Y]bYg`6Ui hr]g`cXYf`X]Y`9][bi b[`XYg`DfcXi`_hr`g`cXYf`j`cb`6Ui hr]Yb`Z`f`Y]bY`gdYn]Z]gWY`5bk`YbXi`b[k YfXYb`^]Yfa`]hk`YXYf`j`YfY]bVUfh`bcW`[`UfUbh]Yfhr`8Yf`DfcXi`nYbhcXYf`XYf`5VbY`a`Yf`Y]bYg`6Ui hr]g`]gh`Z`f`X]Y`y`VYfdf`Z`b[`XYf`9][YbgW`UZhYb`i bX`XYf`9][bi b[`Z`f`Y]bY`_cb`fYH`5bk`YbXi`b[`j`YfUbtk`cfh]W`"8]Yg`[]hUi`W`^]bg]W`h]W`XYf`K`U`fi`b[`j`cb`a`["`WYb`GWki`mfYVW`hr`b`gck`j`VYgh`YbXYf`; YgYmY`i`bX`6Ygh]a`a`i`b[`Yb`"a`FU`a`Yb`XYf`_cb]bi`j]f]W`j`cb`9CG`VYHf]VYbYb`9btk`jW`i`b[`gl`i`bX`J`YfVYggYfi`b[`gdfcnYggY`_`bbYb`g]W`X]Y`5b[UUYb`c`bY`J`cfUb`_`bX][i b[`]`bXYfb`