

## D5 '&&\$\$ '6U`UbWY '%"\$

D5%&

9CG; a V<!!9YWfcCdh]WU`GmghYa q

## DfcXi WhiHYI ha

- $i \setminus [ \setminus ghfYb[h \setminus UbX \cdot gh]ZZbYgg$
- i [ccX:WXYa]WU`fYg]ghUbWY
- i Yl WY``Ybh``cb[!hYfa WcbghUbh`VY\Uj]cif
- i \][\ gY`YWh]j ]hm`UbX`XYhU]``fYgc`i h]cb
- ; j Uf]ci gːZ|b]g\]b[ `dcgg]V]`]h]YgːfY"[ "`a YhU``]gUh]cbžːghcj YːYbUa Y``]b[ ž'j ]VfUhcfm[ f]bX]b[ ž'hi VːWt`ci f]b[ ž'VcbX]b[ ž'dck XYf WtUh]b[ ž'ZcW\_]b[ Ł
- i 'V]c'Wta dUh]V`Y'UWWtfX]b['hc'9B'=GC'%\$--'!%'UbX'I GD#Yj Y``J=#\&%'\$7
- i 'Uddfcj YX'Zcf'ZccX'WtbhUWh']b 'Wta d`]UbW'rk]h\ h\ h\ Y'91 'D'Ugh]Wg'8]fYWh]j Y'&\$\$&#+&#97 'fYI WYdh]cb. '\][\ 'U'Wt\c`]WZccXghi ZZL

 $\label{thmd} $$ Hmd]WD^*Udd^*]WUh]cbg^*cZ^hY^aUhY^f]U^*UfY^Z_m^Z_bWh]cbU^*d^Ugh]WdUfhg^*cZ^*Y][ Ygh^eiU^*]hm'^8iY^hc^hYYUW^Ybh^aYWUb]WD^*dfcdYfh]Yg^hYYaUhYf]U^*]g^cZhYb^igYX^hc^giVgh]hihY^hmd]WD^*]b^YVW]cb^aci^X]b[^d^Ugh]Wg^"HYY^V]cWdadUh]V]^]hm^U^*ckg^*]hY^Y][ "Zcf^dfcghYgYg^z^hYY^][ \ VUYfUg]cb^fYg]ghDbW^*U^*ckg^Y[" "hYY^fYU^]gUh]cb^cZ^acjUV^YdUfh^WcbbYWh]cbg"$ 

## %\$'±a ``Um\f'h\]\\\_b\Yqq

 $\label{thm:local-control} $$HY'UX_jUbHU[Y'cZ'hY'^6U'UbW''dUfUa YhYf'gYh']g'Yei]'JYf]i a "'HY'`UmYf'h\]W_bYgg'cZ'\%\$'\pm a 'cZZYfg'U'dYfZYWh'VU'UbW''YYhk YYb dfcXi Wh]cb'Wcghgz'a YW.Ub]WU''dfcdYfh]Ygz'gi fZUWY'ei U']hm'UbX'UWW fUWh''=h']g'h\YfYZcfY'gi ]hUV'Y'Zcf'dUfhg'k ]h\'j Ufm]b[ [Yca Yhf]Ygz'X]a Ybg]cbg'UbX'fYei]fYa Ybhg"$ 

A YVX Ub]VWJ`dfcdYfh]Yg	J U`i Y	l b]h	HYgh GhUb XUf X
=ncX`bchWkYX`]a dUWhighfYb[h\`flŽ&' š7Ł	( "(	_>#a	=GC %, \$#%5
G\cfY'8'\UfXbYgg	+)	!	=GC '+* %-!%

'8'8UHJ	J U`i Y	l b]h	HYgh GhUb XUf X
H\Y'dfcdYfh]Yg'cZdUfhg'a Ubi ZUWN fYX'i g]b[ 'UXX]h] Y'a Ubi ZUWN f]b[ 'h}W\bc'c[mfh'"[ Xi Y'hc'h\Y]f''UmYf!Vm''UmYf'dfcXi Wh]cbž'hc'gca Y'Yl hYbh'X]fYWh]cb'XYdYbXYbh''H\]g'\U			
HYbg]`Y`A cXi `i g			=GC ') &+
L'8]fYWh]cb	%*)\$	A DU	
M8]fYWh]cb	%*)\$	A DU	
N'8]fYWh]cb	%*)\$	A DU	
HYbg]`Y`GhfYb[ h\			=GC ·) &+
L'8]fYVM]cb	(,	A DU	
M8]fYWh]cb	(,	A DU	
N`8]fYV <b>h</b> ]cb	( &	A DU	
GhfU]b 'Uh'VfYU_			=GC ·) &+
L'8]fYVM]cb	%,	1	
M8]fYWh]cb	%,	1	
N'8]fYVM]cb	(	1	
7\Ufdm]a dUWhghfYb[h\fleeting s7z'l 8]fYWh]cbł	) '	_>#a	=GC *%+ - #%YI
7\UfdmbchWXYX`]a dUWh`ghfYb[h\`flŽ&' š7ž'L`8]fYWh]cbŁ	(",	_>#a	=GC ** +- #% Y 5
: `YI i fU``A cXi `i g`fl&' š7ž'L `8]fYWh]cbŁ	%) \$\$	A DU	=GC ·%+,

H\Yfa U`dfcdYfh]Yg	J U`i Y	l b]h	HYgh GhUb XUf X
AY`h]b[ 'hYa dYfUhi fY'f&\$š7#a ]bŁ	%+*	š7	=GC '%%' ) +! %#! '
J]WUhgcZhYb]b[ 'hYa dYfUhi fY'f) \$\$7#\ ') \$BŁ	%* '	š7	=GC '' \$*
6i fb]b[ 'VY\Uj ]cf			@ - (
HYgh d UggŸXž' < 6	\$")	аа	
HYgh'd UggYXž'<6	%"*	a a	
HYgh'd UggYXž' < 6	' "&	аа	

@Ugh`W\Ub[Y. `&\$%, !%%| &&`Gci fW\f. `k k k "a UhYf]U`XUhUW\fbhYf"Wca

DHE V '%#8.

## D5 '&&\$\$ '6U`Ub\\\"'%"\$

D5%

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

Ch\Yf'dfcdYfh]Yg	J U`i Y	l b]h	HYgh GhUb XUf X
8 Ybg]lmflUgYfg]bhYfYXŁ	- ' \$	_[ #a	9CG A Yh\cX
Dck XYf 'Wc`ci f 'fluW' hc 'gUZYhm XUhU 'g\YYhŁ	K ∖]hY	ļ	· · · · · · · · · · · · · · · · · · ·

	/MoYf]	

DfcW/gg]b[

@UgYf'G]bhYf]b[ ž'F Ud]X'Dfchchrd]b[

8 Y`]j Yfm'Zcfa

Dck XYf

7∖Ya]WU`FYg]ghUbWY

; YbYfU``7\Ya ]WU``FYg]ghUbWY

7Yfh]Z]WUh]cbg

: 85'Uddfcj U`UVWV'hc'l GD'6]c`c[]WU`hYgh'flWUgg]ZJWUh]cb

J=#%&%š7Ł