

7cfcbU!NU\`Yb`]a 'Jc[h`UbX_fY]g.'Bi`` BYi]bZY_h]cbYb'Ua '&"'\\;\`]'&\$&) °

5_hi Y``Y'7cfcbU!NU\`Yb']a 'Jc[h`UbX_fY]g'Ua '\$&"\$+"&\$&). BYi]bZY_h]cbYbž'\dn]XYbnž'\dnYbg]j VYhhYb'i bX'bYi Y'JUf]UbhY B]a Vig"



 $\label{eq:local_control_cont$

K]Y 'g]Y \ h'Yg']b 'GUWXgYb 'U``[Ya Y]b 'Ui g3'@Ui h'bYk g"XY 'Yf[UV 'X]Y U_hi Y``Y '5i gk Yfhi b[ž'XUgg'X]Y '+!HU[Y! ₺n]XYbn']a '[YgUa hYb 6i bXYq`UbX'VY]'\$ž, '`]Y[h"' <]Yf'k i fXYb 'Ua '\Yi h][Yb 'HU['XfY]

bYi Y': À``Y'fY[]ghf]YfhžgcXUgg'g]W\'X]Y'; YgUa hnU\``XYf'dcg]h]j Yb HYghg'Ui Z'&"\$%+"\$(+'VY`Ài Zh"'6YgcbXYfg'VYhfcZZYb'g]bX'bUW\'k]Y j cf'X]Y'5`hYfg[fi ddYb'nk]gW\Yb'') 'i bX') - ' \sharp J\fYbž']b'XYbYb , \$("-*&" \sharp DY_h]cbYb'j YfnY]W\bYh'k i fXYb"

=bhYbg]j VYhhYbibX =a dZeichY

 $8]Y = dZ_Ua dU[bY]b : 8Yi hgWX `UbX `nY][hYVYbZU``g': cfhgWX f]hhY'' 5a', "5df]``&$&' ki fXY `VYf]WX hYhž XUgg'+*ž) `i XYf'6Yj Õ`_Yfi b[j c``ghÀbX]['[fi bX]a a i b]g]Yfh `g]bX" : 8 Ug `VYXYi hYhž XUgg `Yhk U*'ž) `A]``]cbYb `AYbgWXYb `a]bXYghYbg `nk Y] : 8 cgYb = a dZghc ZZ Yf\U`hYb'\UVYb" : 8 Yf'; fc hY]``\Uh `g]WX `ZØf `XYb = a dZghc ZZ'j cb 6]cbhY WX `YbhgWX]YXYb ža]h `fi bX'(*ž* `A]``]cbYb'j YfUVfY]hYhYb 8 cgYb'' Ni XYa `\UVYb `VYfY]hg'* & Ž, `i XYf'6Yj Õ`_Yfi b['Y]bY 5 i ZZf]gWXi b[g]a dZi b['Yf\U`hYbž'i bX'%*ž&`i `\UVYb `gc[Uf'X]Y nk Y]hY '6 ccghYf]a dZi b['Yf\U`hYb''$

5_hi Y``Y'9bhk]W_`i b[Yb'i bX'bYi Y'J Uf]UbhY

9]b'k]Wkh][Yf'Dib_hžXYf'b]Wkh'][bcf]Yfh'kYfXYb'gc``hYž']gh'XUg
5i ZhUi WkYb'XYf'bYi Yb'7CJ=8!%-!JUf]UbhY' B]a Vi g 'fB6"%", "%Ł"
9bhXYW_h'ki fXY'g]Y']a '\dot\Uf'&\dot\&\)' i bX']gh'j cb'XYf

K Y`h[Ygi bX\Y]hgcf[Ub]gUh]cb'U`g' JUf]UbhY'i bhYf'6YcVUWkhi b[Y]b[Yghi Zh'kcfXYb"'5_hi Y```[]Vh'Yg'YXcWk'_Y]bY'<]bk Y]gY'Ui Z
gWk YfYfY'JYf`Ui ZgZcfa Ybž'kUg'X]Y'JYfUbhk cfh`]WkYb'dcg]h]j
gh]a a h"

 $\pm g[YgUa h' \ Uh'8 Yi hgWX`Ub X'X]Y'B Yi]bZY_h]cbYb`Ua `\Yi h][Yb`HU[a]h'* (`: A``Yb`]b'XYb'; f]ZZ'VY_ca a Yb"'8 Ug'VYXYi hYh'Y]bY'+!HU[Y!$

Ni gUa a Yb[YZUgghinY][hig]WkžXUggig]WkiX]Yi@U[Yi]a
Jc[hiUbX_fY]giibXi]biGUWkgYbiUigiYfZfYiii]WkiYbhk]W_YibžiUiiWk
k YbbiX]YiJYfUbhk cfhi]WkYbik Y]hYf\]bik UWkgUaiiViY]VYb"
6YgcbXYfgi]biXYfi_ca a YbXYbiNY]hik]fXik]Wkh][igY]bžiX]Y
9bhk]W_iib[YbifibXiiaiiX]YibYiYiJUf]UbhYi[YbUiiniiiVYcVUWkhYbiibXi[Y[YVYbYbZUiigibchkYbX][YiAU»bU\aYbiniiiYf[fY]ZYb"

8 Y hU]`g	
Cfh	Jc[h`UbX_fY]gž'GUWXgYbž'8YihgWX`UbX
EiY``Yb	• k k k "bYk g"XY
	k k k "WcfcbU!]b!nU\`Yb"XY

6Ygi WXYb G]Y i bg Ui Z. b!U["bYh