

9ld`cg]cbgU`Ufa ']b '6Yf`]b. 'Dc`]nY]'gi W\h NYi [Yb 'bUW\'a Y\fYfYb '5hhUW_Yb '

NU\`fY]W\Y`9I d`cg]cbYb`]b`6Yf`]b'j Yfi fgUW\Yb'JYf`Yhni b[YbVY]`N]j]`]ghYb'i bX`Dc`]n]ghYb"`Dc`]nY]'gi W\h'Xf]b[YbX`NYi [Yb"



JcfVYf[ghfU» Y'%ž'%\$, &' '6Yf`]bž'8Yi hgWk`UbX'!' ± 'XYf

j Yf[Ub[YbYb'BUWkh'YfY][bYhYb'g]Wk']b'6Yf`]b'a Y\fYfY

9Id`cg]cbYbž'X]Y'ni 'JYf`Yhni b[Yb'jcb'DYfgcbYb'i bX'Yf\YV`]WkYa

GUWkgWkUXYb'ZØ\fhYb"'8]Y'Dc`]nY]'6Yf`]b'\Uh'\Yi hY'ZfØ\'i a

A]h\]`ZY'XYf'6Yj Ò`_Yfi b['VY]'XYf'5i Z_`Àfi b['X]YgYf'JcfZÀ``Y

[YVYhYb"'8UVY]'\UbXY`h'Yg'g]Wk'i a 'XfY]'gYdUfUhY'GhfUZhUhYbž'X]Y

U``Y']b'XYf'NY]h'nk]gWkYb'A]hhYfbUWkh'i bX'XYb'ZfØ\Yb

Acf[Ybghi bXYb'ghUhhZUbXYb"

 VYfY]hg'[Y[Yb'A]hhYfbUW\h'ni 'Y]bYa 'k Y]hYfYb'JcfZU``ž'U`g'Y]b
Dc`]nY]VYUa hYf'Xi fW\'Y]bYb'[YgW\cggYbYb'; Y[YbghUbX'gW\kYf
j Yf`Yhnh'k i fXY"'Ni XYa 'k i fXY'i a 'Yhk U'\$.' \$'I \f'Y]b'[YnØbXYhYf
dmfchYW\b]gW\Yf'; Y[YbghUbX'Ui Z'XYa '9a ghU`Yf'D`Uhnž'<Ò\Y
6chhfcdYf'K Y['%&ž']b'HY[Y`']b'Y]bY'A YbgW\Yb[fi ddY'[Yk cfZYbž
k Ug'ni 'gW\kYfYbž'hY]`g'`YVYbg[YZÀ\f`]W\Yb'JYf`Yhni b[Ybž
XUfi bhYf'X]Y'Y]bYg'?]bXYgž'ZØ\fhY"

9fa]hh`i b[Yb'bUWX'9ld`cg]cbYb

8]Y'9fa]hhì b[Yb'g]bX'i a ZUb[fY]WX'i bX'_cbnYbhf]YfYb'g]WX'Ui Z X]Y'FY_cbghfi _h]cb'X]YgYf'JcfZÀ``Y'''6YgcbXYfg']b'6Yni ['Ui Z'X]Y'9l d`cg]cb'Ub'Y]bYa 'Dc`]nY][Y`AbXY']b'6Yf`]b!K]hhYbUi ž'X]Y'Ua 8cbbYfghU[UVYbX'ghUhhZUbXž'k i fXYb'VYfY]hg'YfghY'<]bk Y]gY [YgUa a Y`h''<]YfVY]'k UfYb'nk Y]'Dc`]nY]VYUa hY'j Yf`Yhnh'k cfXYb'' BUWX'YfghYb'9fa]hhì b[Yb'[Y\h'X]Y'Dc`]nY]'b]WXh'j cb'Y]bYa [Yn]Y`hYb'5b[f]ZZ'Ui g'''9g'k]fX'j Yfa i hYhž'XUgg'X]Y'9l d`cg]cb'Ui g i bgUWX[Ya À» Ya 'I a [Ub['a]h'DmfchYWXb]_'fYgi `h]YfhY'''8Yf JcfZU``'YfY][bYhY'g]WX'i a '&\$.&\$'I \fž'U`g'X]Y'VY]XYb'6YUa hYb k À\fYbX'Y]bYg'fci h]bYa À»][Yb'G]WXYf\Y]hg[Ub[g'Y]bYb XYhcb]YfhYb'; Y[YbghUbX'YbhXYW_hYb''

9]b" %!^\\f][Yf'Dc`]nY]cVYf_ca a]ggUf'Yf`]hh'XUVY]'gW\k YfY
J Yf`Yhni b[Yb'Ua'; Yg]W\h'i bX'Ua'5i [Y'i bX'a i gghY'bchcdYf]Yfh
k YfXYb"'9g'VYghY\h'X]Y'Yf\YV`]W\Y'; YZU\fž'XUgg'Yf'gY]b
5i [Yb`]W\h'j Yf`]Yfh"'GY]bY'?c``Y[]bž'Y]bY'&-!^\\f][Y
Dc`]nY]a Y]ghYf]bž'Yf`]hh'Y]b'?bU``hfUi a U'_cbbhY'XUg'?fUb_Yb\Ui g
YXcW\']bnk]gW\Yb'j Yf`UggYb"'6Y]XY'6YUa hYb'k UfYb'Ui Z'Y]bYa
GhfY]ZYbk U[Yb']a '9]bgUhn'i bX'g]bX'ni fnY]h'b]W\h
j YfbY\a i b[qZ\\]["

K Y]hYfY'JcfZÀ``Y'i bX'dfÀj Ybh]j Y A U» bU\a Yb

Ni gÀhn`]W\`ni `XYb`9I d`cg]cbYb`V`Y]Vh`Ui W\`Y]b`J cfZU```]a K YghYbX`Yfk À\bYbgk Yfhž`VY]`XYa `Y]b`%+!À\f][Yf`]b`Y]bY I bhYf_i bZh`ZØf`; YZØW\hYhY`Y]bXfUb[i bX`Xcfh`a Y\fYfY`A YbgW\Yb a]h'Y]bYa 'A YggYf'VYXfc\hY"'BUW\'\UbX[fY]Z']W\Yb
5i gY]bUbXYfgYhni b[Yb'k i fXY'XYf'%+!-À\f][Y'Ui Z[fi bX'XYg
<Ui gj Yfk Y]gYg'[Yk]YgYb"'9f'_cbbhY'`Y]XYf'Ybh_ca a Ybž'VYj cf'Yf
j cb'XYb'U`Ufa]YfhYb'9]bgUhn_fÀZhYb'[YgW\bUddh'k YfXYb'_cbbhY"

±0.5 b V Y h f U W h'X] Y g Y f 'J c f Z À ``Y 'Z c f X Y f b ': U W `Y i h Y ž 'X U f i b h Y f 'X Y f 6 Y f `] b Y f '@ U b X Y g W Y Z 'X Y f '; Y k Y f _ g W U Z h 'X Y f 'D c `] n Y] ž 'j Y f g h À f _ h Y G] W Y f \ Y] h g a U » b U \ a Y b " ±0 g V Y g c b X Y f Y 'k] f X 'X Y f '5 i g V U i 'j c b J] X Y c Ø V Y f k U W i b [g g m g h Y a Y b 'U b 'D c `] n Y] [Y V À i X Y b 'U `g 'b c h k Y b X] [Y f U W h Y h ž i a 'X] Y 'G] W Y f \ Y] h X Y f '6 Y U a h Y b 'n i '[Y k À \ f `Y] g h Y b "

 $8]Y `Dc`]nY] `` Uh'V]g `Yf'_Y]bY' <]bk Y]gY `Ui Z'a Õ[`]W `Y `HÅhYf'i b X _cbnYbhf]Yfh'g]W `Ui Z'X]Y `G]W `Yfi b['j cb'Gdi fYb'j cf'Cfh''G]Y `V]hhYh X]Y `6Yj Õ`_Yfi b['i a '<]bk Y]gY `ni `XYb'cVYb'[YbUbbhYb'JcfZÅ``Ybž]bgVYgcbXYfY `ni `XYb'9I d`cg]cbYb']b'GW `ObYVYf[ž'DfYbn`Ui Yf 6Yf['i bX'HY[Y`'' <]Yf'[Y\h'Yg'ni a '<]bk Y]gdcfhU``ni f I bhYfghØhni b['XYf'9fa]hh`i b[Yb''$

8 YhU]`g	
J c f ZU``	91 d`cg]cbž'? ÒfdYfj Yf`Yhni b[ž'A YggYfUb[f]ZZž
	GUWX VYgWX ÀX][ib[
I fgUWXY	GdfYb[ghcZZYId`cg]cbž'dmfchYWXb]gWXYf
	; Y[YbghUbXži bgUWX[Ya À»Yfil a [Ub[ia]h
	DmfchYWXb]_
Cfh	JcfVYf[ghfU»Y'%ž'%\$,&''6Yf`]bž'8YihgW\`UbX
J Y f`Y hn hY	*
Ei Y``Yb	• k k k "VYf`]b"XY
	• k k k "gi YXXYi hgWXY"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'b!U["XY