

8fYUa hf]d cb h\ Y / ei ch/GYffU\ b Ei YYb/ ei ch/. : fca '< Ua Vi f[hc K]`\ Y`a g\ Uj Yb°

DUggYb[Yfg'cZ'h\Y'GYffU\b'EiYYb'YldYf]YbWY'Ub ibZcf[YhhUV`Y'f]jYf'hf]d'Zfca '6Yf[YXcfZ'hc'K]`\Y`ag\UjYb" 8]gWcjYf'h\Y'fcihY'UbX'\][\`][\hg°



6Yf[YXcfZž8Yi hgWX`UbX`!'5'j Yfm'gdYW]U``UXj Ybhi fY']b'; Yfa Ubg\]dd]b['k Ug'fYWYbh`m'ghUfhYX'cb'h\Y''GYffU\b'Ei YYb''''(%dUggYb[Yfg'k Ybh'cb'U'hYb!XUm'f]j Yf'UbX'WXUbbY``hf]d'Zfca

<Ua Vi f['hc'K]`\Y`a g\Uj Ybž'k\]WX'`YX'h\fci [\'d]Whi fYgei Y`UbXgWUdYg'UbX'WXUfa]b['hck bg"'H\Y'Z]fgh'ghcd']b'6Yf[YXcfZ'bYUf

<Ua Vi f['Wcbh]bi YX'h\Y'Wci fgY'Zcf'Ub'i bZcf[YhhUV`Y'^ci fbYm'h\UhghccX'i bXYf'h\Y'g_]``Zi ``hUl'cZ'ck bYf'UbX'WUdhU]b'<Y]_c'6i \f"'

'H\Y'fci hY'YI hYbXYX'cj Yf'VYUi h]Zi ``d`UWYg'gi W\'Ug'@ØbYVi f[ž'h\Y A]hhY``UbX'7UbU`ž'<Ubcj Yfž'A]bXYb'UbX'6fYa Ybž'VYZcfY'h\Y "GYffU\b'Ei YYb"'Z]bU``m'fYUW\YX'K]`\Y`a g\Uj Yb'UbX'di h'cb'h\Y

Bcfh\; UnY``Y`6f]X[Y"'H\Y``Ugh`ghU[Y`k Ug`dUfh]W'`Uf`m`YI W]h]b[ž`]bk\]W\;h\Y`g\]d`k Ug`UVWca dUb]YX`Vm`h\Y`″*JbhY`j cb`8 Ub[Ugh″k]h\`+\$`dUggYb[Yfg"'H\Y`Wca V]bUh]cb`cZghcfa ž`fU]b`UbX`gi bbm\ci fg`fYj YU`YX`h\Y`hfUj Y`Yfg`U`j Uf]YX`UbX`YI W]h]b[`Wci fgY`cZhfUj Y`žk\]W\;a UXY`h\Y`]a dfYqq]cb"

`]b`h\Y`ZcchghYdg`cZ`h\Y`f]jYf`Wfi]gY`

'K\Uh'X]gh]b[i]g\Yg'h\Y'"GYffU\b'EiYYb"3'K]h\'U''Yb[h\'cZ'''"'a YhYfg'UbX'U'k]Xh\'cZ') "%* 'a YhYfgž'h\Y'g\]d'bch'cb`m'cZZYfg Ybci[\'gdUW'ž'Vi h'U`gc'Wca Zcfh"AcXYfb]nYX'k]h\'bYk id\c`ghYfYX'Z fb]hifYž'U'gdUW]cig'iddYf'XYW_'k]h\'XYW_'WXU]fg UbX''cib[Y'Zifb]hifYž'Ug'kY`'Ug'U'kY`'!Yei]ddYX'gU`cbž'h\Y6Yf[YXcfZYf'g\]dd]b['`]bY'YbgifYg'U'd`YUgUbh'Uhacgd\YfY"'K]h\idhc',\$'gYUhg']b'h\Y'gU`cbž'h\Y'g\]d']g'dYfZYWh'Zcf'hcifg'UbX df]jUhY'YjYbhg"'H\Y'gYfj]WY'cb'VcUfX']g'U`gc'gidd`YaYbhYX'VmZf]YbX`m'ghUZ'k\c'cdYfUhY'h\Y'[iYghg'Uh'h\Y'hUV'Y'k\]'Y'ViZZYhgUfY'UjU]`UV'Y'Zcf'gY`Z'!gYfj]W"'

 $\label{eq:continuous} $$ Cj YfU``ž'h\Y'hYb'ghcdcj Yf'k Ug'd`UWYX'cb'U'Wcnm'cj Yfb][\h'ghUmž gc'h\Uh'h\Y'dUggYb[Yfg'Wci `X'Yb'cm'h\Y'`UbXgWUdY'hc'h\Y'Zi ``Ygh'' \h']g'dUfh]W'`Uf`m'[fUh]Zm]b['h\Uh'a Ubm'hfUj Y`Yfg'Wci bh'Ua cb['h\YfY[i `Uf'[i Yghgž'k \]`Y'bYk 'ZUWYg'U`gc'i gY'h\Y'cddcfhi b]hm'hc X]gWcj Yf'h\Y'hfYUgi fYg'cZ'h\Y'; Yfa Ub'f]j Yfg'''$

`Yj YbhZi``f]j Yf`Wfi]gYg`

'f]j Yf'Wfi]gYg'UfY'bck 'j Yfm'dcdi `Uf'UbX'cZZYf'gca Yh\]b['Zcf
Yj YfmcbY'': fca 'U`cbY'hfUj Y`Yfg'hc 'ZUa]`]Yg'! 'Yj YfmcbY'Z]bXg'h\Y
f][\h'cddcfhi b]hm'hc 'Yl d`cfY'; Yfa Ubm'Zfca 'h\Y'k UhYf'g]XY'UbX'Uh
h\Y'gUa Y'h]a Y'`Yh'h\Y]f'gci `'k UbXYf"'H\Y'Wca V]bUh]cb'cZ
Yl d`cf]b['bYk 'W]h]Yg'UbX'h\Y'Wca Zcfh'cb'VcUfX'a U_Yg'gi W\'hf]dg
U'j Yfm'gdYW]U`'Yl dYf]YbWY''K \Yh\Yf'gdcfh]b['UWh]j]h]Yg'cf'W\]`!ci h
ncbYgža cXYfb'g\]dd]b['\Ug'U'V]h'fYUXm'Zcf'Yj Yfm'bYYX''' \=\h
YbUV`Yg'U'bYk 'dYfgdYWh]j Y'hc'a Ubm'a i `h]ZUWYhYX'd`UWYg'U`cb[
h\Y'f]j Yfg'''

 $\label{eq:continuity} $$ 'H\Y'hf]d`YZh'U``Ugh]b[']a dfYgg]cb'bch'cb`m'k]h\'h\Y'fY[i`Uf] $$$

[iYghgžVih'U`gc'Zcf'bYk Wca Yfg'gi W. 'Ug'l `f]_Y'GW.]d'Zfca GW.k UfnYbVY_ž'k \]W. 'k]```VY'fYa Ya VYfYX']b'U'dcg]h]j Y'a Ya cfm" 5bX'Yj Yb']Z'h\Y'fYhi fb'hf]d'hU_Yg'd`UWY'cb'Ubch\Yfž'bc'`Ygg UhhfUWh]j Y'dUh\'cj Yf'5i f]W\ž'F\Y]bY'UbX'h\Y'9`VY'g]XY'W\UbbY`ž h\Y'a Ya cf]Yg'cZ'h\Y'`Ugh'ZYk 'XUmg'UfY'dfcVUV`m']b'h\Y ZcfY[fci bX"'

"A cfY'UVci h'h\Y'"GYffU\b'EiYYb"'UbX'h\Y]f'Yl W]h]b['hci fg'WUb'VY Zci bX'cb'065F?5GG56FU\fhQ

 $fh hdg. \#VUf_UggYbZU\fh"XY\#W\&UfhYf\#bYfY\#X]Y!gYfU\b!eiYYb\#Z k \]`Y`Of]j Yf'hf]dgQ \\$

 $fhdg.#kkk"Zi\fY]gYb#XYihnZU\fhYb#XYihgWX`UbX#cZZYfg"$

8 Y hU]`g	
Cfh	6Yf[YXcfZž8YihgWX`UbX
EiY``Yb	k k k "bk ncb`]bY"XY
	VUf_UggYbZU\fh"XY
	• k k k "Z`i ggfY]gYb"XY

6Ygi WXYb G]Y i bg Ui Z bU[!\Ua Vi f["XY