

8]gWcjYf'7`Yfacbh!:YffUbX/ \$' - /g`f]W\`\]ghcfmž'W``]bUfm XY`][\hgž'UbX'fc`Y']b`h\Y'Hcif'XY':fUbWYž'U``'gYh'U[U]bgh ghibb]b['jc`WUb]W`UbXgWUdYg"



7`Yfa cbh!: YffUbXž: fUbWY'! Cb'si`m'%(ž&\$&) žh\Y'W\Ufa]b[Wca a i bY'cZ'9bbYnUh']g'VUg_]b[']b']hg'i b]ei Y'dcg]h]cb'k]h\]b'h\Y ; fUbXY'@]a U[bY'UfYU'cZ'5i j Yf[bYž`cWUhYX'bYUf'h\Y'\YUfh'cZ 7`Yfa cbh!: YffUbX"'BYgh`YX']b'h\Y'fYbck bYX'Di m!XY!8Đa Y XYdUfha Ybhž'9bbYnUh']g'U'Wca a i b]hm'h\Uh'YbWUdgi `UhYg'h\Y'f]W\ hUdYghfm'cZ: fYbW\'\]ghcfm'UbX'`cWU`'W' `hi fY"'K]h\'U'dcdi `Uh]cb'cZ &ž*), 'fYg]XYbhgž'_bck b'UZZYWh]cbUhY`m'Ug' BUnUXU]fYgž 'h\]g ei U]bh`cWU`Y']g'Ub']bhY[fU`'dUfh'cZ'h\Y'F]ca 'i fVUb'Wca a i b]hmž'U ZUWh`\][\\][\hYX'Vm'@Y'Gdcfh]i XYWUhU`i bmU"

8Ygd]hY`]hg`ga U```g]nY`UbX``Ygg`h\Ub`%- `gei UfY`_]`ca YhYfg`]b`UfYUž h\Y`j]``U[Yg`\]ghcf]WU``g][b]Z]WUbWY`WUb h`VY`i bXYfghUhYX"`H\Y cb`m`dfca]bYbh`UfW\]hYWhi fU``[Ya`]b`9bbYnUh`]g`h\Y`7c``Å[]U`Y

 $\label{eq:cf_cw_g} Zcf^{``}cWU^{`}g^{`}UbX^{`}j^{~}]g]hcfg^{`}U^{`}]_Y"$

@]ZY`]b`9bbYnUh'UbX'h\Y'giffcibX]b[`fY[]cb`]g'W\UfUWhYf]nYX'bch cb`m'Vm']hg'\]ghcf]WU``f]W\bYgg'Vih'U`gc'Vm']hg'U[f]Wi`hifU``Vcibhm" H\Y``cWU``Wi]g]bY'ZYUhifYg'U'VfcUX'UffUm'cZ'hfUX]h]cbU``ZccXgž'giW\ Ug'h\Y'ZUacig`6`Yi`X5ijYf[bY'W\YYgYž'k\]W\`cf][]bUhYX'Zfca'U gYfYbX]d]hcig`X]gWcjYfm'Vm'U'jYhYf]bUfm'ghiXYbh']b'h\Y'%-h\ WYbhifm"'7ifYX'aYUhgž'Zfi]h'Y``]Ygž'UbX'ibigiU``dfcXiWhg``]_Y'h\Y gd]WYX'W\YYgY'_bckb'Ug`@Y'7UhU`Ub'cZZYf'U'W'`]bUfm'UXjYbhifY

5'; `]a dgY']bhc'8U]`m'@]ZY'UbX'@cWU`'DfcXiWhg

<]ghcf]WU``mž'5i j Yf[bY'\Ug'd`UmYX'U'Wfi W]U``fc`Y']b'j Uf]ci g Yj Ybhgž'gi W\'Ug'h\Y'dfcWUa Uh]cb'cZ'h\Y':]fgh'7fi gUXY'Uh'h\Y Bcj Ya VYf'&+ž'%\$-) ž'Wci bW]`']b'7`Yfa cbh"'H\]g'd]j chU``a ca Ybh']g 4 gh'cbY'\][\`][\h']b'U'fY[]cb'f]W\'k]h\'ghcf]Yg'Zfca ']hg'dUghž]bWi X]b['h\Y'`Y[UWmcZ'h\Y'5fj Yfb]"'I bXYf'h\Y'`YUXYfg\]d'cZ J YfW]b[Yhcf]I ž'h\Ym'k YfY'U'dck YfZ ``WcbZYXYfUh]cb'Xi f]b['\$`]i g 7UYgUf g'YfU"'5g'h]a Y'a UfW\YX'cbž'5i j Yf[bY'gUk 'U'gYf]Yg'cZ bchUV`Y'Wci bhg'UbX'Xi W\]Ygž'WfYUh]b['U``UmYfYX'\]ghcf]WU` bUffUh]j Y'h\Uh'fYqcbUhYq'hc'h\]g'XUm"

ghUhYX`Vm`<mark>6f]hUbb]WU</mark>"

5i j Yf[bYž ZUa YX Zcf]hg ghi bb]b[`A Ugg]Z 7YbhfU`i d`UbXgž]bWi XYg h\Y Di mXY GUbWhž h\Y `\][\Ygh dYU_ ']b WYbhfU`: fUbWY" H\]g bUhi fU``VYUi hm fYgcbUhYg h\fci [\ '9bbYnUh UbX 'j U``Ymg U`` Ufci bXž UZZYWh]b['bch cb`m h\Y `cWU` W]a UhY 'Vi h U`gc h\Y `]ZYghm Y cZ]hg]b\UV]hUbhg" 5`h\ci [\ 'h\Y fY[]cb Ufci bX 7`Yfa cbh!: YffUbX \Ug Yj c`j YX]bhc U Vi gh`]b['WYbhYf cZ]bXi ghfm UbX Wca a YfWYž h\Y bUhi fU```UbXgWUdY fYa U]bg ``Uf[Y`m i bhci W\YXž'[]j]b[5i j Yf[bY U'a]I `cZ'U[f]W `hi fU``W\Ufa `UbX i fVUb]bZi YbWYž Ug

$H \setminus Y F Y[] c b g' <]ghcf]WU G][b]Z]WU b WY$

GU]bh!J]Whcf!Yh!GU]bhY!7cifcbbYž'U'g]hY'h\Uh'ghUbXg'Ug'U hYghUaYbh'hc'h\Y'UfYUg'\Yf]hU[Y"'5XX]h]cbU``mž'fYg]XYbhg'Yb'cm h\Y'gWYb]WVYUihm'h\Uh'WcaYg'Zfca'VY]b['dUfh'cZ'U'fY[]cb W\UfUWhYf]nYX'Vm``ig\``UbXgWUdYgž'k\]W\']g']bZiYbWYX'Vm'h\Y]adfYgg]jY'acibhU]bcig'hYffU]b'hmd]WU``cZ'h\Y'5ijYf[bY'fY[]cb"

6Ygi WXYb'G]Y'i bg'Ui Z.'a Y]b!k]Yb"bYh

8 Y hU]`g	
Cfh	7`Yfa cbh!: YffUbXž': fUbWY
EiY``Yb	● k k k "`Ygdcfh]i XYWUhU`i bmU"WUh
	• Yb"k]_]dYX]U"cf[
	• k k k "Vf]hUbb]WU"Wca

5gʻh\Yʻgi bʻgYhgʻcj Yfʻ9bbYnUhžʻcbYʻh\]b[ʻ]gʻUVi bXUbh`mʻWYUf.ʻh\]g `]hh`YʻWca a i bYʻ]gʻUʻYk Y``cZʻ5i j Yf[bYž'XfUk]b[ʻ]bʻU```k \c`k]g\ʻhc YI dYf]YbWYʻh\Y``cWU``W\Ufa ʻh\Uh gʻghYYdYX`]b`\]ghcfmʻUbX Yb`]j YbYXʻVmʻWcbhYa dcfUfm``]ZY"

H\Y`X]ghf]Whg`ZcWig`cb`dfYgYfj]b[`]hg`f]W\`\Yf]hU[Y`k\]`Y dfcach]b[`acXYfb`]bXighfm`dcfhfUmg`U`\Ufacb]cig`V`YbX`cZ`dUgh UbX`dfYgYbh"`K]h\`h\Y`Dim!XY!8ĐaY`acibhU]bg`hckYf]b[`cjYf h\Y``UbXgWUdYž`]hg`\UfX`bch`hc`UXa]fY`h\Y`bUhifU``VYUihm`UbX Wi`hifU``g][b]Z]WUbWY`h\Uh`]bZcfag``]ZY`]b`h\]g`YbW\Ubh]b[`dUfh`cZ : fUbWY"

7`Yfa cbh!: YffUbXž'î gh'U'ghcbY g'h\fck 'Uk Umž'Yb\UbWYg'h\Y U``i fY'cZ'h\Y'UfYU'k]h\`]hg'j]VfUbh'W' `hi fY'UbX'gdcfh]b['gd]f]h"'K]h\ Ufci bX'%) \$'gdcfhg'UggcW]Uh]cbg'Wcbhf]Vi h]b['hc'h\Y'd`UmZi ` Ua V]UbWYž']hg']a dcfhUbh'hc'bchY'h\Uh'bYUf`m'' \$ž\$\$\$'fYg]XYbhg Yb'cm'VY]b['U'dUfh'cZ'h\YgY'UWh]j]h]Yg"'H\]g'WcbbYWh]cb'k]h\ gdcfhg'YI Ya d`]Z]Yg'h\Y'fcVi gh'Wca a i b]hm'gd]f]h'g\UfYX'VYhk YYb 9bbYnUh'UbX']hg``Uf[Yf'i fVUb'bY][\Vcf"