## 



8 Uj ]Yž: `cf]XUžI G5 !:5X]b FcggžU'f]g]b[ 'ghUf']b 'h\Y'k cf`X'cZ cb`]bY'WcbhYbh'WfYUh]cbž'\Ug'a UXY'\YUX`]bYg'k ]h\'\]g'fYWbh di fW\UgY'cZ'U'ghU[ [Yf]b[ 'a Ubg]cb']b'8Uj ]Yž: `cf]XUž'Zcf'bYUf`m &\* 'a ]``]cb"'H\]g'fYa Uf\_UV`Y'XYU`'fYZYWhg'bch'cb`m'Fcgg g [fck]b[ 'Zcfhi bY'Vi h'U`gc'gYhg'U'fYWcfX']b'k YghYfb'6fck UfX 7 ci bhm'fYU`'YghUhY"'Cf][ ]bU``m'`]ghYX'Zcf'`' &'a ]``]cbž'h\Y'df]WY'k Ug g`Ug\YX'Vm'Ub']a dfYgg]j Y'&\$i ž'g\ck WUg]b[ 'h\Y'Yj Yf!W\Ub[ ]b[ XmbUa ]Wg'cZ'h\Y'il i fm'dfcdYfhm'a Uf\_Yh"

H\Y`gdfUk`]b[`a Ubg]cbžk\]W\`gdUbg`%%Z`&)`gei UfY`ZYYh`UbX fYghg`cb`%\$`UWfYgž`VcUghg`gYj Yb`VYXfcca g`UbX`Y][\h`VUh\fcca gž U`cb[g]XY``Uj]g\`ZYUhi fYg``]\_Y``UbXgWUdYX`[UfXYbgž`Zci bhU]bgž`U fYZYWh]b[`dcc`ž`UbX`Yj Yb`U`W\YZIghm`Y`\_]hW\Yb"`\h`U`gc`\ci gYg`U \ca Y`h\YUhYfž`gdUž`Ufh`ghi X]cž`UbX`dcc``\ci gYž`a U\_]b[`]h`U j Yf]hUV`Y`dUfUX]gY`Zcf`fY`Ul Uh]cb`UbX`YbhYfhU]ba Ybh"`BchUV`mž`h\YdfcdYfhm`k Ug`cbWY`di fWkUgYX`i bXYj Y`cdYX`Zcf`'i gh``++) ž\$\$\$`Vm]hg`dfYj]ci g`ck bYfgž`@Ui fYbh`UbX`@Ui fY`DUfY``Y"

## : fca ; Ua Yf hc FYU` 9ghUhY A c[i `

 $5X]b F cgg g f]gY ]b h Y YbhYfhU]ba Ybh k cf X ]g bch ]b[ g cfh cZa YhYcf]W + b]h]U m [U]b]b[ ZUa Y cb Hk]hW k]h N []g Yb[ U[ ]b[ ghfYUa g cZ dcdi `Uf [Ua Yg ]]_Y B65 &? &$ UbX ; fUbX H YZh 5 i hc J ž F cgg WUfj YX ci h U b]W Y h Uh gYh ]a UdUfh < ]g YbYf[ Yh]WXY ]j Yfm UbX j ]VfUbh dYfgcbU ]hm UhhfUWhYX a] ``]cbg z k ]h dYU_YUfb]b[ g cb Hk]hW fYdcfhYX m fYUW ]b[ Ufci bX (a] ``]cb U a cbh " < ck Yj Yf z \]g 'ci fbYm \Ug bch VYYb k]h ci h ]hg Vi a dg " H Y ghfYUa Yf ZUWYX ai `h]d Y VUbg Zfca Hk]hW Zcf ]g Wcbhfcj Yfg]U ``WcbhYbhz dfca dh]b[ `\]g hfUbg]h]cb hc h Y ``Ygg fYghf]Wh]j Y d`UhZcfa '?] W ]b YUf`m & & & "$ 

8 Ygd]hY 'h\ YgY 'W\ U``Yb[ Ygž'F cgg g'bYh'k cfh\ `\ Ug'fYdcfhYX`migYYb Yl d`cg]j Y'[ fck h\ "'K \]`Y 'gca Y'Ygh]a UhYg'd`UW'`\]g'k cfh\ 'Uh'` %\* a ]``]cb']b' &\$ &( ž'ch\ Yfg'gi [ [ Ygh']h'\ Ug'gcUfYX'hc'Ufci bX'` &( a ]``]cb'Ug'cZ'&\$ &) ž'Uhhf]Vi hYX'hc'j Uf]ci g']bWca Y'ghfYUa g ]bWi X]b[ 'gdcbgcfg\]dgž'Mci Hi VY'fYj Ybi Yž'UbX'Yj Yb'U'` &'a ]``]cb a cbh\`m'dUfhbYfg\]d'k ]h\ 'GhU\_Y''' < ]g'fYWYbh']bj Ygha Ybh']b'fYU` YghUhY'cb`m'UXXg'hc'h\]g']a dfYgg]j Y'dcfhZc`]cž'k \]W\ 'U`gc']bWi XYg U'\]ghcfm'cZ'Vi m]b[ 'UbX'gY``]b[ 'dfcdYfh]Ygž']bWi X]b[ 'U'`) 'a ]``]cb a Ubg]cb']b'<c``mk ccX'<]``g"

## H\Y'6fcUXYf'=a dUWh'cZ'GhfYUa]b['7i `hi fY

5X]b F cgg ]g a cfY h\ Ub ' f gh U ghfY Ua Y f / \ Y g ' U ' W' hi f U \ d\ Ybca Ybcb " < ]g ' Wc `` U V cf U h]cbg ' k ]h\ '\ Y U j mk Y ][ \ hg '` ]\_ Y ' 5 b X f Y k H U h Y ž @c [ Ub ' D U i ' ž ' Ub X ' a i g ] W] U b g ' g i W ' U g ' @ ] ` M U W h m \ U j Y '\_ Y d h \ \ ]a ' Uh ' h\ Y ' Z c f Y Z f c b h c Z ' X ][ ]h U ' Y b h Y f h U]ba Y b h " < ]g '\_ b U W\_ ' Z c f Y b [ U[ ]b[ ' Wc b h f c j Y f g ] U ` h c d ] W g ' \ U g ' Y I d U b X Y X ' \ ]g ' U i X ] Y b W ž U h \ c i [ \ ']h \ U g ' Y X ' h c h f c i V ' Y ' k ]h \ ' d ` U h Z c f a g ']b ' h \ Y ' d U g h ' B Y j Y f h\ Y ` Y gg ž F c g g \ U g ' U ` g c ' a U X Y ' \ Y U X `]b Y g ' Z c f ' \ ]g ' d \ ]` U b h \ f c d ] W Y Z c f h g ž X c b U h] b [ ' U ' d c f h] c b ' c Z ' \ ]g ' Y U f b ] b [ g ' h c ' @ 6 H E

cf[Ub]nUh]cbg'UbX'fU]q]b['Z|bXg'Zcf'ZY'`ck'qhfYUa Yfg']b'bYYX"

5g'h\]g'mci b[ 'WcbhYbh'WfYUhcf'Wcbh]bi Yg'hc'a U\_Y'\]g'a Uf\_ž'k Y WUb'VY'gi fY'h\Uh'\Y ```fYa U]b'U'Z]I hi fY']b'h\Y'Wcbj YfgUh]cb Ufci bX'X][ ]hU`'YbhYfhU]ba Ybhž'Yj Yb'Ua ]X'h\Y'bchcf]ci g'i dg'UbX Xck bg'cZ']bhYfbYh'ZUa Y'UbX'Zcfhi bY'''K \Yh\Yf']h g'h\fci [ \ [ fci bXVfYU\_]b[ 'ghfYUa g'cf'Ua V]h]ci g'fYU`'YghUhY']bj Ygha Ybhgž Fcgg'YI Ya d`]Z]Yg'h\Y'bYk 'VfYYX'cZ'YbhYfhU]bYfg'k \c'WUd]hU`]nY cb'h\Y]f'VfUbX'hc'WfYUhY'`Ugh]b[ '`Y[ UW]Yg''

: cf a cfY cb 5X]b Fcgg g fY WY b h fY U YghUhY UWh]j ]hmž W Y  $\underline{W}$  ci h < chB Y k < ]d < cd "

 $\label{eq:continuity} Hc~XY~j~Y~]b~hc~5~X]b~g~Z]b~Ub~W]U~~^ci~fb~Y~m~z~j~]g]h~l~f~V~Ub~Gd~U~hh~Y~f"$ 

: cf'U'WcgYf'`cc\_'Uh'\]g'cj YfU``'Z]bUbW]U```UbXgWUdY'UbX'WUfYYf
a ]`YghcbYgž'fYZYf'hc'7c]b7cXYI "

8 Y hU]`g	
Cfh	8 Uj ]Yž": `cf]XUž"I G5
EiY``Yb	• k k k "\chbYk \]d\cd"Wca
	<ul><li>k k k "i fVUbgd`UhhYf"Wca</li></ul>
	• Wc]bWcXYI"Wca