

# GSM SUPPORT

; GA!Gi ddcfhi "'6]hgVX UbU'&#' , ž' %!( &\$?fU\_Ck  
a cV]Y Ž ( , \* \$, %\$+( ) ) žB=D'D@ ( ) % ) &%( ' F 9; CB. '%&\$&\$' - &)  
[k k k "\[ga !gi ddcfhi'bYh](#)

## 9'Vea gcZiD\cbY'6fYU Yf

FYVej Yf DUggk cfx! DfchVWYX'6'UW'6YffmUbX'5dd'Y'6UW'i dg'

9'Vea gcZiD\cbY'6fYU\_Yf'YbUV'Yg'ZcfYbg]WUWV'gg'hc'dUggk cfx! DfchVWYX'VUW'i dg'Zcf'ga Ufhd\cbYg'UbX'dcfhUV'Y'XY] JW'g'VUgYX  
cb'F=A'6'UW'6YffmUbX'5dd'Y']CG'd'UhZcfa'g''H\Y'dUggk cfx'fYVej Yfmf'cc'gi ddcfhg'U''6'UW'6Yffm'ga Ufhd\cbYg'Ug'k'Y''Ug'5dd'Y'  
XY] JW'g'fi'bb]b[ ]CG' ]bW' X]b[ ]D\cbYz']DUX'UbX' ]DcX' Hci' V\ 'XY] JW'g'cZ'U'' [YbYfUhg]cbg'fY'YUgYX'hc'XUH'z' ]bW' X]b[ 'h'Y' ]D\cbY'\*  
D'i'g'UbX' ]CG' , "

FYhf]Yj Y'7'ci X'6UW'i dg. '5dd'Y' ]7'ci X'UbX'K' ]bXck'g'@] Y'

7'ci X'UW'ei ]g]hcb' ]g'Ub'U'hYfbUh] Y'k'Um'c'Z'fYf]Yj ]b[ ]bZcfa'Uh]cb'ghcfYX' ]b'a'cV]Y'VUW'i dg'dfcXi'WX'Vm'5dd'Y']CG'z'UbX'h'Y'cb'm'  
a'Y'h'cX'hc'YI'd'cfY'K' ]bXck'g'D\cbY' , 'XY] JW'g''9'Vea gcZiD\cbY'6fYU\_Yf'WU'b'fYhf]Yj Y' ]bZcfa'Uh]cb'Z'ca'5dd'Y' ]7'ci X'UbX'  
K' ]bXck'g'@] Y''gYfj ]W'g'd'f'c] ]XYX'h'Uh'c'f] ]b'U''i'gYf'W'YX'Yb]h]U'g'Zcf'h'Uh'UW'Ve'i'bh'UfY'\_bck'b"

Cb' ]bY'VUW'i dg'WU'b'VY'UW'ei ]fYX'Vm'ZcfYbg]WgdYVWU' ]gh'g'k' ]h'ci'h'U'j ]b[ 'h'Y'cf] ]b'U'' ]CG'cf'K' ]bXck'g' , 'D\cbY'XY] JW' ]b'\UbXg'  
5''h'Uh]b'Y'YX'hc'UW'V'gg'cb' ]bY'VUW'i dg'ghcfYX' ]b'h'Y'W'ci'X'g'Yfj ]W'U'fY'h'Y'cf] ]b'U''i'gYf]W'YX'Yb]h]U'g' ]bW' X]b[ '5dd'Y' =8'cf'  
@] Y' =8'UW'Ve'a'dUb]YX'k' ]h'h'Y'V'ffYgdc'bX]b[ 'dUggk cfx"

Bc'\ ]XXY'Z'ZYg.'mci' [ ]Yhi'b' ]a' ]hYX'YI'hfUW]cbg'k' ]h'ci'h'dUm]b[ ' ]Ubm\_' ]bX'cZ'gi'VgW]dh]cbg'cf'UXX' ]h]cb'U''ZYY'g'

D'YUgY'bc'h'Y'h'Uh'U'bc'h]Z]W]h]cb'a'YggU[ ]Y'a' ] [ ]h'VY'gYb'h'hc'h'Y'ck'bYf'cZ'h'Y'5dd'Y' ]7'ci X'UW'Ve'i'bh'k' ]Yb'h'Y' [ ]j'Yb' ]7'ci X'VUW'i'd'  
 ]g'UW'V'ggYX'Z'ca'U'X' ]ZZ'fYb'h'Ve'a'di'hYf'Uh'h'Y'Z'fgh]h'a'Y''5dd'Y' ]h'f'bg'h'Y'bc'h]Z]W]h]cbg'cb'UbX'cZ'Z'ca'h'a'Y'hc'h'a'Y'ff] [ ]h'b'ck'  
h'Y'fY'U'fY'bc'bc'h]Z]W]h]cbg'k'

Hk'ci'ZUW'cf'Ui'h'Yb]h]W]h]cb'

H\Y':cfYbg]WYX' ]h]cb'cZ'9'Vea gcZiD\cbY'6fYU\_Yf'YbUV'Yg'c]Yf'h'Y'U'f'UW'ei ]g]hcb'cZ' ]7'ci X'XUH'k' ]h'ci'h'U'j ]b[ 'h'Y'cf] ]b'U'  
5dd'Y' =8'UbX'dUggk cfx" DUggk cfx! Z'Y'U'W'V'gg'hc' ]7'ci X'XUH' ]g'a'UXY'dcgg]V'Y'j' ]U'h'Y'i'gY'cZ'U'V' ]bUfm'Ui'h'Yb]h]W]h]cb'hc'\_Yb'  
YI'hfUW'V'X'Z'ca'h'Y'i'gYf]W'Ve'a'di'hYf"

9'Vea gcZiD\cbY'6fYU\_Yf'gi ddcfhg'UW'Ve'i'bh'g'k' ]h' [5dd'Y'f\]h'k'ci'ZUW'cf'Ui'h'Yb\]h\]W\]h\]cb'](#) Bch'Y'h'Uh'c'XYf'j'Yfg]cbg'cZ'9'Vea gcZi  
D\cbY'6fYU\_Yf'X]X'bc'h]gi ddcfhg'YV'Ve'bXUfm'Ui'h'Yb]h]W]h]cb'UbX'k'ci'X'ZU' ]Y'Yb' ]Z'h'Y'gYV'Ve'bX'Ui'h'Yb]h]W]h]cb'ZUW'cf'k'YfY'  
UW'V'gg]V'Y''5W'V'gg'hc'h'Y'gYV'Ve'bX'Ui'h'Yb]h]W]h]cb'ZUW'cf'gi'V\U'g'U'f'f'i'ghYX'XY] JW'cf'fYV'Ve'j'Yfm'\_Ym]g'fYei ]fYX''CbW'h'Y'  
gYV'Ve'bXUfm'Ui'h'Yb]h]W]h]cb'gh'Yd' ]g'Ve'a'd'Y'h'X'z'D\cbY'DUggk cfx'6fYU\_Yf'k' ]''gUj'Y'U'V' ]bUfm'Ui'h'Yb]h]W]h]cb'hc'\_Yb'hc'VmdUgg'  
a'Ubi'U'Ui'h'Yb]h]W]h]cb'Zcf'gi'VgYei'Yb'h'gYgg]cbg"

Bch'Y'Uh'h' ]g'h'a'Yz' [A \]W'fc'g'Z'@\] Y'UW'Ve'i'bh'g'h'Uh'i'gY'h'k'ci'ZUW'cf'Ui'h'Yb\]h\]W\]h\]cb'](#) 'UfY'bc'h]gi ddcfhYX"

5W'V'gg]b[ ]7'ci X'k' ]h'ci'h'@] ]b'UbX'dUggk cfx'

=Z'h'Y'i'gYf]W'5dd'Y' =8'UbX'dUggk cfx'UfY'bc'h]Uj'U'UV'Yz'9'Vea gcZiD\cbY'6fYU\_Yf'WU'b'i'gY'U'V' ]bUfm'Ui'h'Yb]h]W]h]cb'hc'\_Yb'W'YU'h'YX'  
Vm'5dd'Y' ]7'ci X'7cb'f'c''DUB'Y'' ]b'cfXYf'hc''c[ ]b'hc' ]7'ci X'UbX'fYhf]Yj Y' ]bZcfa'Uh]cb''H\Y'i'gY'cZ'U'i'h'Yb]h]W]h]cb'hc'\_Ybg'U'ck'g'  
VmdUgg]b[ 'h'k'ci'ZUW'cf'Ui'h'Yb]h]W]h]cb'Y'Yb' ]Z'bc'UW'V'gg'hc'h'Y'gYV'Ve'bXUfm'Ui'h'Yb]h]W]h]cb'ZUW'cf' ]g'Uj'U'UV'Y"

H\Y':cfYbg]WYX' ]h]cb'cZ'9'Vea gcZiD\cbY'6fYU\_Yf'Ve'a'Yg'k' ]h'h'Y'UV' ]h'm'hc'UW'ei ]fY'UbX'i'gY'Ui'h'Yb]h]W]h]cb'hc'\_Ybg'Z'ca'  
K' ]bXck'g'UbX'A'UW'CG'L'Ve'a'di'hYf'g'z'U'fX'Xf] ]Yg'cf'ZcfYbg]WX]g\_' ]a'U' ]Yg''5i'h'Yb]h]W]h]cb'hc'\_Ybg'Zcf'U''i'gYf'g'cZ'h'Uh'Ve'a'di'hYf'  
WU'b'VY'YI'hfUW'V'Xz' ]bW' X]b[ 'Xca'U]b'i'gYf'g'fd'f'g' ]X]b[ 'h'Uh'h'Y'f'g'mgh'Y'a''c'cb'dUggk cfx'g'UfY'\_bck'bt''H\Y'hc'c'g'UfY'Uj'U'UV'Y' ]b'  
Vch'K' ]bXck'g'UbX'A'UW'Yf'g]cbg'cZ'h'Y'hc''"

5i'h'Yb]h]W]h]cb'hc'\_Ybg'UfY'c'VHU]bYX'Z'ca'h'Y'gi'gd'YV'Ve'Ve'a'di'hYf'cb'k'\V\ ]7'ci X'7cb'f'c''DUB'Y'' ]g' ]bghU'YX''-b'cfXYf'Zcf'h'Y'  
hc'\_Yb'hc'VY'W'YU'h'YXz'h'Y'i'gYf'a'ig'h'U'j'Y'VY'Yb''c[ [ ]YX' ]b'hc' ]7'ci X'7cb'f'c''DUB'Y'' ]b'hc'h'Uh'D7'Uh'h'Y'h'a'Y'cZ'UW'ei ]g]h]cb''  
5i'h'Yb]h]W]h]cb'hc'\_Ybg'WU'b'VY'YI'hfUW'V'X'Z'ca'' ]j'Y'g'mgh'Y'a'g'fU'fi'bb]b[ 'A'UW'CG'cf'K' ]bXck'g'D7' ]b'cf'fYhf]Yj'YX'Z'ca' ]i'gYf'g'd'UfX'  
Xf] ]Yg'cf'ZcfYbg]WX]g\_' ]a'U' ]Yg''"

]7'ci X'7cb'f'c''DUB'Y'' ]g'Ub' ]bhY' ]fU''d'Uf'h'cZA'UW'CG'g'mgh'Y'a'g'z'UbX' ]bghU''g'gYd'Uf'U'h'Y'm'cb'K' ]bXck'g'D7g''A'cg'hi'gYf'g'k' ]''ghU'm'  
c' [ [ ]YX' ]b'hc'h'Y'f' ]7'ci X'7cb'f'c''DUB'Y'' ]Zcf'g'nb'W]b[ 'Ve'b' ]UW'V'g'z'dUggk cfx'g'f]7'ci X'?Ym'V\U]b'ez'bc'h'Y'g'z'd'c'hc'gh'fY'Ua' ]UbX'ch'Y'f'  
h'm'd'Yg'cZ'XUH'k' ]h'ci'h'fY' ]h'm'd]b[ 'h'Y'f'dUggk cfx''5''h' ]g'a'Y'Ubg'h'Uh'h'Y'd'f'c'VUV' ]h'm'c'Z'c'VHU]b]b[ 'Ui'h'Yb]h]W]h]cb'hc'\_Ybg'Z'ca' ]D7g'  
k' ]h' ]7'ci X'7cb'f'c''DUB'Y'' ]bghU'YX' ]g'\ ]\ "

!7'ci X'Z'Yg'

-b UXX]h]cb' hc ]7'ci X'VUW\_i dgz 9'Vea gcZnD\cbY'6fYU\_Yf'WUW' Xck b'cUX'Z]Yg'ghcFYX' ]b'h\Y'i'gYfEg ]7'ci X'UWV'ci bh'gi'W' Ug XcW'a Ybh'g'cf'gdFYUXg\YYhgZ'Udd' ]WU]cb]gdYVZ]WU]U]k \Uhg5dd'VUW\_i dgz %DUggk cFX'XUHUVUgYz'DUggVcc\_'XUHJ'YHW' BchY'h\Uh h\YfY' ]g'bc'Ya U]''bch]Z]WU]h]cb'gYbhVm5dd'Y'k \Yb'Xck b'cUX]b[ 'Z]Yg'Z'ca ]7'ci X''6ch\''c'X'' ]7'ci X'UWV'ci bh'g'UbX' ]7'ci X'8f] ]Y UWV'ci bh'g'UFY'gi ddcfHYX''

BchY. 'cb'K ]bXck gZ'Xck b'cUX]b[ 'Z]Yg'Z'ca ]7'ci X'8f] ]Y YfEi ]fYg' ]7'ci X'7cbhf'c'DUbY''hc'VY' ]bghU''YX''Cb'A UVC'G'L'Z' ]7'ci X'7cbhf'c'DUbY'' ]g'U'dUfh'c'Z'h\Y'cdYFU]h]b[ 'grghYa z'Vi'h ]7'ci X'8f] ]Y'gi ddcfh'g'Uj U]UV'Y'cb'CG'L'j Yfg]cb' %\$'%\$'fV'gYa ]hY'c'b'nZ' UbX'XcYg'bch'k cf\_'k ]h' %\$'%\$'("fUbX'%\$'%\$") 'VYHJ'c'nYH''

I b'cW\_5dd'Y'UbX'6'UW\_6Yffm6UW\_i dg'

H\Y'bYk 'hcc''fYV'ej Yfg'h\Y'cf][ ]bU''d'U]b]hY] h'dUggk cFXg'dfchYV]b[ 'YbW'ndhYX'VUW\_i dg'Z'f'5dd'Y'UbX'6'UW\_6YffmXY] ]W'g fFi bb]b[ '6'UW\_6Yffm+'CG'cf'YUF'YfL''H\Y'VUW\_i dg'V'cb]U]b' UXXfYgg'Vcc\_gz'WU''c[ ]gz'GA'G'UFW' ]Ygz'W'YbXUfg'UbX'ch\Yf cf[ ]b]nYf'XUHJ'Z'W'a YFU'gbUdg\chgZ'j c]W'a U]''UbX'Ya U]''UWV'ci bh'g'YH]b[ ]gz'Udd' ]WU]cb]gZ'K'YV'V'f'c'g]b[ '\ ]ghc'fm'UbX'VUW'Y''

BchY. 'h' ]g'Z'YU]i'fY' ]g'Uj U]UV'Y' ]b'K' ]bXck'g'j'Yfg]cb'cb'm''

8YV'ndh'6'UW\_6Yffm%'\$'6UW\_i dg'

@WU''VUW\_i dg'dfcXi'WX'Vm'6'UW\_6Yffm@]b\_'UFY'U'k'Um'g'YbW'ndhYX'k' ]h'U' ][\ 'm'igYV'fY'\UF'X'k'UFY' ]gdYVZ]WYb'W'ndh]cb'\_YnZ' YZYV]W] ]Y'mdfY'Yb]h]b[ 'Z'cfYbg]WU]b'U'm]h'c'g'Z'ca' 'dfc'W'gg]b[ '6'UW\_6Yffm%'\$'XUHJ''5g'Y'Yb'h\Y'cf][ ]bU''i'gY'\Ug'bc'V'cbhf'c''c]Yf h\Y'dUggk cFX'dfchYV]b[ 'h\Y'gY'VUW\_i dgz'h\Y'cb'm'dcgg]V'Y'k'Um'c'Z'i'g]b[ 'h\Y'gY'VUW\_i dg'k'Ug'fY'ghc'f]b[ 'h\Y'a'cb'hc'U'6'UW\_6Yffm XY] ]W'k' ]h' h\Y'g]a'Y'6'UW\_6Yffm-8'z'a'U\_]b[ 'Z'cfYbg]WU]b'U'm]g]c'Z'h\Y'gY'VUW\_i dg'Yi'fY'a'Y'm'W'a'VYfgca'Y''

9'Vea gcZnD\cbY'6fYU\_Yf'WUW'Y'ZZYV]W] ]Y'm'XYV'ndh'6'UW\_6Yffm%'\$'VUW\_i dg'dfcXi'WX'k' ]h'6'UW\_6Yffm@]b\_' ]Z'h\Y'i'gYfEg' 6'UW\_6Yffm-8'UbX'dUggk cFX'UFY'\_bck'b''

GY'YV]W] ]Y'5VW'gg'hc' ]7'ci X'6UW\_i dg'

8ck b'cUX]b[ 'U''UF[ 'Y'VUW\_i d'Z'cf'h\Y'j'Yfm'Z]fgh]h'a'Y'WU]b'd'chYb]h'U'm'hU'Y'\ci'fg''Gi'VgYei'Yb]h'i'dXUH'g'UFY' ]b'W'Ya'Yb]h'Z'UbX'c'WV'f'a' ]W'Z]ghYf''Z'gdYXX' ]g'YggYb]h]U'z'9'Vea gcZnD\cbY'6fYU\_Yf'c'Z'Z'Yfg'h\Y'UV'] ]m'hc'ei' ]V'\_m'UW'ei' ]fY'gY'V'W] ]b'Z'ca'U]h]cb'UbX'g'\_d'XUHJ'h\Uhg' ]h'\_ ]b[ 'h\Y'cb[ ]Ygh'hc'Xck b'cUX'f]g]W'Ug'a' ]g]WU]b'X' ]X'YcgL''-b'Z'ca'U]h]cb'gi'W'Ug'a'YggU[ ]Ygz'U]h'U]W'a'Ybhgz'd\cbY'g'YH]b[ ]gz'WU''c[ ]gz'UXXfYgg'Vcc\_gz'bch'gZ'W'Yb'XUfgz'Ya U]''UWV'ci bh'g'YH]b[ ]gz'WU'a'YFU'f'c'z'UbX'a'U]b'm'ch'Yf'd' ]YV'g'c'Z' ]b'Z'ca'U]h]cb'WU]b'VY'dFY' ]g'YV'W'YX'UbX'Xck b'cUX'YX' ]b' 'i'g]h'a' ]bi'h'gZ'd'f'c] ]X]b[ ' ]b]Y'g]h[ ]U'hc'f'g'k' ]h' 'b'YUf'fYU' ]h]a'Y'U'W'V'gg'hc'Y'ggYb]h]U' ]b'Z'ca'U]h]cb''

DYfZ'ca' ]9b\UbW'X': cfYbg]W5bU'm]g]c' ]CG:'(Z'8Y' ]W'g'

9'Vea GcZn'c'Z'Z'Yfg'h\Y'Vea d'YH' 'hcc'\_ ]h'Z'cf'dYfZ'ca' ]b[ 'Z'cfYbg]WU]b'U'm]g]c'Z'Yb'W'ndhYX'i'gYf'XUHJ'ghc'fYX' ]b'W'f]h]U]b[ ]D\cbY#]DUX#]DcX'XY' ]W'g' 'H\Y' 'hcc'\_ ]h'U''ck'g'Y' ] ]V'Y'W'ghca'Yfg'UW'ei' ]f]b[ 'V]h'hc'!V]h' ]a'U[ ]Y'g'c'Z'XY' ]W'g'Z]Y'grghYa'gZ'Yi'f'U]W]b[ ]d\cbY'g'YV'Y'g'f]d'Ugg'V'c'X'Y'gZ'U'g'z'UbX'Yb'W'ndh]cb'\_Y'm'g'UbX'XYV'ndh]b[ 'h\Y'Z]Y'grghYa'Xi'a'd''5VW'gg'hc'a'cgh' ]b'Z'ca'U]h]cb' ]g'd'f'c] ]XYX' ]b'fYU'!h]a'Y''-b'UXX]h]cb'hc'9'Vea gcZnD\cbY'6fYU\_Yf'z'h\Y' 'hcc'\_ ]h' ]b'W'XY'g'h\Y'UV'] ]m'hc'XYV'ndh' ]a'U[ ]Y'g'c'Z'XY' ]W'g'Z]Y'grghYa'gZ'U'g'k'Y''U'g'U'Z'FY' 'hcc'\_ ]h'U]h'WU]b'Yi'f'U]W]h\Y'Yb'W'ndhYX'Z]Y'grghYa' ]ci'h'c'Z'h\Y'XY' ]W' ]b'f'Uk'Z'ca''A'cfY' ]b'Z'ca'U]h]cb' ]g'Uj U]UV'Y'cb'U'XYX]WU]h'X'k'YV'dU]Y''

: YU]i'fYg'UbX'6YbYZ]hg'

- ; ]b'U'W'V'gg'hc' ]b'Z'ca'U]h]cb'ghc'fYX' ]b'dUggk cFX' ]dfchYV]W] ]D\cbYz' ]DUXz' ]DcX' ]Hci'W'UbX'6'UW\_VYffmVUW\_i dg'
- 8YV'ndh' ]D\cbY'UbX'6'UW\_6YffmVUW\_i dg'k' ]h' '\_bck'b'dUggk cFXg'
- 8YV'ndh'6'UW\_6Yffm%'\$'VUW\_i dg'k' ]h' '\_bck'b'6'UW\_6Yffm-8'UbX'dUggk cFX'
- F'YV'ej Yf'dUggk cFX'g'hc'6'UW\_6YffmDUggk cFX'?Y'YdYf'UbX'K'U''Yh'Udd' ]WU]cb]g'
- -b]gh]U]b]h'm'XYV'ndh'6'UW\_6YffmDUggk cFX'?Y'YdYf'Z'cf'6'UW\_6Yffm%'\$'V'cb]U]b]Yfg'
- F'YV'ej Yf'6'UW\_6YffmXY' ]W' dUggk cFX'X' ]O' ]O'
- F'YV'ej Yf'a'UghYf'dUggk cFX'hc'%'DUggk cFX'V'cb]U]b]Yfg'Yi'f'U]W'YX'Z'ca'8'fcdVcl'z'c'WU''UbX'W'ci'X' ]CG'VUW\_i dg'
- F'YUX'UbX'XYV'ndh'\_Ym'W'U]b'XUHJ'f]a'U]''UWV'ci bh'dUggk cFX'gZ'K' ]!:' ]dUggk cFX'gZ'UbX'dUggk cFX'g'm'ci'Yb]h'Yf' ]b'ch'k'YVg]h]Yg'UbX'g'ca'Y'ch'Yf'Udd' ]WU]cb]g'
- G]U'Y'h]a'Y'k' ]h'V'c]h'Y'Z'Z]W'Y'bh': DI'U'W'V'YfU]h]cb'k'\Yb'cbY'cf'gY'YFU''5A'8'cf'BJ'-8-5'j' ]XYc'W'fX'g'UFY' ]b]ghU''YX' ]O' ]O'
- DYfZ'ca' ]UX' ]Ub'W'X'X' ]W]cb'U]f'm'U]h'U]W'g'k' ]h' '\'] [\ 'm'W'ghca' ]n'U'V'Y'dYfa' ]h]h]cb]g'
- DYfZ'ca' ]c'Z] ]b'Y'U]h'U]W'g'k' ]h'ci'h'5dd'Y' ]h'i'bYg'cf'6'UW\_6Yffm8Yg'hc'd'GcZk'UFY' ]b]ghU''YX'
- F'YV'ej Yf'dUggk cFX'g'hc'VUW\_i dg'Z'cf'f][ ]bU''UbX' ]U' ]V'f'c'\_Yb]D]D\cbY'f]U''a'cXY'g'i'd'hc' ]D\cbY''\*UbX''\*D'i'g'Z' ]DUX'f]U'' [YbYfU]h]cb]g' ]b'W' ]DUX' ]a' ]b' ]e'z'UbX' ]DcX' ]Hci'W' ]f]U'' [YbYfU]h]cb]g'c'XY' ]W'g'
- 8ck b'cUX'5dd'Y' ]7'ci X'VUW\_i dg'k' ]h'5dd'Y'-8'UbX'dUggk cFX'z'cf'U'i'h\Yb]h]WU]h]cb'hc'\_Ybg'fbc'\ ]XXYb'Z'Yg' ]m'ci' ]Yh' ]i'b' ]a' ]h'YX'Yi'f'U]W]h]cb]g'k' ]h'ci'h'dU]m]b[ 'U]b'm\_' ]b'X'c'Z'g'i'Vg'W' ]d]h]cb]g'c'f'UXX' ]h]cb'U'Z'Yg' ]e'
- @V'W'Y'UbX'Yi'f'U]W]h]cb'hc'\_Ybg'
- 8ck b'cUX'Yi'f'U'XUHJ'Z'ca'5dd'Y' ]7'ci X'UWV'ci bh'g'f]Z]Yg'Z'ca' ]7'ci X'8f] ]Yz' ]b'W''cbY'g'bch'U'W'V'gg]V'Y'V'mcdYfU]h]b[ ]grghYa' ]e'
- 7ca'dU]h]V'Y'k' ]h'U'' ]j'Yfg]cb]g'c'Z] ]h'i'bYgz' ]CG'f'd'hc'h\Y''U]h'g'h', "( ]e'z'6'UW\_6Yffm@]b\_'UbX'6'UW\_6Yffm8Yg'hc'd'GcZk'UFY'

BchY. 'dUggk cFX'fYV'ej Yfm'Z'YU]i'fY'g'UFY'Uj U]UV'Y' ]b'K' ]bXck'g'j'Yfg]cb'cb'm''

; DI'5VW'YfU]h]cb'

9'Vea GcZn'c'Z'Z'Yfg'U' ][\ 'm'Y'Z]W]Y'bh'z'V'c]h'Y'Z'Z]W]W] ]Y'g'c'i' ]h]cb'hc''Yb[ ]h'm'U]h'U]W'g'V'm'X'f'U'a'U]h]W' ]m' ]b'W'Y'U]g]b[ 'h\Y'gdYXX'c'Z'dUggk cFX'

fYVtYg YfMk \Yb'cbY'cf'a cFY'gi ddcfhYX'j ]XYc'WVfXg'UFY'dfYgYbH'V'Wt'a dUbrm'g'dUHybH'YX'; DI 'UWV'YfUHjcb'fYX'W'g'h'Y'h'a Y fYeI ]fYX'hc'fYVtY'Yf ]D\cbY#]DUX#]DcX'UbX'6'UW\_6YffmVUW'i d'dUgk cfXg'VmcfXYfg'cZ'a U[ ]b]fi XY' 'H\Y'Uhg[ ]YbYfUHjcb'cZ' 9'Vt'a GcZi; DI 'UWV'YfUHjcb'h'W'bc'c[ ]mgi ddcfhg'i b'ja ]hYX'bi a VYfg'cZ'5A'8'cf'BJ'=-8=-5'VcUfXg'gi W'Ug'BJ'=-8=-5' (\$\$#) \$\$#\* \$\$#+\$\$##, \$\$!gYf]Yg'UbX'5A'8') \$\$#\* \$\$#+\$\$##+##-!gYf]Yg''9'Vt'a GcZi; DI 'UWV'YfUHjcb'dfcj ]XYg'hfi Y gi dYfVt'a di hf'dYfZcfa UbV'Uh'Vt'bg'i a Yf'df]W'g"

Hc'a U\_Y'; DI 'UWV'YfUHjcb'Vt'g'h'YZY'W]j YZ'9'Vt'a GcZi]a d'Ya YbH'YX'gi ddcfh'Zc'f'a i 'h'd'Y'X]j YfgY'; DI 'UWV'YfUHjcb'i b]hg'fi bb]b[ ]Uh'h'Y'gUa Y'h]a Y''9ZY'W]j Y'mz'h]g'Vi X[ ]Yh'Z]YbX'mgc'i ]hcb'U'ck'g'a ]i ]b[ ]a i 'h'd'Y' ]YbYfUHjcbg'cZ'Vt'a dUH'V'Y'j ]XYc'WVfXgZ' YI hYbX]b[ ]YI ]gh]b[ ]gmghYa g'VmUXX]b[ ]bYk 'UWV'YfUHjcb'\UfXk UfY' ]bghYUX'cZ'fYd'UW]b[ "

BchY. 'bchUdd']WV'Y'hc' A UWC'G'L'j' Yfg]cb

5Xj UbVWX'5hUW'g'

9'Vt'a gcZiD\cbY'6fYU\_Yf'gi ddcfhg'Ub'UX] UbVWX'X]W]cbUfmUH'UW'k ]h'W'ghca ]nUV'Y'dYfa i H]h]cbg''5W'Vt'fX]b[ ]hc'a i 'h'd'Y' gYV'f]m'fYgYUfW'YgZ'h'Y'a U'cf]hmcZ'i gYfg'W'ccg'Y'a YUb]b[ ]Z'z'X]W]cbUfm'VUgYX'dUgk cfXg'h'U'UfY'YUg]Yf'Zc'f'h'Y'a ]hc' fYa Ya VYf''9'Vt'a gcZiD\cbY'6fYU\_Yf' ]g'UV'Y'hc'fYVtY'Yf'gi W' dUgk cfXg'UbX'h'Y]f'j ]Uf]UHjcbg'ei ]W'm'UbX'YZZ]WYbhm'bc'a UthYf' k \]W' ]Ub[ ]i U[ ]Y'h'Ym'UfY''9'Vt'a gcZiD\cbY'6fYU\_Yf'gi ddcfhg'U'j ]Uf]YhmcZ'dYfa i H]h]cbg'cZ'X]W]cbUfmk cfXgZ'hfmb[ ]\i b'fYXg'cZ' j ]Uf]Uhg'Zc'f'YUW'X]W]cbUfmk cfX'hc'Ybgi fY'h'Y'VYgh'dcgg]V'Y'W'UbW'hc'fYVtY'Yf'h'Y'dUgk cfX"

BchY. 'bchUdd']WV'Y'hc' A UWC'G'L'j' Yfg]cb

9I hfUVh'UbX'8YV'mdh'Ghc'fYX'DUgk cfXg'

-b'5dd'Y']D\cbY'XYj ]W'gZ'dUgk cfXg'hc'Ya U] ]UW'Ve'i bhgZ'K'YV'g]h'YgZ'UbX'W'fH]b'h' ]fX'i dUf'fmgcZ'k UfY'UfY'ghc'fYX'gYV'fY'm]b \_Ym'W]U]bg'h'U'UfY'YbW'mdh'X'k ]h'\UfXk UfY'\_Ymg'i b]ei Y'hc'YUW' ]bX]j ]Xi U'XYj ]W''Df]cf'hc'h'Y'fY'YUg'cZ']C'G'('z'\_Ym'W]U]bg' fYa U]bYX'YbW'mdh'X'k ]h'U'XYj ]W']gdYVZ]W'UfXk UfY'\_Ym'Vi h'k ]h'h'Y'fY'YUg'cZ'5dd'Y']C'G'('z'h'Y'\_Ym'W]U]bg'UfY'ghc'fYX' YbW'mdh'X'cb'm'k ]h'VUW'i d]g'a UghYf'dUgk cfX''9'Vt'a gcZiD\cbY'6fYU\_Yf' ]g'UV'Y'hc' ]bghUbh'm'fYU'X'UbX'XYW'mdh'U''\_Ym'W]U]b XUH] ]bW] X]b[ ]ghc'fYX'dUgk cfXg' ]Z'U'VUW'i d'dUgk cfX' ]g'\_bck'b'cf'fYVtY'YfYX'' ]C'G') #\* ##, 'UfY'gi ddcfhYX'Ug'k'Y''z'cZ'Ve'i fgy''

D'YUg' bchY'h'U'hc'XYW'mdh'h'Y'\_Ym'W]U]b'Z'ca''c'WV'f]H]i bYgk'dUgk cfX!dfchYVWYX'VUW'i dz'mci'cb'm'bYXX'h'Y'dUgk cfX'hc' VUW'i d' ]g'Y'Z''c'f'c'WV'bcbl'YbW'mdh'X'VUW'i dg'UbX'VUW'i dg'Xck'b'c'U'YX'Z'ca' ]7'ci XZ'XYW'mdh]cb'cZ'h'Y'\_Ym'W]U]b' ]g'dcgg]V'Y' ]Z' mci '\Uj'Y'd'ng]W]U'UWV'gg'hc'h'Y'XYj ]W'UbX'gc'W]b[ ]Y'h'h'Y'gdYVZ]WYbW'mdh]cb'\_Ym'f]S',') z'gc'WV'YX'f]gYV'f]m'X'f'Z'ca'h'YfY' fY'' ]i'g]b[ ]9'Vt'a gcZi]C'G':cfYbg]WHcc' ]b'Z'

CZ]bY'6UW'i dg'

9'Vt'a gcZiD\cbY'6fYU\_Yf'XcYg'bchi gY'5dd'Y']Hi bYg'cf'6'UW\_6Yffm8Yg'hd'GcZk UfYz'UbX'XcYg'bch'bYXX'hc'\Uj'Y'h'cgY' d'fcXi W'g' ]bghU''YX''5''dUgk cfX'fYVtY'Yf'f'YmcdYfUHjcbg'UfY'dYfZcfa YX'cZ] ]bY''

DUgk cfX' A UbU] Yfg'

9'Vt'a gcZiD\cbY'6fYU\_Yf'W]b'XYW'mdh'YbW'mdh'X'Ve'bH]b]Yfg'W'YU'YX'V'mdcdi'Uf'dUgk cfX'a UbU] Yfg' ]bW] X]b[ ]6'UW\_6Yffm' DUgk cfX'? YdYf'UbX'K'U''Y'h'Zc'f'6'UW\_6YffmZ'Ug'k'Y''Ug'dUgk cfXZ'U'ck' ]b[ ] ]b] Ygh[ ]U'hc'fg'UWV'gg]b[ ]U''cZ'h'Y'gi gdYV'W'g'ghc'fYX' dUgk cfXg''

5WV'gg'=-bZcfa Uh]cb'Ghc'fYX' ]b'6'UW\_6YffmDUgk cfX'? YdYf'UbX'K'U''Y'h'

5' [ ]fYU'h'XYU'cZ\ ] [ \ 'm] U'i UV'Y' ]bZcfa Uh]cb' ]g'ghc'fYX' ]b'6'UW\_6YffmDUgk cfX'? YdYf'UbX'6'UW\_6YffmK'U''Y'h'Uddg'fd]cf'hc' 6'UW\_6Yffm%\$E''i'gYfg'f'c[ ]b'W'YX'Yb]U'g'k ]h'K'YV'g]h' dUgk cfXg'UfY'\_Ydh]b'6'UW\_6YffmDUgk cfX'? YdYf'hc'dfcj ]XY'a'cV]Y' i'gYfg'k ]h'Z]ghY'f'c[ ]b'YI'dYf]YbW''6'UW\_6YffmK'U''Y'h'ghc'fYg'i'gYfg'iZ]b'UbW] ]bZcfa Uh]cb' ]bW] X]b[ ]W'YX'h'W'fX'bi'a'VYfgZ'V' ]b[ ]UbX'g' ]dd]b[ ]U'X'fY'gg'gZ'c'm' ]m'dc' ]b]hg'bi'a'VYfgZ'YhW'

-bZcfa Uh]cb' ]b'6'UW\_6YffmDUgk cfX'? YdYf'UbX'K'U''Y'h'Ug'Ub'YI' hfU''UmYf'cZ'dfc'h'V]cb''H'Y'XUH] ]g'gYV'fY'm'YbW'mdh'X'Z' d'fchYVWYX'k ]h' ]bX]j ]Xi U'a UghYf'dUgk cfXg''9'Vt'a gcZiD\cbY'DUgk cfX'6fYU\_Yf'W]b'ei ]W'm'Q'fYVtY'Yf'h'Y'a UghYf'dUgk cfXgZ' UbX'i'b'c'W'U'WV'gg'hc'i'gYfg'g'dUgk cfXg'UbX'Z]b'UbW] ]bZcfa Uh]cb'ghc'fYX' ]b'DUgk cfX'? YdYf'UbX'K'U''Y'h'Uddg''

=bghUbh'8YV'mdh]cb'cZ'6'UW\_6YffmDUgk cfX'? YdYf'f]6'UW\_6Yffm%\$E'

DfYj ]ci'g'j'Yfg]cbg'cZ'6'UW\_6YffmDUgk cfX'? YdYf'i'gYX'U'i'gYf]gdYVZ]YX'a UghYf'dUgk cfX'hc'dfchYVh'h'Y'dUgk cfX'Ve'bH]b]Yf'' F'YV'bh]j'Yfg]cbg'cZ'6'UW\_6YffmDUgk cfX'? YdYf'Ya'd'cm'Ub'Yg'W'ck'\_Ym'hc'UW' ]Yj'Y'h'Y'gUa'Y''9'Vt'a gcZiD\cbY'6fYU\_Yf'W]b' YI' hfUV'h'Y'Yg'W'ck'\_Ym'UbX' ]bghUbh'm'XYW'mdh'6'UW\_6YffmDUgk cfX'? YdYf'Ve'bH]b]Yfg'YI' hfUV'YX'Z'ca'6'UW\_6Yffm%\$'VUW'i dg''

BchY. '6'UW\_6Yffm%\$'VUW'i dg'h'Ya gY'j'Yg'UfY'U'gc'dfchYVWYX'UbX'a i'gh'VY'XYW'mdh'X'k ]h'9'Vt'a gcZiD\cbY'6fYU\_Yf'df]cf'hc' hUf' ]Yh]b[ ]6'UW\_6YffmDUgk cfX'? YdYf''

%DUgk cfX

%DUgk cfX' ]g'U'dcdi'Uf'W'cgg]d'Uh'Zcfa' dUgk cfX'a UbU] Yf'Uj'U]UV'Y'Zc'f' A UWC'G'L'z'K' ]bXck'gZ'5bX'f'c'X'UbX' ]C'G''%DUgk cfX' Ve'bH]b]Yfg'UfY'dfchYVWYX'k ]h'U'i'gYf]XYZ]bYX'a UghYf'dUgk cfX''9'Vt'a gcZiD\cbY'6fYU\_Yf'W]b'U'U'W]a UghYf'dUgk cfXg'UbX' XYW'mdh'%DUgk cfX'Ve'bH]b]Yfg'fYf]Y'YX'Z'ca'8'fcdVcl'z' ]Hi bYg'cZ' ]7'ci'X'VUW'i dg''

