

5 b hf]hhgVYgi W\ XYg Vf]h]gW\ Yb J YfhY]X][i b[ga]b]ghYfg < YU`Ym`]b '6Yf`]b

8 Yf'Vf]h]gWX Y'J YfhY]X][ib[ga]b]ghYf'< YU`Ym'VYgi WX h'6Yf`]bžia 'X]Y'B5HC!NigUaa YbUfVY]h'a]h'8 YihgWX`UbX'nighÀf_Yb"

8 Yf'bYi Y'Vf]h]gW\Y'J YfhY]X][ib[ga]b]ghYf'< YU`Ym'\Uh'6Yf`]b VYgi W\hžia 'X]Y'a]`]hÀf]gW\Y'NigUa a YbUfVY]h'a]h'8 Yi hgW\`UbX ni 'j Yfh]YZYb"

&("\$+"&\$&(

JYfh]YZi b['XYf'B5HC!DUfhbYfgWXUZh']a : c_i g

± Y]bYa 'VYXYi hYbXYb'GW\f]hh'ni f'GhÀf_i b['XYf hfUbgUh'Ubh]gW\Yb'6Yn]Y\i b[Yb'fY]ghY'XYf'bYi Y'Vf]h]gW\Y JYfhY]X][i b[ga]b]ghYf'< YU`Ym'\Yi hY'bUW\'6Yf`]b"'8]YgYf 5bhf]hhgVYgi W\']gh'b]W\h'bi f'Y]bY'X]d`ca Uh]gW\Y'; YghYž'gcbXYfb Ui W\'Y]b'NY]W\Yb'ZØf'X]Y'Ub\U`hYbXY'JYfdZ]W\hi b['VY]XYf'@ÀbXYf ni f'a]`]hÀf]gW\Yb'?ccdYfUh]cb']bbYf\U`V'XYf'B5HC"'< YU`Ymž A]h[`]YX'XYf'@UVci f!FY[]Yfi b['j cb'DfYa]Yfa]b]ghYf'GhUfa Yfž Vf]b[h'Zf]gW\Y'DYfgdY_h]j Yb']b'X]Y'; YgdfÀW\Y"

6Y[fØ» i b['a]h'a]`]hÀf]gW\Yb'9\fYb

8 Yf'A]b]ghYf'k i fXY'j cb'gY]bYa 'XYi hgWXYb'5a hg_c``Y[Ybž'6cf]g D]ghcf]i g'j cb'XYf'GD8ž']a '\]ghcf]gWXYb'6YbX`YfV`cW_'Ya dZUb[Yb" 8]YgYg'; YVÀi XY']gh'b]WXh'bi f'Y]b'Cfh'ZØf'a]`]hÀf]gWXY NYfYa cb]Ybž'gcbXYfb'Ui WX'Y]b'Gma Vc``XYi hgWXYf'JYfhY]X][i b[g!i bX'G]WXYf\Y]hgdc`]h]_"'8]Y'6Y[fØ»i b['a]h'a]`]hÀf]gWXYb'9\fYb

 $\label{eq:continuous} i \ bhYfghfY]WAh'X]Y'6YXYi \ hi \ b[\ 'XYg'HfYZZYbg'i \ bX'X]Y'K \ YfhgWAhni \ b[\ XYf'V]`UhYfU`Yb'6Yn]Y\ i \ b[\ Yb''$

5 i ghUi gWX ØVYf G]WXYf\Y]hgghfUhY[]Yb

a 'A]hhY`di b_h`XYg`HfYZZYbg`ghY\h`XYf`5i ghUi gWX`ØVYf`ni _ØbZh][YG]WXYf\Y]hgghfUhY[]Yb`i bX`X]Y`A Ò[`]WX_Y]hž`X]Y`a]`]hÀf]gWXYNi gUa a YbUfVY]h`Ui gni VUi Yb"'<YU`Ym`\Uh`YI dfYgg]j `XYb`K i bgWX[YÀi »Yfhž`X]Y`6Yn]Y\i b[Yb`ni f`6i bXYgfY[]Yfi b[`ni 'j YfVYggYfbž i a 'Y]bY`ghUV]`YfY`i bX`g]WXYfYfY`FY[]cb`ni 'ZÒfXYfb"'6Y]XY`@ÀbXYfg]bX`g]WX`VYk i gghž`XUgg`[Ya Y]bgUa Y`5bghfYb[i b[Yb`]b`XYfJYfhY]X][i b[gdc`]h]_YbhgWXY]XYbX`g]bXž`i a 'bYi Yb</p>

6YXYi hi b[ZØf]bhYfbUh]cbU`Y 6Yn]Y\i b[Yb

8]YgYf'6Ygi WX'j cb'<YU`Ym'_ca a h'ni 'Y]bYf'NY]hž']b'XYf'X]Y
[Ycdc`]h]gWXYb'GdUbbi b[Yb'k Y`hk Y]h'ni bY\a Yb"'8]Y

JYfV]bXi b[Yb'nk]gWXYb'8Yi hgWX`UbX'i bX'; fc» Vf]hUbb]Yb'g]bX

ZØf'X]Y'GhUV]`]hÀh']b'9i fcdU'j cb']a a YbgYf'6YXYi hi b[ž'i bX'Y]bY

Yb[Y'a]`]hÀf]gWXY'?ccdYfUh]cb'_ObbhY'U`g'AcXY``'ZØf'UbXYfY

B5HC!GhUUhYb'X]YbYb"'<YU`Ymg'6Ygi WX'nY][h'b]WXh'bi f'Y]bYb

adi `g']b'XYb'V]`UhYfU`Yb'6Yn]Y\i b[Ybž'gcbXYfb'Ui WX'Y]bYb

dfcU_h]j Yb'5bgUhn'ni f'GhÀf_i b['XYf'B5HC!5``]UbnYb']b'Y]bYf

i b[Yk]ggYb'[`cVU`Yb'G]WXYf\Y]hg`UbXgWXUZh"

² ZZY bh`]WX Y GhY``i b[bU\a Yb]a 5bgWX `i gg

BUWWYD; YgdfÀWWYb k YfXYb g]WW < YU Ymi bX D]ghcf]i g XYb fU[Yb XYf DfYggY ghY Yb " <]YfVY] Yfk UfhYb 6Yc VUWW hYf ? UfghY Yi b[Yb ni XYb VYgdfc WWYbYb H\Ya Yb ii bX Y]bYb 5i gV]W_Ui Z ni _ØbZh][Y [Ya Y]bgUa Y J cf\UVYb " 8 Ug 'ÒZZYbh]WW Y = bhYfYggY Ub X]YgYa 'HfYZZYb]gh [fc » ž XU X]Y 6 Øf[Yf gck c\ Y]b 8 Yi hgWW YUb X U `g `Ui WW]b ; fc » Vf]hUbb]Yb Y]bYb _ `UfYb ? i fg]b XYf J YfhY]X][i b[gdc `]h]_ Yfk UfhYb" < YU `Ymg FY]gY ghY\h `gca]h `b]WW h bi f ZØf Y]bY bYi Y 'dc `]h]gWW Y F]WW hi b[ž gcb XYfb 'Ui WW ZØf X]Y < c ZZbi b['Ui Z Y ZZY _h]j YfY]b hYfb Uh]c bU `Y `Ni gUa a YbUfVY]h `]a

6YfY]W\"XYf"JYfhY]X][ib["

B 5;

8YhU]`g

6Ygi WXYb G]Y i bg Ui Z a Y]b!VYf`]b bYh