



MUSC4103

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HYfa `C bY` `#`&\$&%

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B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
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D\cbY. f\$&Ł-' ,) '(,) *

9a Uj]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [k k k "Ufng"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc`cZHY'5frg`UbX'A YX]U`k ci `X`_Y`hc`F YgdYWw`m5W_bck`YX[Y`hY`HfUX]hcbU`7i ghcX]Ubgž
hY'6YXY[U`fP`Ybg]b[hcb`WJa di gŁž; UX][U`f7]mUbX'5fhi' 8Yg][b'7 Ua di gYgŁ`UbX'hY'B [i bbUk U`
dYcd`Y`f5i gfhU]Ub'8YZ'bvW': cfW'5WUXYa m]b'7 UbVYffUŁcZHY`UbXg'k \YfY YUW`WJa di g'cZI`BGK`]g
`cW]hYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bhg '*`

Wobgi 'hucb'k jh 'hY'YWh fYf'

; fci d'k cf_#dfYgYbhUjcbž&\$'a]bi hYgžj YfVU`ZYXVUW_žhi fb]hb'ZYXVUW_

5XX]h]cbU`XYhU]`g.

Gh XYbŕg'k]`VY'a Uf_YX']bX]j]Xi U`m'; fci d'k cf_k]`hU_Y'hY'žcfa 'cZYVUH`"DchYbh]U`XYVUH`'hcd]Wg'hc
WkccgY`žca .

%" ? ge[U ebVS] e Xad[feWX
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' " ? ge[U eZagV SbbVS^fa fZW_ SeeWé
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Hi fb]hb'gYh]b[. H\]g'Ugg][ba Ybh]g'gi Va]hYX'hfci [\ 'Hi fb]hb'UbX'ghi XYbŕg'Xc' bchgYY'Hi fb]hb
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5ggYgga Ybh' . A U'cf'dfc'YVh

GHUfhXUH. Bch5dd]WVY

@Yb[h. '&) \$\$'k cfXg'fbch]bWi X]b['fYZfYbW'g'UbX'V]V]c[fUd\mž

8YhU]`g.

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5XX]h]cbU`XYhU]`g.

Gh XYbŕg'k]`VY'Ug_YX'hc'W]h]W`mYb[U[Y'k]h'gYhfYUX]b[g'Wca d'Ya YbhYX'VmFYUX]b[g'UbX'a i g]WU'
YI Ua d'Yg'cZhY]f'Wk]W`"8YhU]`g'k]`VY'dfcj]YX'Vmik YY_&'cZh'fa "

Hi fb]hb'gYh]b[. H\]g'Ugg][ba Ybh]g'gi Va]hYX'hfci [\ 'Hi fb]hb'UbX'ghi XYbŕg'Xc' bchgYY'Hi fb]hb
g]a]Uf]mfYdcfŕg"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

A UbXUhc fmfYUX]b[g`UfY`cf[Ub]gYX`Vmk YY_`UbX`UfY`dfcj]XYX`cb`hY`Wci fgY`g`A ccX`Y`dU[Y`Ug`U`dXZ XcW`a Yb`h`cf`a UXY`Uj U]UV`Y`j]U`U`b_`"5W`W`gg`hc`HUfi g_]b`g` : [efack aXI` WefWd` ? ge[U]g`fYWca`a YbXYX/ h.]g`hY`h]g`Uj U]UV`Y`Zcf`ZY`Ug`Ub`9!Vcc_`j]U`hY`I` BGK` @]VfUfmk YVg]hY`"< UfX`Wcd]Yg`cZYUW`j`ci`a`Y UfY`U`gc`Uj U]UV`Y`Zca`h`Y`"]VfUfn`

5W`W`gg`hc` : UV]Ubfg`3 ? ge[Ua`aYk`aXBW`ad`S`UWk`]"`VY`fYei`]fYX`Xi`f]b[`hY`Z]fgh(`k`YY`g`"H\]g`]g Uj U]UV`Y`cdYb`UW`W`gg`Zca`.\`h`d`g`#`k`k`"cdYbVcc`_di`V`]g`Yfg`"Wca`#dfcXi`W#`(`*`"

5`]"ghcZUi`X]c`YI`Ua`d`Yg`UfY`dfcj]XYX`YUW`k`YY`_/`U`"k`cf`_g`UfY`Uj U]UV`Y`j]U`Wca`a`YfW]U`g`hY`Ua`]b[`Z BU`l`cg`cb`]bY`zcf`Mci`Hi`VY`"

F YWca`a`YbXYX`F Ygci fWg

7ci fgY`9j`U`i`Uh]cb`UbX`8Yj`Y`cda`Ybh

H\Y`Wci`fgY`\Ug`VYYb`fY]]gYX`gY]`YfU`h]a`Yg`Xi`f]b[`hY`dUghZYk`mYUfg`hc`UW`Wca`a`cXU`h`hY`YI`dYfh]gY`cZ X]ZYfYbh`hUW]b[`ghUZZ`UbX`fYgdc`bX`hc`ghi`XYbhZYXVUW`":`YYXVUW`_]g`_YYb`mfYei`YghYX`hc`U`ck`Z`fhYf`Z]bY`h`b]b[`UbX`]a`dfcj`Ya`Yb]g`]b`Z`h`fY`mYUfg`":`cfa`U`a`m9!`dYf]YbW`Yj`U`i`Uh]cbg`k`]"`VY`i`gYX`Uh`hY`YbX`cZgYa`YghYf`Vi`hgh`XYb]g`UfY`YbWci`fU[`YX`hc`dfcj`]XY`ZYXVUW`h`fci`[` \ci`h`hY`gYa`YghYf`cb`Wci`fgY`Wcb`hYbh`UbX`Ugg][`ba`Yb]g`Ug`k`Y`"Ug`hY`dUW]b[`cZ`hY`Wci`fgY`Z]hYf`ZUW`hc`ZUW`cf`hc`X"ZUV]Ub4`i`bgk`"YXi`"Ui`"5`ZYXVUW`k`]"`VY`X]gW`ggYX`Ua`cb[`a`i`g]WghUZZ`UbX`hY`YW`h`fYf`k`]"`k`cf`_`WcgY`mhc`a`cb]hc`f`gh`XYbhdfc[`fYgg`UbX`YUfb]b[`bYYXg`"7ci`fgY`Wcb`hY`b]h`a`cXY`cZY`]"`Yfm]UbX`Ugg][`ba`Yb]g`WXYXi`Y`a`UmU`"VY`UX`g`hYX`]b`Z`h`fY`mYUfg`]Z]h`WUj`VY`YghUV`]g`YX`h`Uhgi`W`W`Uj`Yg`k`ci`X`Z`ghYf`XYYdYf`YUfb]b[`UbX`VY`hYf`ci`h`Wca`Y`Zcf`U`"gh`XYb]g`"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

Hifp]h]bGi Va]gg]cb

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`cfXg`cf`]XYUg`cZc`h`Yfg`UbX`d`fYgYbh]b[`h`Ya`Ug`mci`f`ck`b``#WUb`hU`_`Y`a`Ubm`
Zcfa`gZ`Zca`X`Y`]VYfU`h`V`X`Y`U`h]b[`h`c`U`W`Y`X`Y`b`h`m`i`W`c`d`m]b[`Z`ca`U`g`ci`f`W`k`]h`ci`h`U`W`_`b`c`k`Y`X[`Y`a`Y`b`h`

I`B`G`K` `[`f`ci`d`g`d`U[]Uf]ga `]b`h`c`h`Y`Z`c`ck`]b[`W`U`h`Y`[`c`f]Y`g.

7`c`d`m]b[`.`i`g]b[`h`Y`g`U`a`Y`c`f`j`Y`f`m`g]a`]U`f`k`c`f`X`g`h`c`h`Y`c`f][`]b`U`h`Y`h`c`f`]X`Y`U`k`]h`ci`h`U`W`_`b`c`k`Y`X[]b[`h`Y`

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ

