



MUSC1708

65 'DYfZcfa UbWV '@UVcfUhc fm5

HYfa 'Hk c''##'&\$&\$

7ci fgY`Cj Yfj]Yk

GHJZZ'7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]UV]]m	@cWJhcb	D\cbY
DUi `A W8Yfa cth	dUi ``a WXYfa cth4 i bgk "YXi "Ui	VmYa U]`	C b`bY	

GW\cc``7cbHJW`bZcfa Uh]cb

GW\cc``cZ`hY`5fmg`UbX`A YX]U

Fcca " %&ž@Y] Y`` žF cVYfhK YVghYf`6i]X]b[`f] %Ł

D\cbY. f\$&Ł- ' ,) '(,) *

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

K YVg]h: [k k k "Ufmg"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc``cZ`hY`5fmg`UbX`A YX]U`k ci `X``_Y`hc`F YgdYWwz ``m5W_bck`YX[Y`hY`HfUX]h]cbU``7i g]cX]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 g]fU]Ub`8YZYbVW : cfW`5WUXYa m]b`7 UbVYffUŁcZ`hY`UbXg`k \YfY`YUW`WJa di g]cZI`BGK`]g
`cWJhYX"

5ggYgga Ybh

⊕HUG_ %žghi XYbŕg'k]VY'a Uf_YX'Ug'U' [fci d"GfUH[]Yg'cZ]bWl g]cbžW!cdYfUH]cbž'UbX'a YhcXg'cZ cb]bY'W"UVcfUH]cb'k]VY'k cf_!g\cddYX"

⊕HUG_ &ž]bŕfŕi a YbHJ]gŕg'UbX'j cWJ]gŕg'k]VY'a Uf_YX'Ug'UVcj Y"

7 ca dcg]h]cb'a U'cŕg'k]VY'a Uf_YX'j]bX]j]Xi U"mXi Y'hc'hY'X]ZYfYbhbUhi fY'cZhY]f'fUg_"

H\Y'ZcW'g'cZhY'UggYgga Ybh]g'cb'hY'WfYUŕj]micZhY'ghi XYbŕg'j]XYUg"⊕]g'i bXYfgŕcX'hUhU"ghi XYbŕg'k]V'Uj Y'j Ufŕ]b['UWfYgg'hc'Y'YWfcb]WUbX'X][]H'hc'c'g'UbX'k]V'bcŕVY'UggYggYX'cb'hY'Ui X]c'ei U']micZ UbmŕfYW'fX]b[g"H\Y'j]XYU'j]g'hc'VY'WfYUŕj Y'k]h'hY'hc'c'g'Uj U]UV'Y'hc'ŕci "

5ggYgga YbhHUG_g'

5ggYgga YbhHUG_	K Y][\h	8i Y'8UHŕ	Gh XYbh@YUfb]b[Ci hW'a Yg'5ggYggYX
9bgYa V'Y'W'cbŕ]Vi h]cb'UbX'dUfH'W'Y'W_]b[']	(\$i	Bch5dd']WV'Y	'
A UghŕfWUgg'W]h]ei Yg'	&\$i	K YY_:%\$	&
DYfZcfa UbW' #dfYgYbH]cbg H&'	(\$i	Bch5dd']WV'Y	%

5ggYgga Ybh8YHJ]g

5ggYgga Ybh% '9bgYa V'Y'W'cbŕ]Vi h]cb'UbX'dUfH'W'Y'W_]b[

GHUfH'XUHŕ. 'Bch5dd']WV'Y

8YHJ]g.

9bgYa V'Y'dUfH'W'Y'W_]b['k]VY'i bXYfHJ_Yb]b'H%žH&'UbX'H' "'⊕X]j]Xi U"mcf]b'ga U" [fci dgžghi XYbŕg'k]dYfZcfa 'k cf_g'cf'YI Wfŕdŕg'cZk cf_gžghi X]YX'UbX'dYfZcfa YX'Xi f]b['hY'f]a Yghŕf"'K \Yf'Uddfcdf]UHŕž YI Wfŕdŕg'k]VY'g'Y'W'X Vm'hY'dUfH'W'Y'W_]b['YI Ua]bYf"

8]fYVhZ'YXVUW_Xi f]b['fY\YUfgU'g'UbX'k cf_g\cdg" Gh XYbŕg'f'W'cbŕ]Vi h]cb'hc'YbgYa V'Y'dYfZcfa UbW'g'UbX'k cf_g\cdg'k]VY'UggYggYX'h'fci [\ 'U'dUfH'W'Y'W_]b['YI Ua]bUŕ]cb"

5ggYgga Ybh&. 'A UghŕfWUgg'W]h]ei Yg'

GHUfH'XUHŕ. 'Bch5dd']WV'Y

@Yb[h.) \$\$

8YHJ]g.

5d[f]cgW'k]VY'gi Va]H'X'UW'cgg'H%žH&'UbX'H' "'H\YgY'k]VY'fY'UH'X'hc'a UghŕfWUggYg'dfYgYbH'X Vm

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

%`9j Yfmh]b[`]g`7 cbbYWYX. `H\Y`Dck Yf`cZA i g]WWm8 Ub]Y`6UfYbVc]a

&``A ch]cbz`9a ch]cbz`UbX`@cj Y. `H\Y`B Uhi fy`cZ5fh]gh]WDYfZcfa UbWY`Vm[H\ca Ug`7Ufgcb`A Uf`](#)

` ``@YhYfg`hc`U`Mci b[`DcYhVmF U]bYf`F]_Y

F YWca a YbXYX`F Ygci fWg

BchUj U]UV`Y

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

Gh XYbhZYXVUW_`k]``VY`Wc``YWYX`Vch`Xi f]b[`WUgg`X]gW`gg]cbg`UbX`h`fci [\ `A m9i dYf]YbWY`gi fj Ymg`H\Y
ZYXVUW_`dfcj]XYX`Vmghi XYbfg`k]``VY`UbU`mgYX`UbX`dfUW]WU`ghYdg`k]``VY`hU`Yb`hc`]bWc`fdcfUfY`h\Y
ZYXVUW_`]bhc`h\Y`gfi Wfi fy`UbX`XY`]j YfmcZH\Y`Wci fgY`]b`gi VgYei YbhmYUfg"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

Hi fb]h]b 'Gi Va]gg]cb

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

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf`]XYUg`cZc`hYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHY`VX`YU]b[`hc`UW]XYbhU`mWc`dm]b[`Zca `U`gci fW`k]h`ci hUW`bck `YX[Ya YbH`

I BGK `[fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`W]hY[cf]Yg.

7 cdm]b[.`i g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hY`hcf`]XYU`k]h`ci hUW`bck `YX[]b[`hY

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'WdhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby`]b'h'Y'I BGK 'Wca a i b]m
- 'cWJh'gYfj]W'g'UbX'j]bZcfa Uh]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh'YgY'UfYUg'k]''VY'ZJa]]Uf'hc'mci ž'ch'Yfg'k]''VY'byk "'; U]b]b['U'gc`]X'i bXYfghUbx]b['cZU''h'Y fY'UH'X'UgdYW'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hhd.##ji V'YW'i \]XYg"'\]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

5 WUXYa]W=Zcfa Uh]cb

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.