



MUSC4705

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HYfa 'C bY''##'&\$%-



7 ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWhi8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]]m	@cWU]cb	D\cbY
GcbmU`@]ZgWk]m	g"]ZgWk]m4 i bgk "YXi "Ui	6mYa U]` Uddc]bha Ybh	K YVghYf`%\$(

GWcc`7cbhUWhi`bZcfa Uh]cb

Fcca "`%&Z`Yj Y`` F cVYfhk YVghYf`6i]X]b[

D\cbY.`f\$&L`-`,`)(,)*

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

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

H\Y`GWcc`cZhY`5fng`UbX`A YX]U`k ci `X`_]Y`hc`F YgdYWwz`m5W_bck`YX[Y`hY`HfUX]h]cbU`7 i g]cX]Ubgz`hY`6YXY[U`fP`Ybg]b[hcb`WUa di gLz; UX][U`f7]mUbX`5fhi`8Yg][b`7 Ua di gYgE`UbX`hY`B [i bbUk U`dYcd`Y`f5i ghfU]Ub`8YZ`bWV : cfW`5WUXYa mi]b`7 UbVYffUk`cZhY`UbXg`k \YfY`YUW`WUa di g`cZI`BGK`]g`cWU]hYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bhg`(`

Gi a a UfmcZ\Y'7ci fgY

Gi VYWh5fYU.'? ge[U BWA_d_ S` UW ? ge[U 5a_ bae[fa` t ? ge[U 7` eW_ T`W BWA_d_ S` UW5gdSfa`

A I G7 (+\$) `DYfZcfa UbW`@UVcfUhcfm8`fA i g]W7fYUhj`Y`DfUW]W`E]g`hY`Zci fh`UbX`Z]bU`DYfZcfa UbW`
@UVcfUhcfmW`ci fgY`Z`f`mci f`A i g]W7fYUhj`Y`DfUW]W`g`fYUa " `Mci `k`j` `W`bgc`]XU`h`h`Y`a `]Yg`h`c`b`Y`g`U`W`X`]Y`j`Y`X`
]b`Y`U`f`

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci Hta Yg'5ggYggYX
9bgYa V`Y`Wcbf]Vi h]cbž dYfZcfa UbWgždUfhWXYW_]b[hYgh	&\$!	Bch5dd`]WUVY	&
A U`cf`dYfZcfa UbW`cf Wta dcg]h]cb`dfc`YWh	*\$!	Bch5dd`]WUVY	%
DYfZcfa UbW`dcfhZc`c`	&\$!	Bch5dd`]WUVY	%

5ggYgga Ybh8YhU]`g

5ggYgga Ybh%`9bgYa V`Y`Wcbf]Vi h]cbždYfZcfa UbWgždUfhWXYW_]b[`hYgh

GHUfhXUH. Bch5dd`]WUVY

8YhU]`g. 9bgYa V`Y`dUfhWXYW_]b[`k]`VY`i bXYfhU_Yb`]b`H%ž`H&`UbX`H' " `Xj]]Xi U`mcf`]b`ga U`[fci dgž gh XYbhg`k]`dYfZcfa `k cf_g`cf`YI Wfdhg`cZk cf_gžgh X]YX`UbX`dYfZcfa YX`Xi f]b[`hY`hf]a YghYf`K `YfY Uddfcdf]UHžYI Wfdhg`k]`VY`gY`YWhX`Vm`h`Y`dUfhWXYW_]b[`YI Ua]bYf`8]fYWhZYXVUW`Xi f]b[`fY`YUfgU`g UbX`k cf_g`cdg`UbX`U`Zcfa U`fYdcfhUhh`Y`WcbW`g]cb`cZ`h`Y`gYgg]cb`" Gh XYbhgfWcbf]Vi h]cb`hc`YbgYa V`Y dYfZcfa UbWg`UbX`k cf_g`cdg`k]`VY`UggYggYX`h`fci [\ `U`dUfhWXYW_]b[`YI Ua]bU]h]cb`"

5ggYgga Ybh&. A U`cf`dYfZcfa UbW`cf`Wta dcg]h]cb`dfc`YWh

GHUfhXUH. Bch5dd`]WUVY

8YhU]`g. `: cf`dYfZcfa UbW`UbX`Wta dcg]h]cb`gh XYbhgž`U`a U`cf`dYfZcfa UbW`k]`VY`i bXYfhU_Yb`]b`H' `cZ

5 HbXUbW F Yei]fYa Ybhg

D`YUgY`bch`hUh`YWh`fY`fYWcfX]b[g`UfY`bchUj`U]UV`Y`Zcf`h]g`Wci`fgY`"Gh`XYbhg`UfY`ghfcb[`mYbWci`fU[`YX`hc`UHbX`U`WUggYg`UbX`WcbhUWh`hY`7`ci`fgY`5i`h`cf]m]h`a`U`_Y`U`h`fbU]j`Y`UffU]b[`Ya`Ybhg`Zcf`WUggYg`a`jggYX"

7 ci fgY`GW`YXi` `Y`

[J`Jk`WUgg`h`a`YhUV`Y`](#)

H]a`YhUV`Y`

8UH	HmdY	7cbhYbh
K`YY`_%`%`:`YVfi`Ufm!`&(` :`YVfi`Ufm	GYa`]bUf	h]fcXi`W]cb`hc`h`Y`Wci`fgY`#`cU`gYh]b[`"
K`YY`_&`&`:`YVfi`Ufm!`" A`UfW	GYa`]bUf	DYfZcfa`UbW`Ug`9I`dYf]YbW`/DYfZcfa`UbW`!A`U`_]b[`/ 9I`dYf]YbW`!8Yg][`b`"A`i`g]WUg`7`c`UVcfU]j`Y` DfUW]W`"
K`YY`_`"`.`(``A`UfW`!`%\$` A`UfW	GYa`]bUf	Dfc`YWh8Yg][`b`-`Wcbghfi`W]b[`c]`YfUfW]b[` WcbWdh`U`VUg]g`Zcf`gh`XYbhg`d`fc`YWhg`"
K`YY`_(`.`%`%A`UfW`!`%+` A`UfW	GYa`]bUf	Dfc`YWh8Yg][`b`-`Wcbghfi`W]b[`c]`YfUfW]b[` WcbWdh`U`VUg]g`Zcf`gh`XYbhg`d`fc`YWhg`"
K`YY`_)`.`%`A`UfW`!`&(` A`UfW	<`ca`Yk`cf_`	H\]g`]g`U`mYUX]b[`k`YY`_fk`]h`bc`WUgg`gW`YXi`YX`" H\]g`k`YY`_U`ck`g`gh`XYbhg`hc`k`cf`_]bh]bg]j`Y`mcb` h`Y]f`dYfZcfa`UbW`UbX`Wca`dcg]h]cb`d`fc`YWh`UbX` dfYdUfY`h`Y]f`Z]fghfYdcfh`
K`YY`_`*`.`&`A`UfW`!`"`.`%` A`UfW		:`]fghfYdcfhXi`Y`" 5i`X]YbW`XYj`Y`cda`Ybha`cXY`g`Z`bX]b[`a`cXY`g`/ dfYgYbU]h]cb`a`cXY`g`Wca`a`i`b]mYb[`U[`Ya`Ybh` a`cXY`g`"
K`YY`_`+`.`%`5df]`!`+`5df]`	GYa`]bUf	K`cf`g`cdd]b[`gh`XYbhdfc`YWhg`]b`XYj`Y`cda`Ybh`
K`YY`_`,``,`5df]`!`%(`5df]`	GYa`]bUf	K`cf`g`cdd]b[`gh`XYbhdfc`YWhg`]b`XYj`Y`cda`Ybh`
K`YY`_`-`.`%`5df]`!`&%` 5df]`	5ggYgga`Ybh	h!WUgg`dfYgYbU]h]cb`UggYgga`Ybhg`VY[`]b`"
K`YY`_`%\$`.`&&`5df]`!`&`,` 5df]`	5ggYgga`Ybh	h!WUgg`dfYgYbU]h]cb`UggYgga`Ybhg`Wcb]bi`Y`"7`Ugg` XYVf]YZ`"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

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zmc i`YbWci bhYf`U`dfcV`Ya`k` \Yb`U`H`Ya` dh]b[`hc`gi Va]hmc i`f`Ugg][ba YbhHfci [\`Hi fb]hbzd`YUgY
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi` ddcfhcb`-` ,`)` " ` ' ` %`c`f`Ya` U`]`H`Ya` `cb`YI`H`f`b`U`H`f`gi` ddcfh4` i` b`g`k` "YXi` "Ui` "Gi` ddcfh
`l`ci`fg`U`f`Y` ,` .`\$\$Ua` -`-%\$.`\$\$da` `cb`k`YY`_`X`U`mg`U`b`X`-` .`\$\$Ua` -`)` .`\$\$da` `cb`k`YY`_`Y`b`X`g`f`l` *`)` `X`U`mg`U`m`Y`U`f`l`" zmc i
U`f`Y`i` b`U`V`Y`hc`gi Va]hmc i`f`Ugg][ba YbhXi`Y`hc`U`Z`U`i`h`k`]H`Hi`fb]hb`mc i`a`U`m`i`U`d`d`m`i`Z`c`f`U`b`YI`H`f`b`g]cbz`Vi`h`mc i
a`i`gh`f`Y`H]b`mc i`f`h]W`Y`h`b`i`a`V`Y`f`Z`c`a` `9I`H`f`b`U`Gi` ddcfhf`U`cb[`k`]H`U`b`m`c`H`Y`f`f`Y`Y`j`U`b`h`X`c`W`a`Y`b`h`g`l`hc
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`hc`gi` ddcfhmc i`f`YI`H`f`b`g]cb`U`d`d`]W`h]cb" zmc i`Ya`U`]`9I`H`f`b`U`Gi` ddcfhmc i`k`]`
U`i`hc`a`U`h]W`U`m`f`Y`W`]j`Y`U`h]W`Y`h`b`i`a`V`Y`f`z`Vi`h]Z`mc i`H`Y`d`l`cb`Y`mc i`k`]`b`Y`Y`X`hc`g`d`Y`W`Z]W`U`m`i`U`g`_`Z`c`f`cb`Y`"
Hi`fb]hb`U`gc`d`f`c`j`]X`Y`g`i`d`X`U`H`Y`g`i`cb`H`Y`]f`g`m`g`h`Y`a` `g`h`U`h`g`c`b`H`k`]H`Y`f`"

; YbYfU`mz`UggYgga YbhHUg_g`a`i`gh`V`Y`gi`Va`]H`Y`X`Y`Y`W`f`cb]W`U`mj`]U`Y`]H`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`
Ugg][ba Ybh`H`b`]b`g`h`U`b`W`g`k` \Y`f`Y`H`L`g`]g`b`c`h`i`d`c`g`g]V`Y`Z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mc i`f`W`ci`fg`Y`g`A`cc`X`Y`g`]H`Y`k`]H`
U`H`f`b`U`h]j`Y`gi`Va`]gg]cb`X`Y`H]g`"

: cf`]b`Z`c`fa`U`h]cb`cb` \c`k`hc`gi Va]hUgg][ba Ybh`g`cb`]b`Y`j`]U`A`cc`X`Y` .` \`h`d`g`#`g`h`X`Y`b`h`i` b`g`k` "YXi` "Ui` #`ack`!
gi Va]hUgg][ba Ybh`a`cc`X`Y`

5 WUXYa]W<c bYghmUbX 'D`U[]Uf]ga

D`U[]Uf]ga]g'i g]b['hY'k cfXg'cf]XYUg'cZchYfg'UbX'dfYgYbh]b['hYa 'Ug'mci f'ck b" #WUbb'U_Y'a Ubm Zcfa gž Zca 'XY'VYfUHY'WXUHy]b['hc'UWVXYbU`mWčdm]b['Zca 'U'gci fW'k]h'ci hUW_bck 'YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga]bhc'hY'Zč`ck]b['WUHY[cf]Yg.

7cdm]b[.i g]b['hY'gUa Y'cf'j Yfmg]a]Uf'k cfXg'hc'hY'cf][]bU`hYI hcf'XYU'k]h'ci hUW_bck 'YX[]b['hY'gci fW'cf'i g]b['ei chU]cb'a Uf_g" 'H\g'U'gc'Udd'Yg'hc']a U[YgžUfhUbX'XYg][b'dfc'YWgžUg'k Y`Ug'dfYgYbhU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[.7 \Ub[]b['U'Zk 'k cfXg'UbX'd\UgYg'k \]Y'a cghmifYU]b]b['hY'cf][]bU'gf'i W'fY'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZhY'cf][]bU'žUbX']bZcfa U]cb'k]h'ci hUW_bck 'YX[Ya Ybh' 'H\g'U'gc'Udd'Yg']b'dfYgYbhU]cbg'k \YfY'gca YcbY'dUfUd\UgYg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'UbX'hc'd]YW]b['hc[YhYf'ei chYg'UbX'dUfUd\UgYg']bhc'U'bYk 'k \c'Yžk]h'ci hUddfcdf]UHY'fYZfYbW]b["

7c`i g]cb.'k cf_]b['k]h'chYfg'Vi hdUgg]b['cZhY'k cf_'Ug'U'dYfgcb'g']bX]j]Xi U'k cf_"7c`i g]cb'U'gc]bWi XYg'dfcj]X]b['mci f'k cf_'hc'UbchYf'gh'XYbhVYZc'fY'hY'Xi Y'XUHYžcf'Zc'f'hY'di fdcgY'cZhYa d`U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZc'fa 'Ub'UWUXYa]WUg_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]žcZYf]b['hc'Wča d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZc'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]h]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bchVYYb'fYUXžk]h'ci hUW_bck 'YX[]b['hY'"gYWčbXUfm' gci fW'Zca 'k \]W'_bck 'YX[Y'cZhYa '\Ug'VYYb'cVU]bYX"

8i d']WU]cb'f'fY'Zd`U[]Uf]ga "L'gi Va]h]b['mci f'ck b'k cf_ž]b'k \c'Y'cf']b'dUfřk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]hYX'Zc'f'UbchYf'UggYgga Ybhcf'Wč' f'gY'Uhi BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZfYbW]b['dfUW]W'g.

- DUfUd\Ug]b[žgi a a Uf]g]b[žYggUmk f]h]b['UbX'h]a Y'a UbU[Ya Ybh

