

MUSC3801

7 fYUhjj Y`Dfc'YWg`]b`DYfZcfa UbWY`UbX`7 ca dcg]hjcb

HYfa "Hk c""#"&\$&\$

7 ci fgY⁻Cj Yfj]Yk

GHJZZ7cbHJWhi8YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
?]a `6i fk Y``	_"Vi fk Y``4 i bgk "YXi "Ui	D`YUgY'Ya U]`Zcf'Ub Uddc]bha Ybh	K YVghYf ⁻ %%\$	

@Y₩i fYfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
8Ua]Ub'6UfVY`Yf		D`YUgY`Ya U]` VUfVY`Yf4 a UVW&a Zcf`Ub`Uddc]bha Ybh		

GWX.cc`7cbHJWhi =bZcfaUh]cb

GWXcc``cZhXY`5fhg`UbX`AYX]U

Fcca '' &&ž@Yj Y``' žFcVYfhK YVghYf6i]`X]b[fl %(Ł

D\cbY.`f\$&Ł`-',)`(,)*

9a U]` <u>gUa 4 i bgk "YXi "Ui</u>

K YVg]hY. K k k "Ufhg"i bgk "YXi "Ui #gUa_

H\Y'GW\cc``cZh\Y'5fhg'UbX'AYX]U'k ci `X``]_Y'hc'FYgdYW2 ``m5W_bck `YX[Y'h\Y'HfUX]h]cbU``7 i ghcX]Ubgž h\Y'6YXY[U``f?Ybg]b[hcb'WJa di głź; UX][U``f7]hm'UbX'5fh/ '8Yg][b'7Ua di gYgŁ'UbX'h\Y'B[i bbUk U` dYcd'Y'f5i ghfU`]Ub'8YZYbW': cfW'5WJXYa m']b'7UbVYffUŁcZh\Y``UbXg'k\YfY'YUW\'WJa di g'cZI_BGK ']g `cWJhYX"

7ci fgY[·]8YHJ]`g

7 fYX]hDc]bhg***

Gi a a UfmcZhXY7ci fgY

GiVYWh5fYU.? ge[U

7cifgY`@YUfb]b[`CihWcaYg

%": cfa i `UhY`gcd\]gh]WUhYX`Ufh]gh]WcVYWAjYg`UbX`fYU`]gY`h\Ya `]b`dYfZcfa UbW &" 5fh]Wi`UhY`Wca d`YI `]XYUg`fY`Yj Ubhhc`h\Y`WcbWYdh`U`]gUh]cb`UbX`fYU`]gUh]cb`cZU`WfYUh]jY`dfcYWh ' " 5dd`mUXj UbWYX`Wc``UVcfUh]cb`UbX``YUXYfg\]d`g_]```UWfcgg`U`j Uf]YhmcZdYfZcfa Uh]jY`WcbhYI hg

HYUW]b[GHfUHY[]Yg

DicfXYfitc XYj Yicdi\][\`Yj YiWebWYdhi U`]gUH]cb'UbXidYfZcfa UbWY'g_]``g'fYei]fYXitc 'gi WWYggZ ``mXYj]gY UbXifYU`]gY'Ub'Ufh]gh]Wdfc YWi]b'di V`]WdYfZcfa UbWY'zghi XYbhg'k]``VY'gi ddcfhYX'Vm' * '\ci fg'cZ]b!WUgg WebHUWi]bWi X]b['a UghYf'WUggYgžk cf_g\cdg'UbX'gYa]bUfg"'H\]g'k]``Ugg]gh]b'fYZ]b]b[']bX]j]Xi U` dYfZcfa UbWY'cf'Wea dcg]h]cb'g_]``gžYb\UbWY'We``UVcfUh]j Y'g_]``g'ZcghYfYX']b'h\Y'DYfZcfa UbWY'@UVcfUhcfm gYei YbWYzZcf[Y'WYUh]j]miUbX'cf][]bU`]micZh\]b_]b[z'UbX'XYj Y'cd'g_]``g']b'XcW a YbHUh]cb'UbX'Ufh]W `Uh]cb cZWea d'YI ']XYUg'UbX'WebWY'dp"

5ggYgga Ybh

5ggYgga Ybh' . A U⁄cf'dfc ⁄YWh

GHUfh'XUHY.

@Yb[h\.'&\$'a]bihYg

8YHJ]`g.

FYei]fYg'h\Y'dfYdUfUh]cb'cZU'dYfZcfa UbWf'dfc'YWfiUhI BGK 'cf']b'Ubch\Yf'Uddfcj YX'j Ybi Y"'H\Y dYfZcfa UbWf'a UmY]h\Yf'VY'gc`c'cf']bj c`j Y'Wc``UVcfUhcfg'Ug'bYWfggUfm'

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

H\Y'Ha]b['Zcf'h]g'dYfZcfaUbWY`]g'U'bca]bU``Z][ifY.'U'dfc[fUaaY`cZ%)!&\$`a]biHYg'k]``VY'YIdYWYXžVih h\]g'k]``VY'bY[ch]UHYX'k]h\'WcifgY'hihcfg'Xif]b['h\Y'HYfaž'UbX'k]``XYdYbX'cb'h\Y'bUhifY'UbX'giVgHUbWY'cZ h\Y'aUHYf]U``dfYgYbHYX"

DYfZcfa UbWYgʻUfYʻYI dYWYX'hcʻHU_YʻdʻUWYʻXi f]b[ʻk YY_`%\$`fVY[]bb]b[ʻ' `5i [i gHžVi hih.]gʻk]``VYʻWcbZjfa YX UbXʻbY[ch]UHYXʻXi f]b[ʻih.YʻHYfa "

5 HrYbXUbWY F Yei]fYa Ybhg

Ghi XYbhgʻUfYʻghfcb[`mʻYbWci fU[YX'hcʻUhhYbX'U```WUggYgʻUbX'fYj]Yk ``YWhi fYʻfYWcfX]b[g"

7 ci fgY GWX YXi `Y

J]Yk WUgg ha YHJV Y

H]a YHJV`Y'

k YY_g'' '/' ("' K YY_i&:, '>i bY'!'% < ca Yk cf_	8 UhY	Hmd Y	7 c bhYbh
fYgci fW/g// 'tcc'g" V" D\8 'fYgYUfW.'jb'a i g]WdYfZcfa UbWY'Ubl]Yfm figUVY''U'A UnnUfc'cE W"-bdi h/: 'X]gW gg]cb.'FZW' SfgdWaXUdWSf[h[fk S` V bWb&d_S` UW X" K_cf_g\cd YI YfW]gY" Y" HUg_gYhZcfk YY_'&ZdfYdUf]b['Zcfk cf_g\cdg]b k YY_g''.', 'si bY'! %& < ca Yk cf_ * <g' td="" w<=""> bY DI V']W\c']XUm XYfU]g'fc 'VY'dfcj]XYX']b'WUgg'fk YY %E'UbX'cb'a ccX'Y" K YY_".'.%) 'si bY'! % < Ca Yk cf_ * <g' td="" w<=""> DI V']W\c']XUm XYfU]g fc 'VY'dfcj]XYX']b'WUgg'fk YY %E'UbX'cb'a ccX'Y" K YY_".'.%) 'si bY'! % C b']bY'5Wf]]m # <g' td="" w<=""> U''-bdi h/' 'X]gW gg]cb'fP 6E'H[egS^SebWUfe aX _ge[US^bW0bad_S' UW V'': fci d'5'k cf_g\cd'fY]b!WUgg'dYfZcfa UbWYg'' W'-bdi h/' 'X]gW gg]cb'fB 6E'F WUZ' [US^SebWUfe aX a' 'f WbW0bad_S' UW X'': fci d'6'k cf_g\cd'fY]b!WUgg'dYfZcfa UbWYg''</g'></g'></g'>	K_YY_`%`%`>i_bY`!`)`>i_bY	Cb`]bY`5W 1 jj]hm	# <g`w< th=""></g`w<>
figUVY**U*A UnnUfc*cE W* ±>di h/**X]gW gg]cb.*FZW* SfgdWaXUdWSf[h[fk S* V bWb8d_S* UW X**K_cf_g\cd*YI YfW]gY* Y**HUg_igYhZcfk YY_*82 dfYdUf]b[*Zcfk cf_g\cdg]b k YY_g*.*, '>i bY*!*% < ca Yk cf_ * <g*w< td=""> bY Di V*]W\c*]XUm*XYHU]g*tc*VY*dfcj [XYX*]b*WUgg*fk YY %*UbX*cb*a ccXY** K YY_** C b*]bY*5Whj]fm #' <g* td="" w<=""> U**bdi h/*X]gW gg]cb*fP 6E*H[egS*SebWUfe aX _ge[US*bW0%ad_S*UW V**; fci d*5 k cf_g\cd*fY_]b!WUgg*dYfZcfa UbWYg* X*; fci d*6 k cf_g\cd*fY_]b!WUgg*dYfZcfa UbWYg*</g*></g*w<>			fYgci fWfg7 'hcc`g"
bWb8d_S`UW X":K cf_g\cd`YI YfVJgY" X":K cf_g\cd`YI YfVJgY" Y":HUg_igYhZcfik YY_i&ZdfYdUf]b[:Zcfik cf_g\cdg`]b k YY_g" '/ ("' K YY_i&:, '>i bY`!'% >i bY Di V']W\cjXUm XYfU]`g`fc`VY`dfcj]XYX`]b`WUgg`fk YY %E'UbX`cb`a ccX`Y" K YY"%) '>i bY`!'% C b`]bY`5Wfj]m #' <g`w< td=""> U":-bdi h/ 'X]gW gg]cb`fP 6E.'H[egS^SebWUfe aX ge[US^bW0%ad_S`UW V":; fci d`5`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbWYg" X"; fci d`6`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbWYg"</g`w<>			0 - 0
K YY''HUg_'gYhZcf'k YY_'&ž'dfYdUf]b['Zcf'k cf_g\cdg']b K YY_''&'' × 'qg`W >i bY Di V']W\c']XUm'XYHJ]'g hc'VY'dfcj]XYX']b'WUgg'fk YY %E'UbX'cb'a ccX'Y'' K YY_'''.'%) '>i bY'!'% C b']bY'5Wfji]m #' <g`w< td=""> U'''-bdi h'/ 'X]gW gg]cb'fP 6E'H[egS^SebWUfe aX ge[US^bW0fad_S`UW V'''; fci d'5'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWYg'' W''-bdi h'/ 'X]gW gg]cb'fB 6E'F WUZ` [US^SebWUfe aX a`f' Wb0fad_S`UW X''; fci d'6'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWYg''</g`w<>			
k YY_g'' '/' ("' K YY_i&:, '>i bY'!'% < ca Yk cf_			X"`K_cf_g\cd`YI YfW]gY"
>i bY Di V']W\c']XUm'XYHJ]`g'hc'VY'dfcj [XYX']b'WUgg'fk YY %E'UbX'cb'a ccX'Y" K YY'' .'%) '>i bY'!'% C b']bY'5Wfj]Im #' <g` td="" w<=""> Joi V']W\c']XUm'XYHJ]`g'hc'VY'dfcj [XYX']b'WUgg'fk YY %E'UbX'cb'a ccX'Y" K YY'' .'%) '>i bY'!'% C b']bY'5Wfj]Im #' <g` td="" w<=""> U'' =bdi h/ 'X]gW gg]cb'fP 6E'H[egS^SebWUfe aX _ge[US^bWd%ad_S` UW V''; fci d'5'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWfg" W' =bdi h/ 'X]gW gg]cb'fB 6E'F WUZ` [US^SebWUfe aX a` f` WbWd%ad_S` UW X''; fci d'6'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWfg"</g`></g`>			Y"`HUg_`gYhZcf`k YY_`&ždfYdUf]b[`'Zcf`k cf_g\cdg`]b k YY_g''` '/ `("`
9&:UbX:cb'a ccX:Y" K YY_": .:%) `>i bY`!!% C b`]bY`5Wfjj]lm #' <g`w< td=""> U"`=bdi hi⁄ `X]gWigg]cb`fP 6Ł`H[egS^SebWUfe aX _ ge[US^bW0xad_S`UW V"`; fci d`5`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbVWg" W`=bdi hi⁄ `X]gWigg]cb`f8 6Ł`F WUZ` [US^SebWUfe aX a` f` WbW0xad_S`UW X"`; fci d`6`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbVWg"</g`w<>		<ca cf_<="" th="" yk=""><th>* <g` th="" w<=""></g`></th></ca>	* <g` th="" w<=""></g`>
<pre>>i bY U"'=bdi h/ 'X]gW gg]cb'fP 6Ł 'H[egS^SebWUfe aXge[US^bW0xad_S`UW V"'; fci d'5 'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWYg" W"=bdi h/ 'X]gW gg]cb'fB 6Ł 'F WUZ` [US^SebWUfe aX a` 1` WbW0xad_S`UW X"'; fci d'6 'k cf_g\cd'fY']b!WUgg'dYfZcfa UbWYg"</pre>			Di_V`]W\c`]XUm`XYfU]`g`fc`VY`dfcj_]XYX`]b`WUgg`fk_YY_ %£`UbX`cb`a_ccX`Y"
U" '=bdi h⁄ 'X]gW gg]cb'fP 6Ł 'H[egS^SebWUfe aX ge[US^bW0Ad_S`UW V"'; fci d'5'k cf_g\cd'fY']b!WUgg'dYfZcfa UbW/g" W'=bdi h⁄ 'X]gW gg]cb'fB 6Ł 'F WUZ` [US^SebWUfe aX a` {`WbW0Ad_S`UW X"'; fci d'6'k cf_g\cd'fY']b!WUgg'dYfZcfa UbW/g"	_ ,	Cb`]bY'5WMjj]hm	#' <g`w< th=""></g`w<>
W"=bdih⁄ X]gWigg]cbif86ŁiFWUZ`[US^SebWUfeaX a`{`WbW0Xad_S`UW X"'; fcidi6ik.cf_g\cdifYi]b!WUggidYfZcfaUbWYg"			
a` ^[`WbWdXad_S`UW X"`; fcid:6`k.cf_g\cd`fY`]b!WUgg`dYfZcfaUbWYg"			V"`; fci d`5`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbWYg"
			X"'; fci d`6`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbW/g"
>i bY	— •	Cb`]bY`5WMjj]hm	\$\$ <g`w< th=""></g`w<>
U"`=bdi hi⁄ `X]gWigg]cb`fP6Ł`Id[f[`YSTagf_ge[U, UdW\$f[hWbdaYd5_W`afWe`			
V"'; fcid`6`kcf_g\cd`fY`]b!WUgg`dYfZcfaUbWYg"			V"`; fci d`6`k cf_g\cd`fY`]b!WUgg`dYfZcfa UbWYg"
W°≢bdi h∕ `X]gWigg]cb`f86Ł`5dV&f[h[fk XadUgdSfade S`VUa^STadSfade			

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

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

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb['hc'gi Va]hmci f'Ugg][ba YbhN fci [\ 'Hi fb]hjbžd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-',) '' ' '%cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUfŁ'' Zmci UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi `hk]h\'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁhc]bWi XY'Ug'Yj]XYbWY hc'gi ddcfhmci f'YI hYbg]cb'Udd`]WUh]cb'' Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW_Yhbi a VYfžVi h]Zmci 'hY`Yd\cbY'mci 'k]``bYYX'hc'gdYWJZWU``mUg_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh'g'cb'Hk]hYf"

; YbYfU`mžUggYgga YbhHUg_g`a i ghVY`gi Va]HYX`Y`YWfcb]WU``mj]U`Y]h\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ba Ybh'`=b`]bgHUbWfg`k \YfY`h\]g`]g`bchdcgg]V`Yž`]hk]```VY`gHUhYX`cb`mci f`Wci fgY**'**g`A ccX`Y`g]hY`k]h\ U`hYfbUh]j Y`gi Va]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va]hUgg][ba Ybhg`cb`]bY`j]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va]hUgg][ba Ybha ccX`Y

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

D`U[]Uf]ga `]g`i g]b[`f\Y`k cfXg`cf`]XYUg`cZcf\Yfg`UbX`dfYgYbh]b[`f\Ya `Ug`mci f`ck b"`=fiWUb`hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUHY`W\YUh]b[`fc`UWN]XYbhU``mWcdm]b[`Zfca `U`gci fW'k]h\ci hUW_bck `YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

7 cdm]b[. `i g]b[`h\Y`gUa Y`cf`j Yfmig]a]`Uf`k cfXg`hc`h\Y`cf][]bU``hYI h`cf`]XYU`k]h\ci h`UW_bck`YX[]b[`h\Y

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][\lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj]ci f YI dYWYX cZYj YfmcbY]b h Y I BGK Wca a i b]m
- `cWUHY`gYfj]WYg`UbX`]bZcfa UH]cb`UVci hI 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 bXYfgHJbX]b[`cZU``'h\Y fY`UhYX'UgdYWfg'cZ9@=G9'k]``\Y`d'mci 'a U_Y'h\Y'a cghcZmci f`ghi X]Yg'Uh'I BGK "' <u>\hhd.#gi VYWf[i]XYg'`]VfUfm'i bgk "YXi "Ui #Y`]qY#UVci hY`]qY</u>

5₩UXYa]W≠bZcfaUh]cb

: cf[·]YggYbhJU^{··}gh XYbh[·]]bZcfa UhJcb[·]fY[·]UhJb[^{··}hc.