



MUSC2113

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7ci fgY`Cj Yfj JYk

`GHUZZ7cbhUW`i8YHU]`g`

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B Ua Y	9a U]`	5j U]UV]`]m	@cW]h]cb	D\cbY
>c\b`DYHfgcb	^dYHfgcb4 i bgk "YXi "Ui	A cbXUm%%"\$Ua `! %&"\$da /H\i fgXUm %%"\$Ua `!%&"\$da	C Z]W`%\$) ž @Yj Y`%žG]f F cVYfh K YVghYf`6`X[-',) `(, +\$

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B Ua Y	9a U]`	5j U]UV]`]m	@cW]h]cb	D\cbY
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D\cbY. f\$&L`-',) `(,) *

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H\Y`GW`cc`cZ`hY`5f]g`UbX`A`YX]U`k`ci`X`_]`Y`h`F`YgdYW`z`m5W`bck`YX[`Y`h`Y`HfUX]`h]cbU`7`i`g]h`X]Ubgž

7ci fgY'8YHJ]`g

7fYX]hDc]bng`*`

Gi a a UfmcZhY'7ci fgY

Gi VYWh5fYU.`? ge[U

H\]g`Wci fgY`cZfYg`gh XYbng`hY`cddcfhi b]mihc`ghi XmihY` \]gthc fmcZhY`fY`Uhjcbg\]d`VYhk`YYb`a`i`g]WUbx`
Z]a`UbX`hc`[`U]b`Ub`i`bXYfghUbx]b[`cZhY`a`U]b` \]gthcf]WU`XYj`Y`cda`Ybng`gi`ffci`bX]b[`hY`i`gY`cZa`i`g]W]b`
Z]a` "H\Y`cddcfhi b]mihc`UbU`mgY`j`Uf]ci`g`YI`Ua`d`Yg`cZ]a` `a`i`g]WU`Yb`Z]ca`hY`g]YbhYfU`h`fci`[`\`hc`hY`
dfYgYbhXUmz`U`ck`g`gh`XYbng`hc`Yb`UbW`hY]f`i`bXYfghUbx]b[`cZhY`fc`Y`h`UhW`ca`d`cgYfg`Z`f`Z]a`d`UmYX`]b`
hY`i`gY`cZa`i`g]WUg`d`Uf`hc`Z`hY`f]ci`bX]h`UW`f`ic`Z`U`Z]a` "H\YfY`]g`U`d`Uf`h]W`Uf`Z`W`g`cb`YI`d`cf]b[`UbX`
]bj`Ygh[`Uh]b[`hY`XYj`Y`cda`YbhcZa`i`g]Wg`Z`bW]cb`]b`WfYUh]b[`Z`cf`Yb`UbW]b[`Z]fa`YUb]b[`f]b]j`Uf]ci`g`[`Yb`fYg`
cZ]a`Z`k`]h`gdYW]Z]WfYZ`fYbW`hc`hY`a`cghfYW`bhYfYgYUfW`]b`h]g`UfYU`"H\Y`Wci`fgY`cZfYg`U`Vfc`UX`f`Ub[`Y`
cZYI`Ua`d`Yg`hU`Yb`Z]ca`Z]a`g`XYj`Y`cdYX`bchcb`m]b`hY`i`b]hYX`G`hU`h`g`fk`c`nk`ccX`Z`Vi`hU`gc`Z]ca`7` \]bUz`
>Ud`Ubz`X]Uz`9i`fcdYz`6`f]hU]bZ`UbX`5i`ghfU`]U"

7ci fgY`@YUfb]b[`Ci`hWca`Yg

- %`]XYbh]Znz`WUgg]Znz`UbX`Yj`U`i`UH`hY`j`Uf]ci`g`Z`bW]cbg`cZa`i`g]Wk`]h]b`U`j`Uf]YhmcZ]a`i`[`Yb`fYg`UbX`
ghmYgZ`Z]ca`U`j`Uf]YhmcZ]W`h`fYg`"
- &`"XYa`cbgfUH`hY`UV`]mihc`X]gW`gg`hY`i`gY`cZa`i`g]W]b`Z]a`]b`U`gW`c`Uf`m`UbX`]b`Z`fa`YX`a`UbbYfZ`
YgdYW]U`mk`]h]b`hY`W`cb`hY`hc`Z`hY`UW`X`Ya`]W`]hY`fU`h`fY`cb`hY`h`cd]W`"
- '`"XYa`cbgfUH`hY`f`_bck`YX[`Y`cZ`hY` \]gthc`fmcZ]a` `a`i`g]WUbx`U`j`Uf]YhmcZ]a`g`Z]ca`U`j`Uf]YhmcZ`
[`Yb`fYgZ`a`U`bmcZ`k` \]W`gh`XYbng`a`U`mbch` \]U`j`Y`dfYj`]ci`g`m`Yb`Wci`b`hY`fYX`c`f` \]UX`hY`cddcfhi`b]mihc`
gh`Xm]b`XYhJ]"
- (`"Udd`mi`hY`h`Y`cfYh]WU`_bck`YX[`Y`X]gW`ggYX`h`fci`[`\`ci`h`hY`Wci`fgY`]b`U`WfYUh]`Y`a`UbbYf`j`]U`hY`
Wca`d`Y`h]cb`cZU`g`l`cfh]Z]a`g`W`cf]b[`YI`Y`fW]gY`h`Uh]b]c`j`Yg`j`Uf]ci`g`UgdYW]g`cZ]a`Wca`d`cg]h]cb`"

HYUW]b[`GhFUH[`]Yg`

Gh`XYbng`UH`bX`U`k`YY`_m`k`c`\`ci`f`Y`Wh`fY`cb`Z]a` `a`i`g]W\]gthc`fm`UbX`U`k`YY`_m`cbY!\`ci`f`h`h`f]U`cb`Z]a`
a`i`g]W`h`Y`cfm`6`ch`Y`Wh`fYg`UbX`h`h`f]U`g`k`]`W`cbg]ghcZ`U`i`X]c`UbX`U`i`X]c`#`]gi`U`XYa`cbgfUH]cbg`cZ`Wci`fgY`
W`cb`h`b`h`"

H\Y`Wci`fgY`]g`W`cbW`fbYX`k`]h`]bj`Ygh[`Uh]b[`hY` \]gthcf]WU`dYfgdYW]h]Yg`gi`ffci`bX]b[`hY`XYj`Y`cda`YbhcZ`
a`i`g]W]b`Z]a`Z]Ug`k`Y`U`g`hY`]a`dUW]hcZg][`b]Z]W]b`h`Wca`d`cgYfg`UbX`Z]a`X]fYW`c`fgZ`gcW]YhU`W`Ub[`YgZ`UbX`
XYj`Y`cda`Ybng`]b`hY`W`bc`c`[`mi`h`Uh` \]U`j`Y`c`W`W`fYX`Xi`f]b[`hY`h`k`Yb`h]Y`h`UbX`h`k`Yb`h]m]Z]fghW`b`h`f]Yg`W`b`h`fm`]`
UXX]h]cbz`Ub`YI`Ua`]b`Uh]cb`cZ`l`ck` `a`i`g]Wa`][`\`h`WfYUh`U`j`Uf]YhmcZa`YUb]b[`g`c`f`]b`h`f`d`f`Y`h]h]cbg`k`Yb`U`XX`YX`
h`c`j`]gi`U`]a`U[`YgZ`UbX`]h]g`dgm`W`c`c`[`]WU`]a`dUW]hc`b`hY`j`]Yk`YfZ`k`]`VY`d`fcj`]XYX`UbX`UggYggYX`j`]U`hY`
Wca`d`Y`h]cb`cZU`WfYUh]`Y`Z]a`!g`W`cf]b[`YI`Y`fW]gY`"Gh`XYbng`UfY`ghfcb[`m`Yb`Wci`fU[`YX`hc`Udd`mi`hY`a`cXYg`cZ`
]ghYb]b[`UbX`j`]Yk`]b[`XYa`cbgfUH`X`Xi`f]b[`hY`Y`Wh`fY`gYf]Yg`hc`hY]f`c`k`b`YI`dYf]YbW`gZ`UbX`U`
UggYgga`Ybh]h`a`g`UfY`]b`h`b`XYX`h`c`d`fcj`]XY`Ub`c`ddcfhi`b]mihc`f`W]h]WU`UbX`UbU`nt]WU`X]gW`gg]cb`
gi`ffci`bX]b[`hY`gh`XYb`h]Z]3g`ck`b`YI`dYf]YbW`g`k`]h` `a`i`g]W]b`Z]a`"

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5ggYgga YbhHUg_	K Y][\h	8i Y`8UH	Gh XYbh@YUfb]b[Ci hWta Yg`5ggYggYX
:]a !GWcf]b[`5W]j]mUbX 9ggUm) \$i	Bch5dd`]WUV`Y	%z&z{
F YZYW]j Y`>ci fbU`	&) i	Bch5dd`]WUV`Y	%z&z{
7 `Ugg`HYgh	&) i	Bch5dd`]WUV`Y	%z z{

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% :]a !GWcf]b[`5W]j]mUbX`9ggUm

GhUfhXUH. `Bch5dd`]WUV`Y

8YHJ]`g. `Hk c`g\cfhf&!' `a]bi hY`Z]a `gWbYg`rc`VY`gWcfYXz`k]h`UW`ta`dUbm]b[`g\cfhYggUm↑gh]z]b[a i g]W`WX]W]g`UbX`fU]hcbU`Y`Zcf`d`UW`a`YbhcZa i g]Wk]h]b`hY`gWbYg`]b`fY`U]hcb`rc`Z]a `a i g]W hYcfm%) \$\$`k`cfXgk`f]hYb`ZYXVUW`dfcj]XYX`Vm`YW]i`fYf`j]U`A`ccX`Y

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

- :]a !GWcf]b[`5W]j]mUbX`5bU`mh]W]`BchYg`fDggUmz`) \$i

H\]g`UggYgga Ybh]hYa `]g]b`rk`c`dUfhg.

DUfh%!:]a !GWcf]b[`5W]j]m`Mci`k]`VY`Ug`_YX`rc`dfcj]XY`a i g]W]rc`UW`ta`dUbm]k`c`g\cfhgW]bYg`hU`_Yb Z]ca `U`g`Y`Y`W]X`Z]a `cf`Z]a`g`H\Y`a i g]Wdfcj]XYX`a`UmW`cbg]ghcZY]hYf`fU`c`f][]bU`a i g]W`ta`dcgYX YgdYW]U`mZcf`hY`gW]bYg`cf`fV`E`YI]gh]b[`fYW`c`f]b[g`c`Za i g]W]h`U`h`mci `YX]h`UbX`U`X`h`c`h`Y`g`W]bYg`"GYj`YfU`gW]bYg`Z]ca `U`g`Y`Y`W]X`Z]a `fc`f`Z]a`g`k]`VY`a`UXY`Uj`U]UV`Y`rc`gh`XYb]g`j]U`A`ccX`Y`"9UW`gW]bY`k]`VY`Uddfc]]a`UH`m]k`c`f`&`rc`h`fY`f`l`E`a]bi`hY`g`]b`Xi`fU]hcb`"7`ca`dfY`Y`bg]]Y`]bg]fi`W]cbg`cb`\`ck`rc`W`ta`d`Y`h`h`]g`UgdYW]cZ`h`Y`Ugg][]ba`Ybhk]`VY`[]]Yb`rc`gh`XYb]g`Xi`f]b[`g`Ya`YghY`" DUfh&`-`5bU`mh]W]`BchYg`#9ggUm`Mci`a i ghU`gc`W`ta`d`Y`h`Ub`UbU`mh]W]`YggUm`fW]"%) \$\$`k`cfXg`E`h`Uh`↑gh]Z]Yg`mci`f`W`c]W]`c`Za i g]W]b`h`Y`g`Y`Y`W]X`g`W]bYg`UbX`Yb[U[Yg`k]h`h`Y`W`ffYbh`]h`fU]h`fY`cb`h`Y`gi`V`Y`W]`H\]g`]g`bchU`a`UH`f`c`Za`YfY`m`YI`dfYgg]b[]mci`f`d`Y`fg`cbU`cd]b]cb.`mci`a i gh↑gh]Z]mci`f`W`c]W]`c`Z`a i g]WZcfYUW`W`ta`d`Y`h`X`g`W]bY`V`m`dfcj]X]b[`Yj]XYbW]`c`Z`mci`f`i`b`XY`f`gh`UbX]b[`c`Z`h`Y`g`Y`W`c`b`W`d`h`g`UbX`h`cgY`X]gW`ggYX`]b`h`Y`Y`W]i`fYg`UbX`h`rc`f]U`g`XY`]j`YfYX`h`fci [\ci`h`h`Y`W`c`i`fgY`"Gh`XYb]g`g`l`ci`X`a`U`_Y`gdYW]Z]W]fY`Z]fY`b`W`rc`Uh`Y`U`gh`gca`Y`c`Z`h`Y`"]h`fU]h`fY`]b`Wi`XYX`cb`h`Y`"Gi [[YghYX`F`YUX]b[`@ghz`UbX`h`i`g`dfcj]XY`U`W`c`b`h`I`h`fV`ch`\]gh`c`f]W]`UbX`gc`W]U`E`Zcf`h`Y`fY`U`gc`bg`VY`\]b`X`mci`f`W`c]W]`c`Za i g]WZcfYUW`Z]a`YI`W`fd`h`

5ggYgga Ybh&. 'F YZYWj] Y'>ci fbU`

GhUfhXUHy. 'Bch5dd`]WUV`Y

8YhU]`g. 'F YZYWj] Y'>ci fbU`'cb`hk c`gYhUWj]]hYg`f(\$\$!) \$\$`k cfXg`YUWk`E`K f]hYb`ZYXVUW`dfcj]XYX`Vm`YWh`fYf`k]h.]b`cbY`k YY`_`cZWta d`Yh]cb`cZYUWk`UWj]]m`

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

H\Y:]a `A i g]W>ci fbU`Wta df]gYg`U`hcU`cZ&) i `cZhY`hcU`a Uf`_`Zcf`h]g`Wci fgY"

h]g`VUgYX`cb`hY`Wta d`Yh]cb`cZhk c`gYhUWj]]hYg`"9UWk`UWj]]m]g`k Y][`hYX`]b`hY`Zc`ck]b[`a UbbYf.`%&
>ci fbU`5Wj]]m%1`%\$i /Xi Y`("\$da žHi YgXUm&) : YVfi UfmfK YY`_`&E/
&E:]a `A i g]W5Wj]]m&1`%) i /Xi Y`("\$da žHi YgXUm%\$`A UfW`fK YY`_`("E"

h]gfi W]cbg`Zcf`gi Va]gg]cb`cZhYgY`]hYa g`k]`VY`[]]Yb`j]U`A ccX`Y`UbX`Xi f]b[`hY`YWh`fY`gYf]Yg"

Hi fb]h]b`gYh]b[. H\]g`]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5ggYgga Ybh' . 7`Ugg`HYgh

GhUfhXUHy. 'Bch5dd`]WUV`Y

8YhU]`g. 7`Ugg`HYgf`Ygi`hd]cj]XYX`Vm`YWh`fYf`k]h.]b`cbY`k YY`_`cZWta d`Yh]cb`cZHYgh

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

5ggYgga Ybh" . :]a `A i g]W<]g`h]miHYgh

•H\]g`h]7`Ugg`HYgh]g`k cfh`&) i `cZhY`hcU`a Uf`_`Zcf`hY`Wci fgY"

H\Y`hYghk]`VY`VUgYX`cb`a UHf]U`g`hU`Yb`Zfca`@YWh`fYg`UbX`Hi`hc]U`g`hY`X`Xi`f]b[`K`YY`g`%`h`*`z`UbX`a`Um`U`gc`]b`Wi`XY`fY`ZY`fY`b`W`h`c`]b`Zfca`U`h]cb`XYf]j`YX`Zfca`gY`Y`W`Y`X`F`Y`UX]b[`g`X]g`h]Vi`hYX`]b`K`YY`g`%`a`*`"
H\Y`hYghk]`VY`W`cb`Xi`W`Y`X`]b`hY`Hi`hc]U`h]a`Y`Uh`%`"\$da`cb`\$`%`5`df]`fK`YY`_`+`E`z`UbX`k`]`VY`Uddfc]`ja`UH`m`*\$`a`]bi`hYg`]b`Xi`fU]cb"

Hi fb]h]b`gYh]b[. H\]g`]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5 HbXUbW F Yei]fYa Ybhg

Gh XYbhg UfY gfcfb [mYbWci fU[YX hc UHbX U WUggYg UbX fYj]Yk YWfi fY fYWcfX]b[g"

7 ci fgY GWYXi Y

[J Yk WUgg ha YhUVY](#)

Hja YhUV Y

8 UHr	HmdY	7 cbhYbh
K YY_% %+ : YVfi Ufm! &% : YVfi Ufm	@YWfi fY	@YWfi fY. K YXbYgXUnž%- : YVfi UfmžUh- "\$\$da hc '%%"\$Ua ž]b'K YVghYf"; %+" ðhfcXi W]cb'hc'hY'7 ci fgY/\]gfcf]WU'WcbhY hg Zcf a i g]WUbX'j]gi U'ja U[Yg/UXj YbhczZ]a /i gY'cZ a i g]W]b'YUfm'g]YbhZ]a /Z]a 'a i g]WUbX F ca Ubh]W]ga ža i g]WUbX W]WÅ"A i g]W]b'bcbl <c`nk ccX'g]YbhZ]a g" 8]gW gg'5W]j]m%" D`YUgY'bcHr'Hi hc f]U'g'VY[]b']b'K YY_&"
K YY_&.'&(: YVfi Ufm! '& : YVfi Ufm	@YWfi fY	@YWfi fY. K YXbYgXUnž&* : YVfi Ufm'Uh- "\$\$Ua hc '%%"\$Ua ž]b'K YVghYf"; %+" 5Xj Ybhczgci bX'cb Z]a . gnbWfcb]gU]cb'cZa i g]W UbX'ja U[Y/a i g]WUbX'X]U'c[" %- &- !%- ' &! k \YfY]g'hY'a i g]W8 DfUW]WU]hYg]b gci bX'fYWcfX]b[žUbX'a]l]b['cZX]U'c[i Yža i g]Wž gci bX'YZYWtg"
	Hi hc f]U'	Hi hc f]U'. K YXbYgXUnž&* : YVfi Ufm'Uh%&"\$da hc &"\$da ž]b'K YVghYf"; %+" 5bU'mh]WU'UW]j]m' H\Y'f7 Ugg]WU'fi<c`nk ccX'Z]a 'gWcfY'—A UI 'GHY]bYf UbX'9f]W' ? cfb[c'X'fDUfh%&
K YY_' . '&'A UfW' ! '* A UfW'	@YWfi fY	@YWfi fY. K YXbYgXUnž\$('A UfW' . 'Uh- "\$\$Ua hc '%%"\$Ua ž]b'K YVghYf"; %+" H\Y'f7 Ugg]WU'fi<c`nk ccX'Z]a 'gWcfY'—A UI 'GHY]bYf UbX'9f]W' ? cfb[c'X'fDUfh&& :]a 'Bc]f/XYj Y'cda Ybhg]b'a i g]WU'Ub[i U[Y'UbX]bgf]a YbhU]cb'Zcf Z]a 'a i g]W
	Hi hc f]U'	Hi hc f]U'. K YXbYgXUnž\$('A UfW' . 'Uh%&"\$da hc &"\$da ž]b'K YVghYf"; %+"

		<p>GWcf]b['U'gWbY. 'X]gW gg]cb'cZ5Wij]m&'UbX'\ck lc'Wca d'Yh']h'</p> <p>:]a 'A i g]WH\YcfmDUfh%'5Xc'bc'UbX'9]g`Yf/ UbU'mg]b['Z'a 'a i g]WUbX'Ya ch]cb.]b!WUgg'UbU'mg]g cZgY'YVW'X'gVWbYg"</p>
<p>K YY_(: - 'A UfVX '! '% A UfVX</p>	<p>@YWhi fY</p>	<p>@YWhi fY. 'K YXbYgXUmž%%'A UfVX. 'Uh- "\$\$Ua lc'%%"\$Ua ž]b'K YVghYf'; %+"</p> <p>5'h'fbUhj Yg'lc'h\Y'f7'Ugg]W]fi:]a 'gWcfY'!'Unn'</p>

		:]a`a i g]WUbX`fā]b]a U`]ga fil`h\Y`]bZi YbWV cZW`a dcgYfg`gi WX`Ug`D\`]d` :`UggžA]WXUY`B ma Ub UbX`c`h\Yfg"
	Hi hcf]U`	Hi hcf]U`. K`YXbYgXUmž`\$`%`5df]`.`Uh`%&`\$\$da`hc &`\$\$da`ž`]b`K`YVghYf`;`%+` =b!7`Ugg`HYghfcb`U`a`UHf]U`X]gW`ggYX`]b`K`YY_g %d`*`l`/*`\$`a`]bi`hYg"
K`YY_`,`!`*`5df]`!`%\$`5df]`	@YWi`fY`	@YWi`fY`. K`YXbYgXUmž`\$,`5df]`.`Uh`-`"\$`\$Ua hc`%`%`"\$`\$Ua`ž`]b`K`YVghYf`;`%+` B`cb!`<`c`nk`ccX`Uddfc`UWX`Yg`hc`Z]a`W`a`d`cg]h]cb`" H\Y`]bZi`YbWV`cZ8`Ubbm9`Za`Ubž`<`Ubg`N]a`a`Yfž`UbX c`h\Yfg"
	Hi hcf]U`	Hi hcf]U`. K`YXbYgXUmž`\$,`5df]`.`Uh`%&`\$\$da`hc &`\$\$da`ž`]b`K`YVghYf`;`%+` 5bU`m]WU`UW]j`]m]UbX`[`fci`d`k`cf_`"
K`YY_`,`-`,`%`5df]`!`%+` 5df]`	@YWi`fY`	@YWi`fY`. K`YXbYgXUmž`%`5df]`.`Uh`-`"\$`\$Ua hc`%`%`"\$`\$Ua`ž`]b`K`YVghYf`;`%+` F`YVWbhXYj`Y`cda`Yb]g`UbX`bYk`k`Um]cZk`cf_]b[k`]h`a`i`g]WUbX`Z]a`"
	Hi hcf]U`	Hi hcf]U`. K`YXbYgXUmž`%`5df]`.`Uh`%&`\$\$da`hc &`\$\$da`ž`]b`K`YVghYf`;`%+` 5bU`m]WU`UW]j`]m]UbX`[`fci`d`k`cf_`"
K`YY_`,`%\$`,`&\$`5df]`!`&` 5df]`	@YWi`fY`	@YWi`fY`. K`YXbYgXUmž`&&`5df]` B`C`@97`HI`F`9`H<`G`K`99?`"
	Hi hcf]U`	Hi hcf]U`. K`YXbYgXUmž`&&`5df]`.`Uh`%&`\$\$da`hc &`\$\$da`ž`]b`K`YVghYf`;`%+` :`i`fh\Yf`XYj`Y`cda`Yb]g`UbX`Z]bU`W`a`a`Yb]g`"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

F YWca a YbXYX`F Ygci fWg

5`i gYz`Vcc`cb`hY`\]ghcfmcZz]a`a i g]W]g.

7cc_žA Yfj nb`5`<]ghcfmcZ:]a`A i g]W7 Ua Vf]X[Y. 7 Ua Vf]X[Y`l b]j Yfg]mDfYggž&\$\$, žŒ+, %) (&\$- # Q

Gi [[YghX`F YUX]b[`@]gh

5bXYfgcbž; ``A i g]WZcf]g]YbhZ]a gž% - (!% &- .`U`[i]XY/K Ug\]b[hcb.`@]VfUfmcZ7 cb[fYggž%- , , "

6fcd\mžD`fYX"É"7]bYgcb]W`YI dYf]YbW]b[`hY`gci bXhfUW_/B cfh`F mXYžB"G"K ". 5i ghU`]Ub:]a HY`Yj]g]cb`UbX`F UX]c`GWccž&\$\$%"

6fi Wž; ``6YfbUfX`<Yffa Ubb.`UbX`bUffU]h] Y/f5bb`5fVcfžA]W][Ub.`l A =F YgYUfW`DfYggž%- ,)"

6i \Yfž>":]bbž7`UbX`BYi a YmYfž8`fYXg"É"A i g]WUbX`W]bYa U/<Ubcj YfžB"<`!`@cbXcb.`l b]j Yfg]m DfYgg`cZB Yk`9b[`UbXž&\$\$%"

6i fž; "žH\Y`5fhicZ:]a`A i g]W`6cgrcbžB cfh\YUghYfb`l b]j Yfg]mDfYggž%- - ("

7Uffc`žB`H\Ycf]n]b[`hY`a cj]b[`]a U[Y/7 Ua Vf]X[Y. 7 Ua Vf]X[Y`l b]j Yfg]mDfYggž%- - *žŒ+- %(` \$%#) Q

7c\UbžG`fYX"É"<c`mk ccX`a i g]W]gžhY`Z]a`fYUXYf/BYk`Mcf_`F ci hYX[Yž&\$\$&"

7cbf]Wž=UbX`H]bW_bY`ž9`fYXg"É":]a`g`a i g]W]`a ca Ybfg/9X]bVi f[\. 9X]bVi f[\`l b]j Yfg]mDfYggž &\$\$*"

7cc_žB]Wc`Ug`5bU]mg]b[`a i g]W]`a i`h]a YX]U/C I žcfX`. C I žcfX`l b]j Yfg]mDfYgg`&\$\$žŒ+, %/#* (`6Q

7c\Ybž5`>`f&\$%\$É"A i g]WUg`U`gci fW`cZYa ch]cb`]b`Z]a`"b`D"B`">i g]b/`>`5`G`cVcXU

<]`a UbžF "i bgYm]b['gWčfYg/`bX]UbU'i Dž&\$\$) žŒ+- %(' \$&(# Q

? U]bU_ž? "GYm]b['hY'gWčfY: 'a i g]WUbX'hY'WUgg]WU'`<c`nk ccX'ž'a /A UX]gcb.'l b]j Yfg]mčZ
K]gWčbg]b'DfYggž%- - &žŒ'+, %) (&\$- +' #&Q

? Uf]bž: "'UbX'K f] [\hžF "žC b'hY'HfUW_.'5'; i]XY'hc'7 cbhYa dcfUfm:]a 'GWčf]b[/BYk 'Mcf_.'F ci hYX[Yž
&\$\$("

? UggUV]Ubž5"<YUf]b['ž'a . 'hfUW_]b[']XYbh]ž]WU]cbg]b'WčbhYa dcfUfm<c`nk ccX'ž'a 'a i g]W'BYk 'Mcf_.
F ci hYX[Yž&\$\$%žŒ+, %) (&#%Q

A Uf_gžA "A "žA i g]WUbX'hY'g]Ybh]ž'a . 'WčbhYI hg'UbX'WUgY'gh X]Ygž% -)!%- &(/BYk 'Mcf_!C I žcfXž
C I žcfX' l b]j Yfg]mDfYggž%- - +"

A YfUžA "'UbX'6i fbUbXž8"flYXg"l"9i fcdYUb':]a 'A i g]W'5'XYfg\ch'5g\[UHž&\$\$*"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

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Ʒmci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi`ddcfh`cb`-`,`)``%`cf`Ya`U`H`Ya`cb`YI`H`f`b`U`H`f`gi`ddcfh`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f`l`*)`XUmg`U`m`Y`Uf`l`"Ʒmci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`f`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`f`b`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`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`ddcfh`mci`f`YI`H`f`bg]cb`Udd`]W`h]cb"Ʒmci`Ya`U`9I`H`f`b`U`Gi`ddcfh`mci`k`]`
Ui`h`ca`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`U`g`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`g`i`cb`h`Y`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`
Ugg][`ba`Y`b`h`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`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`X`Y`h]`g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`b`h`g`i`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`b`h`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'WXUhf]b['hc'UWVXYbhU`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 hW'YX]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 hW'YX]h'UbX'hc d]YW]b['hc[Y'hYf'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]W]Ug_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]h'čZf]b['hc'Wč'a d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZc'Wč'a d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]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'dUf'žk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]h]X'Zc'f'UbchYf'UggYgga Ybhcf'Wč'i fgY'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

5 WUXYa]WbZcfa Uhcb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uhcb`fY`Uh]b[`hc.

- fYei Yghg`ZcfYI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]m]UbX`X]gUV`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\hfg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhghi XYbh\]bZcfa Uhcb`dfc\]Vc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7fYX]h

Gc`c`DYfZcfa UbW`A U_]b[`&\$%-

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;