



MDIA3011

7 ca a i b]WU]cb'8Yg][b.'A i 'h]a cXU`]mž'A YUb]b['UbX
A YX]U

HYfa 'C.bY`##`&\$&\$



GWXcc`cZHA Y'5ftg'UbX'A YX]U`##'I BGK `5ftg'UbX'GcWU`GWYbWg

7 ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWhi8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWUjcb	D\cbY
@ci]gY`F Uj Y`]	""fUj Y`]4 i bgk "YXi "Ui	Hi YgXUm%a' da `hc Xfcd`]b`k]h`ci hUb Uddc]bha Ybh' cH`Yfk]gY`Ya Uj`a Y Zc`f`X]ZYfYbhi]a Yg"	K YVghYf' %%B	- ' ,) & (& \$

GWXcc`7cbhUWhi`bZcfa Uh]cb

F cca " ' %&Z`Yj Y`" `F cVYfhK YVghYf`6i]X]b[

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

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

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

H\Y`GWXcc`cZhY`5fmg`UbX`A YX]U`k ci `X`_Y`hc`F YgdYWZ`m5W_bck`YX[Y`h`Y`HfUX]h]cbU`7i`g`hcX]Ubgz`h`Y`6YXY[U`f`P`Ybg]b[`h`cb`WUa`di`g`Lz`;`UX][`U`f`7`]mUbX`5`f`h`/`8`Yg][`b`7`Ua`di`g`Yg`L`UbX`h`Y`B`[`i`bbUk`U`d`Ycd`Y`f`5i`gh`f`U`]Ub`8`YZ`b`VW`:`cfW`5`WUX`Ya`m]b`7`Ub`VY`ff`U`E`c`Z`h`Y`Ub`X`g`k`Y`f`Y`Y`U`W`W`Ua`di`g`c`Z`I`B`G`K`]`g`c`W`h`Y`X`"

5ggYgga Ybh

: i ``XYHJ]g'cZHY'UggYgga Ybhg'k]``VY'cb'A ccX`Y"

H\]g'Wci fgY'U'gc'\Ug'U'%\ci f'k YV'Wca dcbYbhk \]W'k]``Wcbg]ghcZWci fgY'fYUX]b[g'zk]H'YUW'ghi XYbh W'ccg]b['U'gdYW]WfYUX]b['hc'fYdcfhc'hc'h'Y'WUgg''H\YgY'k]``bchVY'UggYggYX'Vi hUfY'Wca di `gcfmhc Wca d'YH'h'jg'Wca dcbYbh'

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hWca Yg'5ggYggYX
DfYgYbhU]cb'UbX'K f]H'Yb F Ydcfh	(\$i) # #&\$	%z&
9ggUm	* \$i	&, #\$(#&\$\$&\$) .\$\$`DA	%z&Z ž(

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% 'DfYgYbhU]cb'UbX'K f]H'Yb'F Ydcfh

GHUfhXUH'. %+# #&\$

8YHJ]`g. %\$\$\$'k cfXg": YYXVUW`j]U'Hi fb]hjb"

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

DfYgYbhU]cbg'k]``VY'jb'K YY_g') 'UbX'*žk]H'k YY_'hc'VY'U'`cWUH'X']b'ZfghgYa]bUf"

K f]H'Yb'fYdcfhk]``VY'Xi Y') '5df]ž) da "

: i ``XYHJ]g'k]``VY'cb'A ccX`Y"

Hi fb]hjb'gYH]b[. H\]g'Ugg][ba Ybh]g'gi Va]H'X'h'fci [\ 'Hi fb]hjb'UbX'ghi XYbhg'Xc'bchgYY'Hi fb]hjb g]a]Uf]mfYdcfhg"

5ggYgga Ybh&. '9ggUm

GHUfhXUH'.

8YHJ]`g.

5 HbXUbW F Yei JfYa Ybhg

Gh XYbhg UfY fYei JfYX hc UHbX, \$i cZWUggYg UbX UHbXUbW k J VY HU Yb Jb hY gYa JbUf

7 ci fgY GWYXi Y

[J Yk WUgg ha YhUVY](#)

Hja YhUVY

8 UHr	HmdY	7 cbhYbh
<p>K YY_% %+: YVfi Ufm! &% : YVfi Ufm</p>	<p>GYa JbUf</p>	<p>A i `hja cXU]mžWca a i b]WU]cb`UbX`a YX]U"</p> <p>H\]g`k YY_`Zcfa g`hY`Zci bXU]cb`cZ`hY`Wci fgY.]b k \UhgYbgY`]g`Wca a i b]WU]cb`fX]g][bYXfB`K \m gh Xma i `hja cXU`hYI hg3`K \UhYI hg`YI UW`mk]`k Y gh Xm3`< ck `k]`k Y`gh Xmi`hYa 3</p> <p>GYh`fYUX]b[. `h\]g`]g`hY`a]b]a i a `fYUX]b[`hc`Xc`]b dfYdUfU]cb`Zcf`YUW`k YY_`UbX`hYgY`k]`VY Uj U]`UV`Y`cb`A`ccX`Y`D`YUgY`fYUX`TW`adW`hY gYa]bUf`5`k]XY`fUb[Y`cZUX]h]cbU`fYUX]b[g`k]`VY dcgh`X`cb`A`ccX`Y`Gca Y`cZ`hYgY`k]`VY`Uj U]`UV`Y cb`A`ccX`Y`UbX`gca Y`mci `k]`Uj Y`hc`i bh`Zcf`</p> <p>%`? fYggž; ``f&,\$%) E`8 Yg][b. `hY`fY`hc]f]W`k cf`_`cZ g\Ud]b[`hY`gYa]ch]Wk cfX``b`b`5``5`fW`Yf`UbX`9 6`fYi Yf`fX`gE`A i `hja cXU]m]b`K`f]h]b[. `hY`gh`UH`cZ hY`Ufh]b`hY`c`fmž`a`Y`h`c`X`c`[m`UbX`d`Y`X`U`[c[m dd%`%`&</p> <p>&``? fYggž; ``UbX`j`Ub`@`Y`i`k`Y`b`ž`H``f&,\$%`&`` ?`g`f`_`a`V`S`^`V[e]U`ag`d`W`f`Z`W`?`a`V`W`e`S``V`?`W`[`S`a`X 5`a``f`W`_`ba`d`S`k`5`a`_`_`g``[`U`S`f`[a` ``@`cb`X`cb.`5`f`bc`X` Q` \`U`d`h`Y`f`%`cb`m`b`h`c`X`i`W]`cb`ž`dd`%`&` Q</p> <p>'`"j`Ub`@`Y`i`k`Y`b`ž`H``f&,\$%`&``A`i` `hja`cXU]mž]b`>` G]a`dg`cb`f`X`"lž`F`Z`W`D`ag`f`W`Y`W`Z`S``V`T`aa]`a`X`3`bb`f`W >[`Y`g`[e`f`[U`e`ž`F`ci`h`Y`X`[`Y`ž`@`cb`X`cb`UbX`B`Y`k`M`cf`_`ž`dd **`,`!`,`*`,`&`</p>
<p>K YY_&`&`(: YVfi Ufm! `&, : YVfi Ufm</p>	<p>GYa JbUf</p>	<p>5``hY`[`ccX`V]hgžDUfh5. `gYa]ch]W fYgci fW`g`f`gi`W`U`g`W`c`ci`f`ž`ci`b`X`ž`h`I`h`i`f`Y`ž`g`U`d`Y """"`E`</p> <p>GYh`F`Y`UX]b[.</p> <p>%`J`Ub`@`Y`i`k`Y`b`ž`H``f&,\$%`&``F`Z`W`>`S``Y`g`S`Y`W`a`X 5`a`^`gd`3``[`f`d`V`g`U`f`[a` ``@`cb`X`cb.`F`ci`h`Y`X`[`Y Q` \`U`d`h`Y`f`%`cb`m`b`h`c`X`i`W]`cb`/`dd`%`,`Q</p> <p>&``J`Ub`@`Y`i`k`Y`b`ž`H``f%`-`-`E`b`W`W`U`Z`?`ge[U`E`ag`V`ž`</p>

F Ygci fWg

DfYgWf]VYX'F Ygci fWg'

Mci 'k]''bYXX'hc'fYUX'k]XY'mUbX'XYYd'm]b'hY'Wci fgY'hc'a YYh'hY'Wci fgY''YUfb]b['ci hWca YgžUbX'hc'Xc
k Y''Gyh'fYUX]b[g'k]''U''VY'Uj U]UV'Y'cb'A ccX'YžUg'k Y''Ug'U''Uf[Y'bi a VYf'cZ'hY'cdh]cbU'fYUX]b[g''=
k ci 'X'VY'a cfY'hU'ub'\Uddmhc' []j Y'ž f'hY'f'gi [[Ygh]cbg'žcf'fYUX]b[g']b'UbmgdYW]žW'hd]WUfYUg"

F YWca a YbXYX'F Ygci fWg

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

=i gY'U'Wca V]bUh]cb'cZžfa U''UbX']bžfa U''Yj U'i Uh]cb'hc'a cb]hc'f'UbX']a dfcj Y'h]g'Wci fgY''A 8-5' \$%%
k Ug']b'hcXi VWX']b'&\$% žk]h'U'dUfh]W'U'f'mdcg]h]j Y'fYgdcbgYžYgdYW]U''mhc'hY'fYU'k cfX'Udd']W]h]cbg
UbX' [i Ygh'YW' fY''Gca Y'gh' XYb'hg']bX]W]h'X'h'Ymk Ub'h'X'a cfY'WUf]hm]b'gca Y'cZ'hY'WcbW'dhgž'gc']b'&\$&\$
f]h'k Ug'b'ch'Uj [\h]b'&\$%- Ł'=\Uj Y'gh'fYUa']bYX'h'Y'hc'd]Wg''=k Y'Wca Y'mci f'ZYXVUW'U'hiU'bm'cd]b'ž'Y]h'Yf
žfa U''m'h'fci [\Wci fgY'Yj U'i Uh]cb'cf']bžfa U''m'h'fci [\X]fYW'Wca a Ybh'cf'Ya U]''

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

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`G`i`d`d`c`f`h`c`b`-`,`),`"`,`'`,`%`c`f`Y`a`U`]`h`Y`a`i`c`b`Y`I`H`f`b`U`H`Y`h`gi`d`d`c`f`h`4`i`b`g`k`"Y`X`i`"U`i`"Gi`d`d`c`f`h`
`l`c`i`f`g`U`f`Y`,`.\$`\$`U`a`-`-%`\$`.\$`\$`d`a`i`c`b`k`Y`Y`_`X`U`m`g`U`b`X`-`.\$`\$`U`a`-`i`).`\$`\$`d`a`i`c`b`k`Y`Y`_`Y`b`X`g`f`l`*)`X`U`m`g`U`m`Y`U`f`l`"Ʒmci`
U`f`Y`i`b`U`V`Y`h`c`gi`Va`]hmc`i`f`Ugg][`ba`Y`b`h`X`i`Y`h`c`U`Z`U`i`h`k`]h`Hi`fb]hb`mci`a`U`m`i`U`d`d`m`i`Z`c`f`U`b`Y`I`H`f`b`g]cb`z`Vi`hmc`i`
a`i`g`h`f`Y`h`U]b`mci`f`h`W`Y`h`b`i`a`V`Y`f`Z`c`a`9I`H`f`b`U`G`i`d`d`c`f`h`f`U`c`b[`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`h`c`
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`h`c`gi`d`d`c`f`h`mci`f`Y`I`H`f`b`g]cb`U`d`d`]W`h`c`b"Ʒmci`Y`a`U`]9I`H`f`b`U`G`i`d`d`c`f`h`mci`k`]`
U`i`h`c`a`U`h`W`U`m`i`f`Y`W`]j`Y`U`h`W`Y`h`b`i`a`V`Y`f`z`Vi`h`]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`h`c`g`d`Y`W`Z`W`U`m`i`U`g`_`Z`c`f`c`b`Y`"
Hi`fb]hb`U`g`c`d`f`c`j`]X`Y`g`i`d`X`U`H`Y`g`i`c`b`h`Y`]f`g`m`g`h`Y`a`i`g`h`U`h`g`i`c`b`H`k`]h`Y`f`"

;`Y`b`Y`f`U`m`z`U`g`g`Y`g`g`a`Y`b`h`U`g`_`g`a`i`g`h`V`Y`g`i`Va`]h`Y`X`Y`Y`W`f`c`b]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]hb`c`f`U`A`c`c`X`Y`
U`g`g][`ba`Y`b`h`i`b`]b`g`h`U`b`W`g`k`Y`Y`f`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`c`b`mci`f`W`c`i`f`g`Y`g`A`c`c`X`Y`g`]h`Y`k`]h`
U`h`f`b`U`h`j`Y`g`i`Va`]gg]cb`X`Y`h`j`g"

:`c`f`]b`Z`c`f`a`U`h`c`b`c`b`l`c`k`h`c`gi`Va`]h`U`g`g][`ba`Y`b`h`g`i`c`b`]b`Y`j`]U`A`c`c`X`Y`.\`h`h`d`g`#`g`h`X`Y`b`h`i`b`g`k`"Y`X`i`"U`i`#`a`c`k`!
gi`Va`]h`U`g`g][`ba`Y`b`h`a`c`c`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`" #WUb`hU`Y`a Ubm Zcfa gZ`Zca`XY`]VYfUHY`WXUhf]b[`hc`UWV]XYbhU`mW`dm]b[`Zca`U`gci fW`k]h`ci hUW`bck`YX[Ya`Ybh`

I BGK`[fci dg`d`U[]Uf]ga`]bhc`hY`Z`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[YgZ`UfhUbX`XYg][b`dfc`YWgZ`Ug`k`Y`U`g`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dfYgYbhg`UbchYf`g`]XYUg`cf`k`cfXg`k]h`ci hW`YX]h`

#Uddfcdf]UHY`dUfUd`fUg]b[.`7`U`b[]b[`U`Z`k`k`cfXg`UbX`d`fUgYg`k`Y`a`cghmifYU]b]b[`hY`cf][]bU`g`fi`W`fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`Z`UbX`]bZcfa`U]cb`k`]h`ci hUW`bck`YX[Ya`Ybh`H\]g`U`gc`Udd`Yg`]b`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k]h`ci hW`YX]h`UbX`hc`d]Y]W]b[`hc[Y`hY`f`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`Y`c`Z`k]h`ci hUddfcdf]UHY`fYZYfYbW]b["

7c`i`g]cb.`k`cf_]b[`k`]h`chYfg`Vi`hdUgg]b[`cZ`hY`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`XUHY`Zc`f`Zc`f`hY`di`fdcgY`cZ`hY`a`d`U[]Uf]g]b[`Uh`Ubm]h`a`Y`Z`dUm]b[`UbchYf`dYfgcb`hc`dYfZcfa`Ub`UWUXYa`]W]Ug`Z`gh`U`]b[`cf`UW`ei`]f]b[`UbchYf`dYfgcb`g`UWUXYa`]Wk`cf_]`UbX`W`dm]b[`]h`c`Z`Y`f]b[`hc`W`ca`d`Y`h`UbchYf`dYfgcb`g`k`cf_]`cf`g`Y`Y_]b[`dUma`YbhZc`f`W`ca`d`Y`h]b[`UWUXYa`]Wk`cf_]`

#Uddfcdf]UHY`W]hU]cb.`7`h]b[`gci`fW`g`k`Y`W`U`j`Y`bchVYYb`fYUXZ`k`]h`ci hUW`bck`YX[]b[`hY`"gYW`bXUfm`gci`fW`Zc`a`k`Y`W`_`bck`YX[Y`cZ`hY`a`U`g`VYYb`cV]h]bYX"

8i`d`]WU]cb`f`fY`Z`d`U[]Uf]ga`"L`gi`Va`]h]b[`mci`f`ck`b`k`cf_]`b`k`Y`c`f`]b`dUf`f`z`k`Y`fY`]h`U`g`d`fY`]ci`g`m`VYYb`dfY`dUfYX`cf`gi`Va`]hYX`Zc`f`UbchYf`UggYgga`Ybhcf`W`ci`fgY`U`hI`BGK`cf`UbchYf`i`b]j`Yfg]m`

7c`fY`W`fYZYfYbW]b[`d`fUW]W`g.

- DUfUd`fUg]b[Z`gi`a`a`Uf]g]b[Z`YggUm`k`f]h]b[`UbX`h`a`Y`a`UbU[Ya`Ybh`
- 5ddfcdf]UHY`i`gY`cZ`UbX`U`hf]Vi`h]cb`Zc`f`U`fU`b[Y`cZ`a`U`hY`f]U`g`]bWi`X]b[`hYI`h`Z`]a`U[YgZ`Zc`fa`i`UY`UbX`W`b`W`d`rg`"

#X]j`]Xi`U`U`gg]gh`UbW`]g`U`j`U`]UV`Y`cb`f`Y`ei`Y`gh`Zc`a`H\Y`@`Y`f]b[`7`Y`bhY`f`h`hd`##`k`k`"Wi`bgk`"YXi`"Ui`#`"G`h`XYbhg`U`fY`U`gc`f`Ya`]b`X`Y`X`h`U`h`W`f`Y`Z``h`a`Y`a`UbU[Ya`Ybh]g`Ub`]a`dc`f`U`bh`d`U`f`h`c`Z`g`h`X`m`UbX`c`b`Y`c`Z`h`Y`]X`Y`bh`Z`Y`X`W`li`g`Y`g`c`Z`d`U[]Uf]ga`]g`d`cc`f`h`a`Y`a`UbU[Ya`Ybh`G`h`XYbhg`g`l`ci`X`U`ck`i`gi`Z`W`Y`bh]h`a`Y`Zc`f`Y`g`U`f`W`Z`X`f`U`Z]b[`UbX`d`f`c`d`Y`f`f`Y`Z`Y`f`Y`b`W]b[`c`Z`gci`fW`g`]b`d`f`Y`d`U`f]b[`U`U`ggY`gga`Y`bh]h`a`g`"

I BGK`@]V`fUfm`U`gc`U`g`hY`9`@`G`9`hc`U`j`U`]UV`Y`hc`U`gg]gh`mci`k`]h`mci`f`gh`X`m`U`hI`BGK`"9`@`G`9`]g`XYg][bYX`hc`]b`f`c`Xi`W`b`Yk`g`h`XYbhg`hc`g`h`X`n]b[`U`hI`BGK`Vi`h]h`W`b`U`gc`VY`U`[fYU`h`fY`Z`Y`g`Y`f`Xi`f]b[`mci`f`gh`X`n`

7ca`d`Y`h]b[`hY`9`@`G`9`h`hc`f]U`UbX`ei`]n`k`]Y`b`U`V`Y`mci`hc.

- UbU`mgY`hc`d]W`gZ`d`Ub`fY`g`d`c`b`g`Y`g`UbX`cf[Ub]gY`fY`g`Y`U`f`W`Zc`f`UWUXYa`]Wk`f]h]b[`UbX`chYf`UggYgga`Ybh]Ug_g`

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK
-

5 WUXYa]WbZcfa Uhcb`

: cfYggYbh]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 B GK `<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]hmUbX`X]gUV`]`hm/
- UbX`chYfYggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\hfdg.##k k k "Ufng"i bgk "YXi "Ui #W ffYbh\]ghi XYbh\]#JWUXYa \]W\]bZcfa Uh\]cb`dfc\]cVc`g`\[i \]XY`\]bYg#](#)

⇒ U[Y`7 fYX]h

\hfdg.##Vc]a a cbg" k]a YX]U`cf[#]#]Yi ` 58c]b[!h]b[g!X]ZYfYbh]m]a]bX!a Ud!dUi `!ZcfYa Ub"db[

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY. '\$\$\$- , ;