



MDIA3006

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GYa YghYf`Hk c`#`&\$%

GWXcc`cZHAY`5ftg`UbX`A`YXJU`..#`I`BGK`..5ftg`UbX`GcWJU`..GWYbWg

7 ci fgY`Cj Yfj JYk

`GHUZZ7cbhUWhi8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]`m	@cWUhc b	D\cbY
5`mggU`F chk Y`	U"fc h k Y`4 i b g k "YXi "Ui	6mYa Uj` Uddc]bha Ybh`	' %% ' K YVghYf 6i]X]b[- ' ,) * , \$ +

GWx cc`7cbhUWhi`bZcfa Uh]cb

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

D\cbY. f\$&Ł`- ' ,) `(,) *

9a Uj]: [gUa 4 i b g k "YXi "Ui](#)

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

H\Y`GWx cc`cZ h Y`5fng`UbX`A YX]U`k ci`X`_]Y`hc`F YgdYWz`m5W`bck`YX[Y`h`Y`HfUX]h]cbU`7i`g h c X]Ubgž`h`Y`6YXY[U`f`P`Ybg]b[h`c`b`WUa`di`gŁž; UX][U`f`7`]m`UbX`5`fh/`8`Yg][b`7`Ua`di`g`YgŁ`UbX`h`Y`B`[i`bb`Uk`U`d`Y`cd`Y`f`5i`gh`U]`Ub`8`Y`Z`b`W` :`c`f`W`5`W`U`X`Ya`m]b`7`Ub`V`Y`ff`U`Ł`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`U`h`X`"

5 hYbXUbW`F`Yei`]fYa`Ybhg

5`gh`XYbh]g`YI`d`Y`W`X`h`c`U`h`Y`b`X`U`W`U`g`g`W`c`b`h`U`W`h`i`c`i`f`g`Z`c`f`U`Z`J`W`!`h`c`!`Z`J`W`f`l`&`Ł`c`f`V`Y`b`X`Y`X`W`c`i`f`g`Y`U`b`X`W`c`a`d`Y`h`U`W`U`W`j`]h`Y`g`Z`c`f`U`V`Y`b`X`Y`X`c`f`Z`m`c`b`]b`Y`W`c`i`f`g`Y`"

5`gh`XYbhk`c`U`ff]j`Y`g`a`c`f`Y`h`U`b`%`a`]b`i`h`Y`g`U`h`a`U`m`V`Y`d`Y`b`U`]g`Y`X`Z`c`f`b`c`b`!`U`h`Y`b`X`U`b`W`"Z`g`i`W`U`d`Y`b`U`m`]g`]a`d`c`g`Y`X`ž`h`Y`g`h`XYbhia`i`gh`V`Y`]b`Z`c`fa`Y`X`j`Y`f`V`U`m`U`h`h`Y`Y`b`X`c`Z`W`U`g`g`U`b`X`U`X`j`]g`Y`X`]b`k`f`h]b[`k`]h`]b`&(`\`c`i`f`g`"

Z`U`gh`XYbhYI`d`Y`f`Y`b`W`g`]`b`Y`g`g`ž`a`]g`U`X`j`Y`b`h`f`Y`c`f`c`h`Y`f`c`W`W`f`f`Y`b`W`h`U`h`a`U`_`Y`g`U`V`g`Y`b`W`Z`c`a`U`W`U`g`g`#`U`W`j`]m`i`b`U`j`c`]X`U`V`Y`ž`c`f`YI`d`Y`W`g`h`c`V`Y`U`V`g`Y`b`h`Z`c`a`U`Z`c`f`h`W`c`a`]b[`W`U`g`g`#`U`W`j`]m`ž`h`Y`m`i`g`l`c`i`X`g`Y`Y`_`d`Y`f`a`]g`g`]c`b`Z`c`a`h`Y`7`c`i`f`g`Y`5`i`h`c`f`]m`ž`U`b`X`k`Y`f`Y`U`dd`]W`U`V`Y`ž`h`Y`f`f`Y`e`i`Y`g`h`g`l`c`i`X`V`Y`U`W`W`c`a`d`U`b`]Y`X`V`m`U`b`c`f`[`]b`U`c`f`W`f`h]Z`Y`X`W`c`d`m`c`Z`U`a`Y`X`]W`W`f`h]Z`W`U`h`c`f`c`h`Y`f`Z`c`fa`c`Z`U`d`d`f`c`f`]U`h`Y`j`]X`Y`b`W`"

5`7`ci`fg`Y`5`i`h`c`f`]m`a`U`m`YI`W`g`Y`U`gh`XYbhZ`c`a`W`U`g`g`Y`g`c`f`U`W`j`]h`Y`g`Z`c`f`i`d`h`c`b`Y`a`c`b`h`"<`c`k`Y`j`Y`f`ž`h`Y`m`a`U`m`U`g`g`[`b`U`X`X`]h]c`b`U`U`b`X`#`f`U`h`Y`f`b`U`h]j`Y`h`U`g`_`g`h`c`Y`b`g`i`f`Y`W`c`a`d`]U`b`W`"5`7`ci`fg`Y`5`i`h`c`f`]m`W`c`b`g`]X`Y`f`]b[`h`Y`[`f`U`b`h]b[`c`Z`U`V`g`Y`b`W`a`i`gh`V`Y`g`U`h]g`Z`Y`X`U`gh`XYbhk`]`g`h`V`Y`U`V`Y`h`c`a`Y`Y`h`h`Y`W`c`i`f`g`Y`g`Y`U`f`b`]b[`c`i`h`W`c`a`Y`g`U`b`X`#`f`j`c`i`a`Y`c`Z`Y`U`f`b`]b[`"5`gh`XYbhg`Y`Y`_]b[`U`d`d`f`c`j`U`h`c`V`Y`U`V`g`Y`b`h`Z`c`f`a`c`f`Y`h`U`b`c`b`Y`a`c`b`h`a`i`gh`U`d`d`m`]b`k`f`h]b[`h`c`h`Y`8`Y`U`b`U`b`X`d`f`c`j`]X`Y`U`c`f`[`]b`U`c`f`W`f`h]Z`Y`X`g`i`d`d`c`f`h]b[`X`c`W`a`Y`b`h`U`h]c`b`"

:`c`f`a`c`f`Y`]b`Z`c`fa`U`h]c`b`U`V`c`i`h`h`Y`U`h`Y`b`X`U`b`W`d`f`c`h`W`c`g`]b`h`Y` :`U`W`m`i`c`Z`5`f`ng`U`b`X`G`c`W`U`G`W`Y`b`W`g`[\hfdg.#k k k "Ufng"i b g k "YXi "Ui #W ffYbhgh XYbhg#UWUXYa \]W\]bZcfa Uh\]cb#dfc h Wc`g!\[i \]XY`\]bYg#](#)

5 WUXYa]W`bZcfa Uh]cb`

: cf`YggYbh]U`gh XYbh]bZcfa Uhcb`fY`Uh]b[`rc. `fYeI Ygrg`Zcf`YI h`bg]cb/fYj]Yk `cZa Uf_g/cVW dUhcbU`\\YU`h
UbX`gUZ`hm/YI Ua]bUhcb`dfcW`Xi fYg/gdYW]U`Wcbg]XYfUhcb`]b`h`Y`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
gh XYbhYeI]mUbX`X]gUV]`]m`UbX`ch`Yf`YggYbh]U`UWXYa]W]bZcfa Uhcbž
gYY`[\hdg.#k.k"Ufng"i bkg "YXi "Ui #W ffYbhgh XYbng#UWXYa \]W\]bZcfa Uhcb#dfcfcW`g!\[i \]XY`\]bYg#](#)

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhtg '*`

Gi a a UfmicZ`h\Y'7 ci fgY

Gi V`YWh5fYU. A YX]U

⊕`DfcXi W]cb`Gh X]c`mci `k]`k cf_`k]h`Ub`]bXi ghfmW]Ybhlc`XYj Y`cd`U`dfc`YWhlc`fYU`]gU]cbz`]XYbh]z]b[
mci f`fYU`c`ZgdYW]U`]gU]cb`UbX`Vcbgc`]XU]b[`h\Y`g_]`g`hc`hU`_Y`mci `hc`k`UfXg`Ya`d`cma`Ybh]b`h\Y`a`YX]U
]bXi gh]Yg" H\Y`a`U]b`Ya`d`U]g]b`h\]g`Vci`fgY`]g`dfUW]W]`dfcXi W]cbz`Ui [`a`YbhX`VmW]h]W]`UbX`WYU]h] Y
h]b_]b[`k]h]b`U`fU]b[Y`c`ZgdYW]U`]gU]cbg]b`Wi`X]b[`5b]a`U]cbz`]X]Yc`DfcXi W]cbz`⊕`h`fUW]cb`8Yg][`b`cf
Gci`bX"<`cb]b[`mci`f`g_]`g]b`U`f`YU`!`k`cf`X`'`]bXi`ghfmVcb]h]i`h`mci`k`]`dfcXi`W`cf][`]bU`WYU]h]`Y`k`cf`_`fYUXm
Zcf`]bWi`g]cb]b`mci`f`dfcZ]gg]cbU`dfUW]W]`g`lck`fY`U`bX`dcf]z`c"

5 h\Y`VcbWi`g]cb`cZ`h]g`Vci`fgY`h\Y`gh`XYbhk`]`VY`UV`Y`hc

%`8Ya`cbghfU]h`g_]`]b`dfcZ]gg]cbU`dfUW]W]`Zcf[`Ub]gU]cbz`h]a`Y`a`UbU[`Ya`Ybh`Vca`a`i`b]W]h]cb`UbX`U
dYfgcbU`dfcXi W]cb`ghmY
&"`F`YgcdcbX`hc`W]h]W]`ZYXVUW_]b`U`dfcZ]gg]cbU`UbX`WYU]h]`Y`k`Um'
'`" `8Ya`cbghfU]h`Ub`i`bXYfg]UbX]b[`cZ`h\Y`fY`U]h]cbg\]d`cZ`Z`fa`z`Vcb]h]b]h]UbX`Ui`X]YbW]`]b`U`a`YX]U
dfcXi W]cb"
(` `5fh]W`U]h`h\Y]f`d`UW]`]b`h\Y`k`]XYf`A`YX]U`]bXi`ghfm

HYUW]b[`GhfU]h[]Yg`

DfcXi W]cb`Gh X]c`]g`XYg][`bYX`hc`fYUXm`mci`Zcf`Z`h`fY`Ya`d`cma`Ybh]b`h\Y`a`YX]U`dfcXi W]cb`]bXi`ghfm`"5
dfcZ]gg]cbU`dfcXi W]cb`gh`X]c`Ybj`]fcb`a`Ybhk`]`VY`WYU]h]X`k`]h]b`Vci`fgY`fcca`g"

Mci`k`]`VY`gi`ddcf]h]X`hc`k`cf`_`cb`U`gdYW]Z]WdfcZ]gg]cbU`dfc`YWh]dfc]`]XYX`VmU`W]Ybh]"7`UggYg`k`]`VY
ghf]`Wh`fYX`hc`gi`ddcf]h]mci`f`dfcXi W]cb`a`Y`h`c`Xg`UggcW]U]h]X`k`]h]mci`f`gY`YWh]X`W]YbhVf]YZ`

Mci`k`]`U]j`Y`cddcf]h]b]h]Yg`hc.
!a`YYhk`]h`h\Y`W]Ybhtg`UbX`X]gW`gg`h\Y`Vf]YZ]g"
!Yb[`U[`Y`]b`UW]h]`]h]Yg`hc`dfca`ch`WYU]h]`Y`UbX`h`W]b]W]U`g_]`"XYj`Y`cda`Ybh"
!VYVca`Y`]a`a`YfgYX`'`]b`dfUW]W]`dfcXi W]cb`fYgYUfVX`"
!k`cf`_`Vc`"U`VcfU]h]`Y`mf]cf`]b`h`Ua`g`k`Y`fY`bYW]ggUf]h"
!fYW]j]`Y`W]h]W]`ZYXVUW_]`UbX`gi`ddcf]h]Z`ca`h\Y`"YWh`fYfz`dY]Yfg`UbX`h\Y`W]Ybh"
!d]h]W`Ub`]XYU`UbX`dfYdUfY`U`dfc`YWh]dfc]dcgU`'`]b`fYgcdcbgY`hc`h\Y`7`]YbhVf]YZ`

Mci`k`]`VY`YbVci`fU[`YX`hc`hU`_Y`fYgcdcbg]V`]h]mZcf`mci`f`dfcZ]gg]cbU`dfUW]W]`Vm
!dfYdUf]b[`U`dfcZ]gg]cbU`dfc]dcgU`']bWi`X]b[`U`dfcXi W]cb`gW]X]Xi`Y`UbX`Vi`X[`Yh"
!cf[`Ub]g]b[`a`YY]b[`g`k`]h`mci`f`W]Ybh"
!Vcc_]b[`dfcXi W]cb`gdUW]g`UbX`Yei`]da`Ybh"
!XYj`Y`cd]b[`UbX`[`U`h\Y]f]b[`U`"h\Y`fYgci`fW]g`mci`f`Yei`]fY`hc`[`Yh]h\Y`cV`XcbY`"
!dU]h]W]dU]h]b[`]b`fY[`i`Uf`]bZ`fa`U`ZYXVUW_]gYgg]cb"

5ggYgga Ybh

H\Y'XYgWf]dh]cb'cZUggYgga YbhHUg_g'UfY'bcU'k Umg'Wc'ffYWh

5'k Umg'fYZf'hc'h\Y'XYHJ]YX'Vf]YZ[]j'Yb']b'WUgg/']j]U'a ccX'Y'Zcf'U''UggYgga YbhHUg_g

A ccX'Y']bZcfa Uh]cb'UbX']b'WUgg']bZcfa Uh]cb']g'h\Y'Wc'ffYWh]bZcfa Uh]cb"

H\Y']bZcfa Uh]cb'cb'h]g'XcW'a Ybh]g'[YbYfUH'X'Ui'hc'a Uh]WU'mUbX'WU'b''UW_'XYHJ]'UbX'UWVW'UfUWV'

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_g'	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hW'a Yg'5ggYggYX
A YX]U'DfcXi W]cb'DcftZ'c'	' \$i		

GHUfhXUHY. Bch5dd]WUVY

@Yb[h. H\Y XYgWf]dh]cb`cZ5ggYgga Ybh&]g`]bWc`ffYWf`#ig\ci `X`fYUX`7`]YbhDfc`YWh!`:`]bU`8fUZh DfYgYbhU]cb

8YHU]`g. `#Xj]]Xi U`dfc`YWf`&\$!` \$`gYVcbXg`J]XYc"Gh XYbhg`fYW]j`Y`Zcfa`Uhj`Y`j`YfVU`ZYXVUW`zk`f]HYb Wca`a`Ybhg`UbX`U`bi`a`Yf]WU`[`fUXY"

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

H\Y`XYgWf]dh]cb`cZUggYgga Ybh&]g`]bWc`ffYWf`

#ig\ci `X`fYUX`

7`]YbhDfc`YWh!`:`]bU`8fUZhDfYgYbhU]cb

8i`Y`]b`Gh`X]c`7`Ugg`K`YY_`-`Hi`YgXUm%`h`GYdH`a`VYf`cf`H\i`fgXUm&\$h`GYdH`a`VYfz`&\$%

5`k`Umg`fY`Zf`hc`h\Y`XYHU]`YX`Vf]YZ[`]j`Yb`]b`WUgg#`]U`a`ccX`Y`Zc`f`mci`f`DYfgcbU`Dc`fhZ`c`/`"G]hn`Y`"F`YY` DUW_U[`Yz`]bW`X]b[`]bZcfa`Uh]cb`UVci`h`h\Y`:`fYY`UbW`A`Uf`_Yh8`Um`

A`ccX`Y`]bZcfa`Uh]cb`UbX`]b`WUgg`]bZcfa`Uh]cb`]g`h`Y`Wc`ffYWh]bZcfa`Uh]cb"

H\Y`]bZcfa`Uh]cb`cb`h`]g`XcW`a`Ybh]g`[`YbYfUH`X`Ui`hc`a`Uh]WU`m`UbX`WU`b`UW`_`XYHU]`UbX`UVW`UfUWf`

Gi`Va`]gg]cb`bchYg.8i`Y`]b`Gh`X]c`7`Ugg`K`YY_`-`Hi`YgXUm%`h`GYdH`a`VYf`cf`H\i`fgXUm&\$h`GYdH`a`VYfz`&\$%

5ggYgga Ybh' . 7`]YbhDfc`YWh&

GHUfhXUHY. Bch5dd]WUVY

8YHU]`g. `#Xj]]Xi U`cf`Ga`U`";`fci`d`fi`d`hc`" `E`:`cfa`Uh/`Xi`fU]cb`gdYW]Z]W`hc`h\Y`"W]YbhVf]YZ`"f]]XYcZ 5b]a`Uh]cb`cf`Gci`bX`E`H\]g`]g`h`Y`Z]bU`UggYgga YbhUg_`Zc`f`UH`Y`bXUbW`di`fdcgYg"Gh XYbhg`fYW]j`Y`j`YfVU` ZYXVUW`_`Zca`@YWh`fYf`/`7`]YbhUbX`U`bi`a`Yf]WU`[`fUXY"

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

5`k`Umg`fY`Zf`hc`h\Y`XYHU]`YX`Vf]YZ[`]j`Yb`]b`WUgg#`]U`a`ccX`Y`"

A`ccX`Y`]bZcfa`Uh]cb`UbX`]b`WUgg`]bZcfa`Uh]cb`]g`h`Y`Wc`ffYWh]bZcfa`Uh]cb"

H\Y`]bZcfa`Uh]cb`cb`h`]g`XcW`a`Ybh]g`[`YbYfUH`X`Ui`hc`a`Uh]WU`m`UbX`WU`b`UW`_`XYHU]`UbX`UVW`UfUWf`

Gi`Va`]gg]cb`bchYg.8i`Y`]b`Gh`X]c`7`Ugg`K`YY_`%&`fHi`YgXUm`cf`H\i`fgXUm`

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gh XYbng`UfY`YI dYW`X`hc`di h`h`Y]f`bUa Yg`UbX`gh XYbhbi a VYfg`cb`Yj YfmdU[Y`cZ`h`Y]f`Ugg][ba Ybhg"

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

- K cf_`gi Va]hYX`%\$`hc`%-`XUmg`UZhYf`h`Y`gh]di`UH`X`XYUX`]bY`k`]`VY`UggYggYX`UbX`ZYXVUW`dfcj`]XYX`Vi`hU`a`Uf`_`cZnYfc`k`]`VY`fYW`fYX`"Z`h`Y`k`cf`_`k`ci`X`Uj`Y`fYW`]YX`U`dUgg`a`Uf`_`Vi`hZcf`h`Y`UH`bYgg`UbX`h`Y`k`cf`_`g`U`W`a`di`gcfm`W`i`fgY`W`a`dcbYbh`f`i`fX`Y`fYei`]fYa`YbhZ`U`gh`XYbhk`]`VY`XYYa`YX`hc`Uj`Y`a`Yh`h`UhfYei`]fYa`Ybh`
- K cf_`gi Va]hYX`&\$`cf`a`cfY`XUmg`UZhYf`h`Y`gh]di`UH`X`XYUX`]bY`k`]`bchVY`UWW`d`h`X`Zcf`UggYgga`Ybh`UbX`k`]`fYW`]Y`bc`ZYXVUW`za`Uf`_`cf`[`fUXY`"Z`h`Y`UggYgga`Ybh`Ug`_`]g`U`W`a`di`gcfm`W`a`dcbYbh`c`Z`h`Y`W`i`fgY`U`gh`XYbhk`]`fYW`]Y`Ub`l`bgUhg`Z`U`W`c`fm`:`U`]`fl`:`k`[`fUXY`Ug`U`fYgi`hc`Z`i`bgUhg`Z`U`W`c`fmdYfZ`fa`UbW`]b`Ub`YggYbh]U`W`a`dcbYbh`c`Z`h`Y`W`i`fgY`"

H\]g`]bZ`fa`U`h`cb`]g`U`gc`Uj`U]UV`Y`Uh`

[\h`dg`##k`k`k`"Ufmg`i`bgk`"YXi`"Ui`#W`ffYbh`gh`XYbhg`#JW`X`Ya`\]W`\]bZ`fa`U`h`cb`#df`ch`W`c`g`\[`i`\]X`Y`\]bYg`#`](#)

GdYW]U`7`cbg]XYfU]cb`5`dd`]W]h]cbg`

Mci`W`b`Udd`m`Zcf`gdYW]U`W`cbg]XYfU]cb`k`Y`b`]`bYgg`cf`ch`Yf`W]fW`a`gh`Ub`W`g`]b`h`f`Z`f`Y`k`]h`m`ci`f`UggYgga`Ybh`d`Yf`Z`fa`UbW`"

G]W`bYgg`za`]g`U`X`j`Y`bh`f`Y`cf`ch`Yf`W]fW`a`gh`Ub`W`g`V`Y`nc`b`X`m`ci`f`W`c`b`f`c`a`Um`

f`D`f`j`Y`bh`m`ci`Z`ca`W`a`d`Y`h`b`[`U`W`i`fgY`f`Yei`]fYa`Y`bh`z`

f`?`Y`Y`d`m`ci`Z`ca`U`h`Y`b`X`]b`[`Ub`UggYgg`UV`Y`U`W`]j`]m`z`

f`G`h`c`d`m`ci`g`i`Va`]h`]b`[`UggYgg`UV`Y`k`cf`_`Zcf`U`W`i`fgY`z`

f`G`[`b`]W`b`h`m`U`Z`Y`W`h`m`ci`f`d`Y`f`Z`fa`UbW`]b`UggYgg`UV`Y`k`cf`_`Z`V`Y`]h`U`Z`fa`U`Y`b`X`!`c`Z`g`Ya`Y`gh`f`Y`I`Ua`]b`U`h`c`b`z`U`W`Ugg`h`Y`g`h`z`U`U`V`c`f`U`h`c`f`m`h`Y`g`h`z`U`g`Ya`]b`U`f`d`f`Y`g`Y`b`h`U`h`c`b`c`f`U`b`m`c`h`Y`f`Z`fa`c`Z`UggYgga`Y`bh`

:`cf`Z`f`h`Y`f`XY`h`U`]g`]b`f`Y`U`h`c`b`hc`GdYW]U`7`cbg]XYfU]cb`]b`W`i`X`]b`[`"K`Y`b`hc`5`dd`m`z`"<`ck`hc`5`dd`m`Ub`X`"Gi`d`d`c`f`h`b`[`8`c`W`a`Y`b`h`U`h`c`b`"d`Y`U`g`Y`f`Y`Z`f`hc`h`Y`GdYW]U`7`cbg]XYfU]cb`k`Y`V`gh`Y`."

[\h`dg`##gh`XYbh`i`bgk`"YXi`"Ui`#gdYW\]U`W`cbg\]XYfU\]cb`](#)

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" `hWUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[`hc`UWV]XYbhU`mW`dm]b[`Zca `U`gci fW`k]hCi hUW_bck`YX[Ya Ybh`

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

7 cdm]b[.`i g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hYI hcf`]XYU`k]hCi 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`Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k cfXg`k]hCi hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`7`Ub[]b[`U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[`hY`cf][]bU`
ghfi W`i fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`Z`UbX`]bZcfa U]cb`k]hCi hUW_bck`YX[Ya Ybh`H\]g`U`gc
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k cfXg`k]hCi hWYX]hU`bX`hc
d]YW]b[`hc[YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k]hCi hUddfcdf]UHY`fYZYfYbW]b["

7 c`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_"`7 c`i g]cb`U`gc

7 ci fgY'GWXYXi `Y

[J.Jyk.WUgg.ha.YhUV.Y](#)

H]a YhUV`Y`

8UH	HmdY	7cbhYbh
K YY_%&'>i`m!&-'>i`m	Gh X]c	5b`Cj Yfj]Yk `? V[S%" " (BdaVgUf[a` E fgV[a
K YY_&.`\$>i`m!`) 5i [i gh	Gh X]c	A 7 => ; i YghGdYU_Yf
K YY_`.*`5i [i gh!`%& 5i [i gh	Gh X]c	5 W f Bda`WUf BdWbdaVgUf[a`
K YY_(`.%`5i [i gh!`%- 5i [i gh	Gh X]c	E bWU[S^9 gWef E bWS] WdF 4 5
K YY_)`.&\$`5i [i gh!`&` 5i [i gh	Gh X]c	5 W f Bda`WUf BdaVgUf[a`
K YY_*.`&+`5i [i gh!`& GYdhYa VYf	Gh X]c	8dWWS` UWdE Wf Zgb ` ? Sd] Wf
K YY_+.`GYdhYa VYf!`- GYdhYa VYf	Gh X]c	5 W f Bda`WUf BdaVgUf[a`
K YY_`.%\$`GYdhYa VYf! %*`GYdhYa VYf	Gh X]c	5 W f Bda`WUf BdaVgUf[a`
K YY_`.%+`GYdhYa VYf! &`GYdhYa VYf	Gh X]c	DfYgybhU]cb`cZ7`]YbhdFc`YWh`#ZYXVUW`gYgg]cb
6fYU_`.&(`GYdhYa VYf! '\$`GYdhYa VYf		
K YY_%.`%C`WtcVYf!`+ C`WtcVYf	Gh X]c	7`]YbhdFc`YWh`DfcXi`W]cb`/`7`cbgi`hU]cb
K YY_`%`,`C`WtcVYf!`%(C`WtcVYf	Gh X]c	7`]YbhdFc`YWh`DfcXi`W]cb`/`7`cbgi`hU]cb
K YY_`%&.`%)`C`WtcVYf! &%`C`WtcVYf	Gh X]c	GWfYYb]b[`/`8Y`]j`YfmcZ:`]bU`Dfc`YWh

F Ygci fWg

DfYgW]VYX F Ygci fWg