



D5`&&\$`6U`UbW`%"\$

D5%&

9CG; ; a V< ! '9`YWffc`Cdh]WU`GmghYa g

DfcXi`_hYI h

DfcXi`_hYI h

8Ug`k`Y]E`]W`Y: Y]bdi`j`Yf`D5`&&\$`Ui`Z`XYf`6U]g]j`cb`Dc`mJa`[X`%&`V]YH`h`a`]hgY]bYa`gY`f`Ui`g`[Yk`c`[YbYb`9][YbgWk`UzhgdfcZ`VfY]h`Yz`Wk`Yfh`5bk`YbXi`b`[ga`" `[`]Wk`_Y]hYb`"@Ugyf!`[Yg]bhYfhr`6Ui`hY`Y`Ui`g`D5`&&\$`VYg]mYb`Ui`g`[YnY]Wk`bYH`A`UhYf]U`Y][YbgWk`UzhYb.

i` \c\Y: Ygh]`[_Y]h`i`bX`GHZ]`[_Y]h
j` [i`hY`7\Ya`_U`Y]bVYgh]`bX]`[_Y]h
j` \c\Y`@Ub`[nY]hgHUV`]h`h
j` [i`hY`HFYbbgWk`fZ]b`Ui`Z`"gi`b`[i`bX`8YhU]`hYi`Y
j`]`Y`Z`h`[Y`B`UWk`VY\`UbX`i`b`[ga`" `[`]Wk`_Y]hYb`fh`"6`"A`YHU`]g]Yfi`b`[z`9]bVfYbb`UW_]Yfi`b`[z: `Y]hgWk`Y]Z]bZ`HUI`Wk`Z`fVYbZ`6Y`YVi`b`[z`Di`j`YfVYgWk]Wk`h`b`[z`6YzCw]i`b`[t
j`]`c`_ca`dU]hVY`bUWk`9B`=GC`%\$`-`-`!`%`i`bX`!`GD#`Y`Y`Y`=#%&%`\$7
j` nYfh]Z]h]Yfh`Z`f`@YVYbga`]hY`_cbhU`_h`[Ya`}`E`XYf`9!`!`?`bghgchZ]8]FY`_h]`Y`&\$`\$`#`+`#`97`f5i`gb`. ` \cWk`U`_c`c`]gWk`Y`Ybi`gga`]hY`t

Hmd]gWk`Y`5bk`YbXi`b`[Yb`XYg`K`Yf`_ghcZZYg`g]bX`j`c`"Z`b`_h]cbgZ`\`][Y`6Ui`hY]Y`"Wk`ghYf`E`i`U]h]h`5i`Z: `fi`bX`XYf`Ui`g`[YnY]Wk`bYH`b`a`YWk`Ub]gWk`Yb`9][YbgWk`UzhYb`XYg`A`UhYf]U`g`Z]bXYhYg`\`i`Z]`9]bgUm`U`g`Gi`Vgh]h`h]cbgk`Yf`_ghcZZ`Z`f`"V`]Wk`Y`Gdf]m`[i`ggk`Yf`_ghcZZ`"8Ygk`Y]hYfYb`Yf`Ui`VYb`X]Y`6]c`_ca`dU]hV]`]h`hXYg`A`UhYf]U`g`X]Y`5bk`YbXi`b`[n`"6`"j`b`XYf`Dfch`Yh]_z`gck`]Y`X]Y` \c`Y`J`Yf`gWk`Y]EzYgh]`[_Y]h`X]Y`F`YU`g]Yfi`b`[VYk`Y`[`]Wk`Yf`6Ui`hY]`YfV]bXi`b`[Yb`"

%&\$`±a`GWk]Wk`hX]W]Y`
8]Y`Gh]f`_Y`XYg`DDA`!`DufUa`YhYfGYh`"6U`UbW`"]gh`gY]bY`5i`g]`Yk`c`[Yb`Y]h`"9f`V]YhYh`VY]`%&\$`±a`GWk]Wk`hX]W]Y`Y]bY`cdh]a`U`Y`6U`UbW`nk`]gWk`Yb: `Yfh]`[i`b`[g`cghYbZ`A`YWk`Ub]_z`C`VYfZ]`Wk`Ybei`U]h]h`i`bX: `YbUi`][`_Y]h`9f`Y][`bYh]gWk`gc`Z`f`6Ui`hY]Y`i`bhYfgWk]YX`]Wk`ghYf: `Yca`Yhf]YbZ: `f`EYb`i`bX`5bZcfXYfi`b`[Yb`"

A`YWk`Ub]gWk`Y`9][YbgWk`UzhYb	K`Yfh	9]b\Y]h	Df`Zbcfa
=ncX`?`YfVgWk`U`[n]\`][`_Y]h`fZ`&`\$7t	("	_>#a	=GC`%`\$`#%5
G\cY\`Y`fhY`8)	!	=GC`+`*`%`!`%

'`8`8`UhYb	K`Yfh	9]b\Y]h	Df`Zbcfa
8]Y`9][YbgWk`UzhYb]`cb`6Ui`hY]Yb`Ui`g`[YbYfU]h]`Yb`J`YfZ\`fYb`fk`]Y`@UgYg]bhYfZ`GHYfYc`]h`c`[fUd\]Yz: `i`gYX`8Ydcg]h]cb`A`cXY`]b`z`8!`8fi`W`YbE`g]bX`Xi`fWk`XYb`gWk]Wk`k`Y]gYb`5i`ZVU`hY]k`Y]gY]`cb`XYf`F]Wk`h`b`[Uv\`b]`[["`8]Yg`a`i`gg`Y]Y`XYf`?`cbgfh`_h]cb`i`bX`Cf]Ybh]Yfi`b`[XYg`6Ui`hY]g`YfV`W]g]Wk`h]`hk`YfYXb`"			=GC`)`&+
Ni`[a`cXi` L!F]Wk`h`b`[M]F]Wk`h`b`[N!F]Wk`h`b`[%*)`\$ %*)`\$ %*)`\$	A`DU A`DU A`DU	
Ni`[Z]Ygh]`[_Y]h` L!F]Wk`h`b`[M]F]Wk`h`b`[N!F]Wk`h`b`[(`,` (`,` (`&	A`DU A`DU A`DU	=GC`)`&+
6fi`Wk`XY\`bi`b`[L!F]Wk`h`b`[M]F]Wk`h`b`[N!F]Wk`h`b`[% % (l l l	=GC`)`&+
7\Ufdm]GWk`U`[n]\`][`_Y]h`fZ`&`\$7z`L!F]Wk`h`b`[t)`	_>#a	=GC`%+`-`#%Yl
7\Ufdm]?`YfVgWk`U`[n]\`][`_Y]h`fZ`&`\$7z`L!F]Wk`h`b`[t	("	_>#a	=GC`%+`-`#%Y5
6]Y`[Ya`cXi`"f&`\$7z`L!F]Wk`h`b`[t	%)`\$\$	A`DU	=GC`%+`,`

H\`Yfa`]gWk`Y`9][YbgWk`UzhYb	K`Yfh	9]b\Y]h	Df`Zbcfa
GVk`a`Y`nhYa`dYfU]h`f`f&\$7#a`]b]t	%+`*`	\$7	=GC`%`%` `) `+!`%#`'`
J]Wk`h`9fk`Y]Wk`i`b`[ghYa`dYfU]h`f`f`\$7#` \ `) `]B]t	%*`'`	\$7	=GC`" ` \$*`

GHUbX. `&\$%`!%&`&`Ei`Y`Y. `k`k`k`"a`UhYf]U`XUH`W`bhYf`"Vta`
8]Y`5b`[UVYb`Yb]gdfYWk`Yb`i`bgYfYa`?`Yb]h]g]`i`bX`9fZ]A`fi`b`[ggh]UbX`ni`a`"NY]hdi`b`hXYf`J`Yf`ZYbh]Wk`i`b`["G]Y`V]XYb`U`Y]b`_Y]bY`Ui`gfY]Wk`YbXY: `fi`bX`U]`Y`Z`f`Y]bY`6Ui`hY]Ui`gY]`[i`b`["6Ygh]a`a`hY`9][YbgWk`UzhYb`XYg`DfcXi`_hYg`cXYf`Y]bYg`6Ui`hY]g`cXYf`X]Y`9][bi`b`[XYg`DfcXi`_hYg`cXYf]`cb`6Ui`hY]Yb`Z`f`Y]bY`gdYn]Z]gWk`Y`5bk`YbXi`b`[k`YfXYb`\]Yfa`]h`k`XYf]j`YfY]bVUf]hbcW`[UfU]h]Yf]h`8Yf`DfcXi`nYbh`cXYf`XYf`5VbY\`a`Yf`Y]bYg`6Ui`hY]g`]gh`Z`f`X]Y`y`Yf]df`Z`b]`XYf`9][YbgWk`UzhYb`i`bX`XYf`9][bi`b`[Z`f`Y]bY`_cb`fYH`5bk`YbXi`b`[j`YfU]b]k`cf]Wk`"8]Yg`[]h`Ui`Wk`\]bg]Wk`h]Wk`XYf`K`U`fi`b`[j`cb`a`["]Wk`Yb`GWk`i`hYfWk`hYb`gck`]Y`VYgh\`YbXYf: `YgYmY`i`bX`6Ygh]a`a`i`b`[Yb`"a`F`U`a`Yb`XYf`_cb]h]b]`j]f]Wk`j`cb`9CG`VYf]YVYbYb`9b]k`]W]i`b`[g]i`bX`J`YfVYgYfi`b`[gdfcnYgY`_`bbYb`g]Wk`X]Y`5b`[UVYb`c\`bY`J`c`fU]b`_`bX]`[i`b`[`]bXYfb`"

D5 `&&\$ \$ `6U`UbWV`%"\$

D5%&

9CG` ; a V< `! `9`YWfc `C dh]WV` GmghYa g

6fYbbVUF_Y]h

I @- (

Df~ Z b[`VYghUbXYbz`<6

\$") a a

Df~ Z b[`VYghUbXYbz`<6

%"* a a

Df~ Z b[`VYghUbXYbz`<6

`"& a a

5bXYfY`9][YbgVX UZnYb

K Yfh

9]b\Y]h

Df~ Zbcfa

8]VX hY`fUgYf[Yg]bhYfh

- ` \$

_ [#a

9CG`A Yh\cXY

Di `j` YfZUFVY`fU i hG]VX Yf\Y]hgXUHYbV`Uht

K Y]E

!

!

A Yf_a U`Y

J YfUfVY]hi b[ga Yh\cXYb

@UgYfg]bhYfbz`F Ud]X` Dfc hcmd]b[

7\Ya]_U`]YbVYgh] bX][_Y]h

5``[Ya Y]bY`7\Ya]_U`]YbVYgh] bX][_Y]h

@]YZfZcfa Yb

Di `j` Yf

NYfh]Z_ Uhy

: 85! Ni `Uggi b[`bUW `l GD`6]c`c[]WV` hYgh fWUgg]Z]W]hcb

J `#%&%s7t

GhUbX. `&\$% !%& & `E i Y`Y. `k k k `a UHYf]U XUHW`bhYf`Vta

GY]H. `&#&

8]Y`5b[UYyb`YbghdfYVX Yb`i bgYfYa `? Ybbfb]gl`i bX`9fZ\ fi b[gghUbX`ni a `NY]di b_hXYf`J Yf`ZYbh]W i b[``G]Y`V]XYb`U`Y]b`_Y]bY`Ui gfY]VX YbXY` ; fi bX`U[Y`Z`f`Y]bY`6Ui hr]Ui gY[i b[``6Ygh]a a hr`9][YbgVX UZnYb`XYg DfcXi _hYg`cXYf`Y]bYg 6Ui hr]g`cXYf`X]Y`9][bi b[`XYg`DfcXi`_hYg`cXYf`] cb`6Ui hr]Yb`Z`f`Y]bY`gdYn]Z]gWY`5bk YbXi b[k YfXYb` \]Yfa]hk YXYf`j YfY]bVUfhbcW` [UfUbh]Yfhr`8Yf`DfcXi`nYbh`cXYf`XYf`5VbY\ a Yf`Y]bYg`6Ui hr]g`]gh`Z`f`X]Y`y VYfdf`Z`b[`XYf`9][YbgVX UZnYb`i bX`XYf`9][bi b[`Z`f`Y]bY`_cb`fYHr`5bk YbXi b[`j` YfUbtk`cfh]W`" 8]Yg[]hUi Wk` \]bg]VX h]W`XYf`K`U`fi b[`j`cb`a`["]WYb`GVX`i hmfYW`Hr`gck]Y`VYgh` \YbXYf` ; YgYmY`i bX`6Ygh]a`a`i b[`Yb`" `a`F`U`a`Yb`XYf`_cb]bi]Yf]W`j`cb`9CG`VYhr]YVYbYb`9brk]W`i b[gl`i bX`J`YfVYggYfi b[gdfcnYggY`_`bbYb`g]W`X]Y`5b[UYyb`c\ bY`J`cfUb`_`bX][i b[`] bXYfb`