



9CG`HDI`%`\$`

HDI

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

A YW Ub]gWY`9][ YbgW UZhYb	K Yfh	9]b\Y]h	Df`Zbcfa
5Vf]YVvk ]XYfghUbX	,	a a	=GC`(`*`(-`
G\cfY\} fHY`5	,	!	=GC`+`*`%`-`!`%

' 8`8`UHyb	K Yfh	9]b\Y]h	Df`Zbcfa
8]Y`9][ YbgW UZhYb ] cb`6Ui H]Yb`Ui g`[ YbYfUH] Yb`J YfZ\Yb`fk`Y`@UgYfg]bhYfbz`GHYfc`]h`c`[ fUD\]Yz`i`gYX`8Ydcg]hcb`AcXY`]b[ z`' 8! 8fi`W_YbE`g]bX`Xi`fW`XYb`gW]Wk`k`Y]gYb`5i`ZVUi`H]Y`k`Y]gY`j`cb`XYf`F]W]h`b[ `UV\`b[ ] [ ` `8]Yg`a`i`gg`VY]`XYf`?`cbgfrf`_]hcb`i`bX`Cf]Ybh]Yf`b[ `XYg`6Ui`H]g`VYf`W_g]W]h[ `h`k`YfXYb`			
Ni [ a cXi`			=GC`)`&+
L!F]W]h`b[	*`\$	A DU	
MF]W]h`b[	*`\$	A DU	
N!F]W]h`b[	*`\$	A DU	
Ni [ ZYgh]`_Y]h			=GC`)`&+
L!F]W]h`b[	+	A DU	
MF]W]h`b[	+	A DU	
N!F]W]h`b[	)	A DU	
6fi`W]X`Y\`bi`b[			=GC`)`&+
L!F]W]h`b[	&)`\$	!	
MF]W]h`b[	&)`\$	!	
7\Ufdm`G]W`U[ n]`_Y]h			=GC`%+`-`#`%YI
Z`&`s7z`L!F]W]h`b[	B	_>#a	
Z`&`s7z`MF]W]h`b[	B	_>#a	
Z`&`s7z`N!F]W]h`b[	B	_>#a	
7\Ufdm`?`YfVg]W`U[ n]`_Y]h			=GC`%+`-`#`%Y5
Z`&`s7z`L!F]W]h`b[	B	_>#a	
Z`&`s7z`MF]W]h`b[	B	_>#a	
Z`&`s7z`N!F]W]h`b[	B	_>#a	
6]Y[ Ya`cXi`			=GC`%+`,
&`s7z`L!F]W]h`b[	*`(`	A DU	
&`s7z`MF]W]h`b[	*`(`	A DU	
&`s7z`N!F]W]h`b[	*`-`	A DU	
:`cfa`VYgh]`bX][`_Y]h]ghYa`dYfUhi`f			=GC`+`)!`%#`&
\$`(`)`A`DUz`L!F]W]h`b[	)`\$	s7	
\$`(`)`A`DUz`MF]W]h`b[	)`&	s7	

H\Yfa`]gWY`9][ YbgW UZhYb	K Yfh	9]b\Y]h	Df`Zbcfa
G]W`a`Y`nhYa`dYfUhi`f`f&\$s7`#a`]bE	%`,	s7	=GC`%`%`(`)+`!`%#`'`
:`cfa`VYgh]`bX][`_Y]h]ghYa`dYfUhi`f`f`s`(`)`A`DUz`	)`\$	s7	=GC`+`)!`%#`&

5bXYfY`9][ YbgW UZhYb	K Yfh	9]b\Y]h	Df`Zbcfa
K`UggYfUi`ZbU\`a`Y	\$`,"`)	!	s\b`]W`]=GC`*`&
8]W]hY`fUgYf[`Yg]bhYfhE	%`%`%`\$	_`[`#a	9CG`A`Yh`cXY
Di`j`YfZUfVY`f]Ui`h`G]W]YfY`Y]hgXUHybV`UhtE	K`Y]E	!	!
:`UfVY`XYf`6Ui`H]Y	K`Y]E	!	!

A Yf\_a UY

J YfUfVY]hi b[ ga Yh`cXYb  
5XX]h]j`A`Ubi`ZUW]i`f]b[`z`@UgYfg]bhYfb

7\Ya`\_]U`YbVYgh]`bX][`\_Y]h  
<nXfc`nh]g]W`ghUV]

@YZYfZcfa`Yb  
Di`j`Yf

5bk`YbXi`b[`Yb  
5i`hca`cV]z`Gdcfh

GHUbX.`&\$&\$!\$)!%&Ei`Y`Y.`k`k`k`a`UHYf]U`XUH]W]bhYf`W`a`  
 8]Y`5b[ UVYb`Yb]gdYfW]Yb`i`bgYfYa`?`Yb]b]g]i`bX`9fZ]A`fi`b[`ggh]UbX`ni`a`[NY]hdi`b`h`X`Yf`J`Yf`ZYb]h]W]i`b[`"G]Y`V]XYb`U`Y]b`\_Y]bY`Ui`gfY]W]YbXY`i`fi`bX`U[`Y`Z`f`Y]bY`  
 6Ui`H]Y]Ui`gY[`i`b[`"6Ygh]a`a`H`9][`YbgW`UZhYb`XYg`DfcXi`\_H]g`cXYf`Y]bYg`6Ui`H]Y]g`cXYf`X]Y`9][`bi`b[`XYg`DfcXi`\_H]g`cXYf`cb`6Ui`H]Y]b`Z`f`Y]bY`gdYn]Z]gW]Y`5bk`YbXi`b[`  
 k`YfXYb`\_Y]fa`]h`k`YXYf`j`YfY]bVUf]hbcW`[`UfU]h]Yf]h`8Yf`DfcXi`nYb]h`cXYf`XYf`5VbY\`a`Yf`Y]bYg`6Ui`H]Y]g`]h`Z`f`X]Y`y`VYf]f`Z`b[`XYf`9][`YbgW`UZhYb`i`bX`XYf`9][`bi`b[`Z`f`Y]bY`  
 \_cb`fYH`5bk`YbXi`b[`j`YfU]b]k`c]h]W`"8]Yg[`]h`Ui`W`\_`]b]g]W]h]W]X`Yf`K`U`fi`b[`j`cb`a`["]W]Yb`G]W]i`h]fY]W]h]b`g`ck`j`Y`VYgh]YbXYf`YgYmY`i`bX`6Ygh]a`i`b[`Yb`"a`F`U`Ya`Yb`  
 XYf`\_cb]h]b]j`Yf]W]j`cb`9CG`VYf]Y]VYbYb`9b]k`]W]i`b[`gl`i`bX`J`YfVYggYfi`b[`g]dcfnYggY`\_`bbYb`g]W`X]Y`5b[`UVYb`c\bY`J`cfUb`\_`bX][`i`b[`]bXYfb`

G]Y]H.`%`#`&

9CG`HDI`%' \$%

HDI

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

A Yf\_a U`Y

9fa`Xi b[ gVYgh] bX][ \_Y]h

GhUbx. '&\$&\$!)%&'Ei Y`Y. 'k k k "a UHYf]U XUHUW`bHYF"Vta GY]HY. '&#&  
8]Y`5b[ UYyb`YbfgdfYVWYb`i bgYfYa `?Ybfb]gl`i bX`9fZ\fi b[ gghUbx`ni a`NY]hdi b\_hXYf`J Yf`ZYbh]W i b["G]V]XYb`U`Y]b`\_Y]bY`Ui gfY]WYbXY; fi bX`U[ Y`Z`f`Y]bY  
6Ui hr]Ui gY[i b["6Ygh]a a hr`9][ YbgWUZhYb`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][ YbgWUZhYb`i bX`XYf`9][ bi b[ `Z`f`Y]bY  
\_cb\_fYHr`5bk YbXi b[ `j`YfUbt`k`cfh]W`"8]Yg`[ `]h`Ui`W`^]bg]W`h]W`XYf`K`U`fi`b[ `j`cb`a`["]WYb`GW`i`mfYW`H`b`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`VYhf]YVYbYb`9btk`]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"