



GWcc`cZH Y`5ftg`UbX`A`YXJU`#`I`BGK`..5ftg`UbX`GcWJU`GWYbWg



7 ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWhi8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWWhcb	D\cbY
9f]b`6fUbb][Ub	Y"VfUbb][Ub4 i bgk "YXi "Ui	&!` da `Hi YgXUm	F "%%- `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 bgk "YXi "Ui](#)

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

H\Y`GWx cc``cZhY`5fng`UbX`A YX]U`k ci `X``_Y`hc`F YgdYWz`m5W_bck`YX[Y`hY`HfUX]hcbU``7i`ghcX]Ubgž`hY`6YXY[U`fP`Ybg]b[hcb`WJa`di`gŁž;`UX][U`f7`]mUbX`5fhi`8Yg][b`7 Ua`di`gYgŁ`UbX`hY`B [i`bbUk`U`dYcd`Y`f5i`ghU]Ub`8YZ`bWV`:`cfW`5WUXYa`mi]b`7`UbVYffUŁ`cZhY`UbXg`k`YfY`YUWx`WJa`di`g`cZI`BGK`]g`cWWhYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bmg`*`

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

Gi V`Y`W`h`5`f`Y`U` `F`Z`W`S`f`d`W`S` `V`B`W`d`_`S` `U`W`E`f`g`V`[`W`e`
H`\\`g`W`c`i`f`g`Y`W`b`U`g`c`V`Y`g`h`X`Y`X`]`b`h`Y`Z`c`k`]`b`[`g`d`Y`W`U`]`g`U`h`c`b` 5`d`W`S`f`[`h`W`I` `d`f`[`Y`

F`Y`j`]`Y`k`]`b`[`h`Y`5`f`g`Y`I`d`c`f`Y`g`U`j`U`f`]`Y`h`m`c`Z`k`f`]`h`b`[`a`c`X`Y`g`]`b`U`f`g`i`c`i`f`b`U`]`g`a`z`]`b`W`i`X`]`b`[`]`b`h`Y`f`j`]`Y`k`g`z`d`f`Y`j`]`Y`k`g`
U`b`X`f`Y`j`]`Y`k`g`"`H`\\`f`c`i`[`\\`V`c`h`W`]`h`W`U`U`b`X`d`f`U`W`]`W`Y`!`V`U`g`Y`X`a`Y`h`c`X`g`z`m`c`i`k`]`V`Y`W`c`a`Y`Z`J`a`]`]`U`f`k`]`h`k`f`]`h`b`[`
d`f`U`W`]`W`Y`g`U`W`c`g`g`a`U`b`m`Z`c`f`a`g`]`b`W`i`X`]`b`[`h`Y`U`h`Y`U`b`X`d`Y`f`Z`c`f`a`U`b`W`Y`z`X`U`b`W`Y`z`a`i`g`]`W`z`j`]`g`i`U`U`f`g`U`b`X`Z`]`a`"``H`\\`g`

5ggYgga Ybh

K CF? 'GI 6A #H98.

5`W]h]cbg'a i gh]bWl XY'dU[Y'fYZfYbWg"Y['fBi h'cf'gi fbUa Y'M'Ufz'dU[Y'bc"l'fGa]h'&\$\$z) Ł

h!hYl hfYZfYbW]b['cf'Zc'f'chYg'UfY'UWY'dhUV'Y"

: i`"V]V]c[fUd\mUh'Y'YbX'cZmci f'fYgYUfW' dUdYfg'jg'fYei]fYX"

I bfY'jUV'Y'k YVdU[Y'fYZfYbWg'UfY'bchUWY'dhUV'YzY["'K _]dYX]U"

: cbhg]nY'%'&d'YUgY!'a mYm'g'UfY'[Yh]b['C @8"

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hW'a Yg'5ggYggYX
K cf_g\cd'5W]j]hYg`	&\$i	% #+\$#&\$%- '%%', '5A	%z&
Dcfh'z`c'cZF Yj]Yk g`	(\$i	\$\$%\$, #&\$%- '\$). \$\$'DA	%z&
9ggUmi	(\$i	(&) #+\$#&\$%- '\$). \$\$'DA	%z&Z

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% 'K cf_g\cd'5W]j]hYg`

GhUfhXUH'. '&\$#* #&\$%- '%%', '5A

@Yb[h. 'b#J

8YHJ]`g. '&! ('k cf_g\cd'UW]j]hYg'k]`VY'XYg][bUH'X'Ug'UggYgga YbhHUg_g'UbX'k]`VY'a cXY`YX']b'WUgg VY'ZcfY'UggYgga Ybh'5ggYggYX'Vmfi Vf]W'

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

h!WUgg'UggYgga Yb'g'k]`hU_Y'd'UW']b'h' h'cf]U'g']b'K'YY_g' 'UbX'+"

Mci 'k]`VY'UggYggYX'VUgYX'cb'hY'Zc`ck]b['W]hYf]U"

W]hYf]U BYYXg gUh]gZUW'cf [ccX J Yfm[ccX YI W`Ybh

k cf_ m

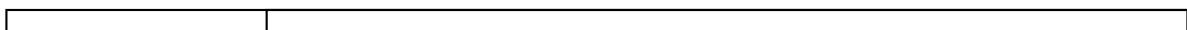
i bXYfg'UbX]b['cZ

hY'a cXYgž

W'UfUW'f'UbX

Y'Ya Yb'g'cZj Uf]ci g

fYj]Yk]b['ghmYg
UV']]m]tc 'j]XYbh]Zm
h\Y'j Uf]ci g
Y`Ya Yb]rg`UbX
ghfU]Y []Yg`cZ
j Uf]ci g`fYj]Yk]b[
ghmYg
gY`Z`fYZYW]cb`UbX
UggYgga Yb]h
Yl dfYgg]cb
cf][]bU`]m]b`h\Y
ZUa]b[`cZ
fYgdcbgYg`tc`h\Y
hUg_g"



a Uf_	w]hvf]U
<8	

		5`WXYW`]ghcZdfYgW]dhjcbg`Zcf`[ccX`cd]b]cb`k`f]hb[ž k`j]h`gca`Y`Yi`Ua`d`Yg`5`dd`m]b[`h`Y`dfYgW]dhjcbg`Zcf [ccX`cd]b]cb`k`f]hb["K`f]h`U`g`l`c`f`h`f`%) \$`k`c`f`X` cd]b]cb`d]Y`W`g`cb`Ub`U`f`g`]ggj`Y`Y[ž`k`l`m`c`W`ci`h `Uk`g`U`f`Y`W`U`d`#`f`Y`U`h`
	GYa`j]bUf	6`f`Y`U`_`j]b`h`c`[`f`c`i`d`g`c`Z`h`c`#`l`f`Y`Y`Ub`X`W`a`d`U`f`Y`Y`U`W`X` c`h`Y`f`f`g`k`c`f`_`"8`]g`W`g`g`U`g`U`W`U`g`g`"
K`YY`_)`.%>i`m!`)`>i`m`	@Y`W`h`f`Y`	@Y`W`h`f`Y`f`.9`f]b`6`f`U`b`b][`Ub 7`f]h]W]g`a`Ub`X`a`U`c`f`U`Y`g`h`Y`h]W]g`g`l]Z`g/7`U`g`Y`G`h`X`m` A`j]W`U`Y`":`f]Y`X`Z`F`c`V`Y`f`h`A`c`f]g`Ub`X`A`j]b]a`U`]g`a`"H`l`Y` U`f]h]g`h`U`g`g`Y`Z`W`a`a`Y`b`h`U`h`c`f`"K`l`U`h`U`f`Y`h`Y`a`U`c`f` W`h`f`U`Ub`X`U`Y`g`h`Y`h]W]g`l]Z`g`c`W`W`f`f]b[`]b`m`c`i`f`Z`Y`X`3` K`l`U`h]g`h`Y`f`c`Y`c`Z`h`Y`W`a`a`Y`b`h`U`h`c`f`W`]h]W]b`h`l]g`]b`g`h`U`b`W`3`
	GYa`j]bUf	G`l`U`f]b[`k`f]h]b[`Ub`X`k`c`f`_`g`l`c`d`d]b[`]b`d`U]f`g`" 8`]g`f]V`i`h]c`b`c`Z`Y`g`U`m`e`i`Y`g`h]c`b`g`"
K`YY`_`*`,`>i`m!`%&>i`m`	@Y`W`h`f`Y`	;`i`Y`g`h]@Y`W`h`f`Y`f`f`%)`l`f`g`l`<`c`k`W`]h]W]g`a`l`U`g`W`X`U`b[`Y`X` c]`Y`f`h]a`Y`"5`Y`g`h`Y`h]W]g`l]Z`g`X[`Y`a`Y`b`h]z`b`c`k`Ub`X`h`Y`b`" f`f]b]b`%)`l`f`g`l`F`Y`j`]g]c`b`c`Z`d`f`Y`g`W]d`h]j`Y`g`Z`c`f`[`c`c`X` k`f]h]b[`Ub`X`h]f]U`Z`c`f`k`c`f`_`g`l`c`d`U`g`g`Y`g`g`a`Y`b`h` ..
	GYa`j]bUf	K`c`f`_`j]b[`]b`d`U]f`g`c`b`h`Y`g`U`a`Y`Y`i`U`a`d`Y`ž`k`f]h`U`W`U`d` f`Y`j`j]k`Ub`X`U`[`c`c`X`f`Y`j`j]k`c`Z`U`W`c`b`h`Y`a`d`c`f`U`f`m`k`c`f`_` c`Z`U`f`h]b]m`c`i`f`a`Y`X]U`f`a`i`g]W`X`U`b`W`z`h`Y`U`h`f`Y`ž`U`f`h`h`U`h` W`U`b`V`Y`U`W`W`g`g`Y`X`c`b`]b`Y`"H`l`Y`b`k`f]h`U`W`]h]e`i`Y`c`Z` Y`U`W`X`c`h`Y`f`f`g`"G`i`V`a`j]h`m`c`i`f`f`Y`j`j]k`g`Ub`X`m`c`i`f` W`]h]e`i`Y`c`Z`m`c`i`f`d`U`f`h`Y`f`g`k`f]h]b[`Z`c`f`U`g`g`Y`g`g`a`Y`b`h`U`h` h`Y`Y`b`X`c`Z`h`Y`W`U`g`g`"
K`YY`_`+`,`%>i`m!`%`>i`m`	@Y`W`h`f`Y`	;`i`Y`g`h]@Y`W`h`f`Y`f`f`%)`l`f`g`l`F`Y`j`j]k`j]b[`]h]f`U`f`m`h`Y`l`h`g`. Z`f`c`a`K`c`c`Z`h`c`K`c`c`X`Ub`X`V`Y`m`c`b`X`"f`f]b]b`%)`l`f` F`Y`U`X]b[`Ub`U`m]g]g`K`l`U`h`U`f`Y`h`Y`W`U]a`g`c`Z`h`Y`d]Y`W` c`Z`k`f]h]b[ž]a`d`]W]h`m`c`f`Y`i`d`]W]h`m`B`K`l`U`h`g`f`U`h`Y`[`j]Y`g` Ub`X`h`Y`W`X`b]e`i`Y`g`X`c`Y`g`]h`i`g`Y`h`c`X`c`h`l]g`3`K`c`f`_`g`l`c`d` Z`c`f`b`Y`l`h`k`Y`Y`_`g`U`g`g`Y`g`g`a`Y`b`h`
	GYa`j]bUf	K`c`f`_`g`l`c`d`5`g`g`Y`g`g`a`Y`b`h`&.`F`Y`U`X]b[`Ub`U`m]g]g`K`l`U`h` U`f`Y`h`Y`W`U]a`g`c`Z`h`Y`d]Y`W`c`Z`k`f]h]b[ž]a`d`]W]h`m`c`f` Y`i`d`]W]h`m`B`K`l`U`h`g`f`U`h`Y`[`j]Y`g`Ub`X`h`Y`W`X`b]e`i`Y`g`X`c`Y`g`]h` i`g`Y`h`c`X`c`h`l]g`3`
K`YY`_`,`&&>i`m!`&*>i`m`	@Y`W`h`f`Y`	D`l]c`g`c`d`l]Y`g`c`Z`U`Y`g`h`Y`h]W]g/7`U`g`Y`G`h`X`m`;`j`Y`g` 8`Y`Y`i`n`Y`c`b`:`f`U`b`W]g`6`U`W`c`b`"C`b`h`Y`W`U`h]c`[`i`Y` Y`g`g`U`m`K`f]h]b[`H`U`g`_`G`h`U`f]h]b[`k`j]h`U`f`Y`j`c`i`h]c`b`U`f`m`ž` W`U`b`c`b]W`U`k`c`f`_`c`Z`U`f`h]Z`f`c`a`m`c`i`f`X]g`W]d`]b`Y`ž`Ub`X` k`c`f`_`j]b[`]b`m`c`i`f`X]g`W]d`]b`Y`[`f`c`i`d`g`ž`h]b`_`h`l`f`c`i`[`l`h`Y` ž`b`X`U`a`Y`b`h]U`g`c`Z`h`U`h`X]g`W]d`]b`Y`Ub`X`l`c`k`h`Y` Y`i`U`a`d`Y`l`Ub`X`Y`g`#`Y]a`U[`]b`Y`g`h`c`g`Y`ž`b`X`U`a`Y`b`h]U`g`"

	GYa]bUf	F Yj]Yk 'cZk f]h]b['Zca 'k cf_g\cd']b'YVh fY"
K YY_-'&-'>i`m!'& 5i [i gh	@YVh fY	C b'hY]bhYfj]Yk #dfYj]Yk "'K f]h]b['HUg_.'7 \ccgY'Ub i dWca]b['dYfZcfa UbW#fY'YUgYž'UbX'k cf_]b[']b dU]fgži bXYfhU_Y'fYgYUfW'hc'gi ddcfhiUb]bhYfj]Yk #dfYj]Yk 'd]YVW'cb'hY'Ufh]ghUbX'hY VXcgYb'k cf_"
	GYa]bUf	DfYgYbh]bhYfj]Yk #dfYj]Yk 'fYgYUfW']b'dc]bhZcfa 'hc hY'WUgg"'7 ci fgY'Yj U'i Uh]cb"
K YY_%.) 5i [i gh! '- 5i [i gh	@YVh fY	@YVh fYf.'9f]b'6fUbb][Ub 8YVUH'cb'hY'fc'Y'cZhY'W]h]W]b'hY'X][]hU'U[Y ..
	GYa]bUf	Dcgh8YgW]dh] Y'F Yj]Yk g
K YY_%% '%&'5i [i gh! '%* 5i [i gh	@YVh fY	@YVh fYf.'9f]b'6fUbb][Ub 7 f]h]W]ga 'UbX'A U'cf'5YghYh]WG\]Zg
	GYa]bUf	Mci f'X]gW]d]bY'UbX'hY'fc'Y'cZhY'W]h]W

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`fb`U`Gi`ddcfh`cb`-`,`)``%`cf`Ya`U]`h`Ya`cb`YI`H`fb`U`H`hgi`ddcfh`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfL`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`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`H`fb`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`Wi`XY`Ug`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`bg]cb`Udd`]W`h]cb"Ʒmci`Ya`U]`9I`H`fb`U`Gi`ddcfh`mci`k`]`
Ui`h`ca`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`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`Ug`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fcj`]X`Y`g`i`d`X`U`H`g`i`cb`h`Y`j`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`Ug`_`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`bh`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`ch`id`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`XY`h]g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`bh`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`gh`XY`bh`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`bh`a`cc`X`Y`"

5 WUXYa]W<c bYghmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`h`Y`k cfXg`cf`]XYUg`cZch`Yfg`UbX`dfYgYbh]b[`h`Ya `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHy`WXYU]b[`h`c`UWV]XYbU`mW`cdm]b[`Zca `U`gci fW`k`]h`ci hUW_bck`YX[Ya Ybh`

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

7cdm]b[.`i`g]b[`h`Y`gUa Y`cf`j Yfmg]a]Uf`k cfXg`h`c`h`Y`cf][]bU`hYI hcf`]XYU`k`]h`ci hUW_bck`YX[]b[`h`Y
gci fW`cf`i`g]b[`ei`chU]cb`a Uf_g`"H\]g`U`gc`Udd`]Yg`h`c`]a U[YgZ`Ufh`UbX`XYg][]b`dfc`YWgZ`Ug`k`Y`Ug
dfYgYb]U]cbg`k`YfY`gca YcbY`dfYgYb]g`Ubch`Yf`g`]XYUg`cf`k`cfXg`k`]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`7`U`b[]b[`U`ZYk`k`cfXg`UbX`d`fUgYg`k`\]Y`a`cghmiFYU]b]b[`h`Y`cf][]bU`
g]fi`W`fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`h`Y`cf][]bU`Z`UbX`]bZcfa`U]cb`k`]h`ci hUW_bck`YX[Ya Ybh`H\]g`U`gc
Udd`]Yg`]b`dfYgYb]U]cbg`k`YfY`gca YcbY`dUfUd`fUgYg`Ubch`Yf`g`]XYUg`cf`k`cfXg`k`]h`ci hWYX]h`UbX`h`c

5 WUXYa]WbZcfa Uhcb`

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

- fYei Yghg`ZcfYI hYbg]cb/
- `UH`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]hmUbX`X]gUV`]`hm/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

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

⇒ U[Y`7 fYX]h

| `F YU`H]a Y`5 fng

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;