

7ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cWU]hcb	D\cbY
>c\b`BUd]Yf	^bUd]Yf4 i bgk "YXi "Ui	A cbXUm%\$`!`%`%ž : f]XUm- !`%\$`cf`Vm Ya U]`UffUb[Ya Ybh	F cca `%% ž K YVghYf 6i]X]b[- ' ,) `* -)'

GWXcc`7cbhUW`i`bZcfa U]hcb

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

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

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

K YVg]hY.`

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhtg '*`

Gi a a UfmicZhY'7 ci fgY

Gi VYWh5fYU.'? ge[U

ϕ'5Xj UbWfX'Gh X]Yg]b'A i g]W<]ghc fm/`7 i`h' fY`&`mci`k`j`Udd`m`_bck`YX[Y`UbX`g_]`g`XYj Y`cdYX`]b
Y`Y`Wfj Ygž`Wc`fY`Wc`i fgYg`UbX`ghfYUa`gdY`WZ`Ww`i fgYgž`]b`gi`gHJ]bYX`Yb[U[Ya`Ybhk`]h`U`g]b[`Y`hcd]Wž`k` \]W
k`j`VY`YI`d`c`fYX`]b`XYdH`" ϕ`h`Y`YUf`mghU[Yg`c`Z`h`Y`Wc`i fgY`mci`k`j`ci`h]bY`Ub`YI`]gh]b[`Vc`X`mc`Z`g`W`c`U`fg` \]d
VmUggYa`V`]b[`UbX`UbbchU]b[`U`V]V`c[fUd`mž`k` \]W`k`j`Z`c`fa`h`Y`V`Ug]g`c`Z`U`d`f`Y`g`Y`b`h`U`h`c`b`h`U`h]b`h`c`X`i`W`g
mci`f`h`cd]W`h`h`Y`W`U`gg`" H` \`Y`W`b`f`U`d`U`f`h`c`Z`h`Y`W`c`i fgY`k`j`VY`h`Y`W`c`U`V`c`f`U`h]j`Y`a`Y`b`h`c`f]b[`c`Z`mci`f`h`cd]Wž`]b
d`f`Y`d`U`f`U`h]c`b`Z`c`f`h`Y`Z]bU`Y`gg`U`m`H` \]g`a`Y`b`h`c`f]b[`k`j`U`g`c`Y`b`U`V`Y`mci`h`c`f`U`b`g`Z`Y`f`h`Y`W`c`U`V`c`f`U`h]j`Y`g_]`g`h`U`h
mci` \Uj`Y`XYj`Y`cd`YX`U`g`U`a`i`g]W]U`b`h`c`g`W`c`U`f`m`f`Y`g`Y`U`f`W`UbX`W`f]h]W`g`a`" H` \`f`ci`[\`h`Y`W`c`b`g`f`i`W`f]c`b`c`Z`U
V]V`c[fUd`m`UbX`W`c`U`V`c`f`U`h]j`Y`a`Y`b`h`c`f]b[`c`Z`mci`f`h`cd]W`mci`k`j`cb`Y`h`Y`W`f]h]W`UbX`g_]`g`Z`c`f`k`f]h]b[`U
gi`g`HJ]bYXž`XYHJ]YXž`UbX`k`Y`gi`ddc`f`h`X`U`f[i`a`Y`b`h`

7 ci fgY`@YUfb]b[`Ci hWc`a Yg

%`I`g`Y`UXj`UbWfX`fYgYUfW`a`Y`h`c`X`g`UbX`U`f[i`a`Y`b`h`c`gi`ddc`f`h`h`Y]f`c`Y`g`U`g`a`i`g]W`W`f`Y`U`h`c`gž
g`W`c`U`f`g`UbX`U`X`j`c`W`U`h`g`]b`h`Y`W`c`a`a`i`b]m`
&`8`f`U`k`c`b`Ub`YI`h`b`g]j`Y`_`bck`YX[Y`c`Z`f`Y`d`Y`f`c`f`Y`gž`g`c`W]U`UbX` \]g`h`c`f]W`W`c`b`h`Y`h`gž`UbX`]X`Y`c`c[]Y`g`U`g
W`f]h]W`m`UbX`g`c`W]U`m`Y`b[U[YX`a`i`g]W]U`b`g`
'`" `k`c`f`_`W`f]h]W`m`k`]h`c`h`Y`f`gž`d`f`Y`g`Y`b`h]b[`g`W`c`U`f`m]X`Y`U`g`Z`c`f`X`Y`V`U`h`ž`X]g`W`g`g]c`bž`UbX`W`c`a`a`Y`b`h`

HYUWk]b[`GhFUH[]Yg`

H` \]g`Wc`i fgY`dfcj`XYg`U`Z`c`f`i`a`Z`c`f`gh`XYbhtg`h`c`k`c`f`_`k`]h`]X`Y`U`gž`a`Y`h`c`X`gž`f`Y`d`Y`f`c`f`Y`UbX`h`Y`W`b]e`i`Y`g`h`U`h
 \Uj`Y`V`Y`Y`b`XYj`Y`cd`YX`]b`d`f`Y`j`c`i`g`Wc`i fgY`g`" H` \`Y`Z`c`W`c`Z`h`Y`W`c`i fgY`U`f`Y`W`c`c`g]b[`U`h`cd]W`Z`c`f`]b]j`Y`g`h[U`h]c`b/
Z]bX]b[`U`d`d`f`c`d`f]U`h`f`Y`g`c`i`f`W`g`Z`c`f`h`U`h]b]j`Y`g`h[U`h]c`b`V`f]b[]b[`a`i`g]W]U`b`X`]X`Y`U`g`h`c`[Y`h`Y`f`]b`U`W`c` \`Y`f`Y`b`hž
a`Y`h`c`X]W`Z`c`fa`"

H` \`Y`Z]f`g`h`c`Z`h`Y`g`Y`k`j`VY`XYj`Y`cd`YX`]b`h`Y`Y`U`f`m`d`U`f`h`c`Z`h`Y`W`c`i fgYž`V`m`a`c`X`Y`]b[`h`Y`g`W`c`d`Y`c`Z`d`c`g]V`Y
h`cd]W`gž`Z`c`f`YI`U`a`d`Y`" Gi`W`X`]g`W`g`g]c`b`g`k`j`U`j`a`h`c`k`U`f`X`g`h`Y`Z]b`U`Z`c`fa`g`f[Y`b`f`Y`g`Z`c`f`h`Y`D`f`c`Y`W`i`H` \]g`Z`c`W`g
k`j`VY`YI`h`b`X`Y`X`h`f`ci`[\`h`Y`d`f`Y`g`Y`b`h]U`h]c`b`gž`UbX`h`f`ci`[\`c`b!`[c]b[`W`U`g`g`U`W`f]j`h]Y`g`"

H` \`Y`g`Y`W`c`b`X`Z`c`W`g`k`j`W`X`U`b[Y`h`f`ci`[\`c`i`h`h`Y`g`Y`a`Y`g`h`f`ž`U`g`g`h`XYbhtg`XYj`Y`cd`U`V`Y`h`f`f`g`Y`b`g`Y`c`Z`h`Y`f
d`f`c`Y`W`i`h`k`j`]b`W`i`X`Y`d`f`U`W`f]W`U`g`c`i`h]c`b`g`h`c`h`Y`X]Z]W`h]Y`g`h`U`h`g`h`XYbhtg`k`j`i`b`V`c`j`Y`f`]b`d`i`h]b[`h`c[Y`h`Y`f
h`Y`f`V]V`c[fUd` \]Y`g`" H` \]g`Z`c`W`g`k`j`]b`W`i`X`Y`W`U`g`g`Y`g`]b`V]V`c[fUd` \]W`X`Y`j`Y`c`d`a`Y`b`hž`U`b`c`h`U`h]c`bž`UbX
a`UbU[Ya`Y`b`hž`gh`XYbhtg`d`f`Y`g`Y`b`h]U`h]c`b`gž`U`g`k`Y`U`g`h]a`Y`Z`c`f`X]g`W`g`g]b[`h`Y`W`c`b`h`Y`b`h`c`Z`V]V`c[fUd` \]W
a`U`h`f]U`g`f]b`W`i`X]b[`f`Y`W`c`f`X]b[g`k`"

H` \`Y`h`f`X`Z`c`W`g`]b`_`g`h`c[Y`h`Y`f`j`U`f]c`i`g`U`g`d`Y`W`g`c`Z`h`Y`W`c`i fgYž`]b`W`i`X]b[`h`Y`g`h`XY`b`h`d`f`Y`g`Y`b`h]U`h]c`b`gž`h`Y
k`f]h]b[`c`Z`X`f`U`Z`gž`UbX`h`Y`W`c`a`d]U`h]c`b`#`U`b`c`h`U`h]c`b`c`Z`V]V`c[fUd` \]Y`gž`h`c`W`c`b`b`Y`W`i`Y`U`f`m`W`U`g`g`Y`g`k`]h`Z]b`U`
d`f`c`Y`W`i`" H` \`Y`U`j`a`]g`h`c` \`Y`d`g`h`XYbhtg`h`c`Z`c`fa`W`c` \`Y`f`b`h`d`f`Y`g`Y`b`h]U`h]c`b`gž`Y`U`X]b[`h`c`h`Y`f`Z]b`U`d`f`c`Y`W`i`" H` \`Y
V`U`g]g`c`Z`h`g`Z`c`W`g`]g`h`U`h`g`h`XYbhtg`k`j` \`U`j`Y`h]a`Y`h`c`g` \`U`f`Y`UbX`X]g`W`g`g`h`Y`f`Z]b`X]b[g`U`g`h`Y`m`i`X`Y`j`Y`cd`ž
k`c`f`_]b[`W`c`U`W`f]j`Y`m`h`c`X`Y`Y`d`Y`b`i`b`X`Y`f`g`h`U`b`X]b[g`c`Z`a`Y`h`c`X`gž`f`Y`d`Y`f`c`f`Y`g`UbX`c`h`Y`f`f`Y`g`c`i`f`W`gž`]b`U`W`f]h]W`
a`U`b`b`Y`f`"

H\Y'UggYgga Ybfg'gi ddcfhi\YgY'ZcWz'UbX'dfcj]XY'cddcfhi b]mZcf'dYYf' [i]XUbWz]b'UXX]hcb'hc' [i]XUbW
UbX'ZYXVUW'Zca' h\Y'Wci fgY'YWhi fYf'H\Y'gYa]bUf'Zcfa Uh\Ug'VYYb'Wcgyb'hc'cdh]a]gY'ZYI]V']]micZ
hYUW.]b['UbX''YUfb]b['dfcW'ggYg''

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hŸa Yg'5ggYggYX
5bbcŸUHŸX`V]V]c[fUd\mi	;%\$i		

fYdcftg"

5ggYgga Ybh&. DfYgYbhUjcb

GHUfhXUHY.:

@Yb[h. %\$'a]bi hYg'dfYgYbhUjcbz%\$!) 'a]bi hYg'X]gW gg]cb

8YHU]`g. '8 fUzidfYgYbhUjcb" '9UWX`ghi XYbhk]`[] Y`U`gYa]bUf'dfYgYbhUjcbg`cZU`XfUzicZhAY]f'dfc`YW`'5 k f]hYb`j`Yfg]cb`k`j`U`gc`VY`gi`Va]hYX`"a`a`YX]UHY`]b!WUgg`ZYXZc`fX`UfX`#ZYXVUW`z`UbX`bc`hYg`cb`gi`Va]hYX`j`Yfg]cb"

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

9UWX`ghi XYbhk]`[] Y`U`dfYgYbhUjcb`ci`h]b]b[`hY]f'dfc`YW`f5ggYgga YbhHUg_`' `Ug`U`k`cf_]b`dfc[`fYggz`UbX`dUfh]W]dUHY`]b`hY`X]gW`gg]cb`cZ`hY]f`k`cf_]`DfYgYbhUjcbg`k`j`hU`Y`d`UW`]b`k`YY_g`+`!`%\$`"@Yb[`h`z`%\$`a`]bi`hYg`d`i`g`%\$`!`%`'a`]bi`hYg`Zc`f`a`Ybhcf`YX`X]gW`gg]cb`f5ggYgga YbhHUg_`(`L`5`k`f]hYb`j`Yfg]cb`cZ`hY`dfYgYbhUjcb`a`i`ghVY`gi`Va]hYX`"h`A`ccX`Y`cb`hY`H`i`fgXUmVYZc`fY`hY`dfYgYbhUjcb`]g`[] Yb`"H`]g`j`Yfg]cb`a`UmVY`]b`dc]bhZcfa`z`Vi`hig`ci`X`bchVY`dck`Yfdc]bhg`]XYg"

5ggYgga Ybh' . Dfc`YVh

GHUfhXUHY.:

@Yb[h. " \$\$\$`k`cfXg

8YHU]`g. '9ggUmcb`gY`ZgY`YW`YX`hcd]W!`" \$\$\$`k`cfXg":]bU`UggYgga YbhHUg_`'9ggUmrg`k`j`VY`a`Uf`YX`UbX`fYh`fbYX`k`]h`ZYXVUW_

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

Gh`XYbhg`XYj`]gYz`fYgYUfW`UbX`dfYgYbhUjcb`YggUmih`UhYi`d`cfYg`cbY`cf`a`cfY`_Ym]XYUg`]b`fY`Ujcb`h`a`i`g]W`d`Unz`Yi`dfYgg]cbz`f]h`U`z`gd]f]h`U`]mz`dc`]h]W`]bghf`a`Ybh`f`U`bga`]gg]cb`cZ`_bck`YX[`Yz`]XYbh]mz`Yei`]mz`gcW]U`^`gh]Wz`Wc[`b]h]cbz`Ya`ch]cbz`a`cj`Ya`Ybh`U`b[`i`U[`Yz`Wc`dYfUjcbz`cj`Yz`a`ci`fb]b[`"Hcd]Wg`g`ci`X`U`gc`XfUk`cb`hY`h`Yc`fY`h]W`X]gW`gg]cbg`UbX`dUfUX][`a`g`Yi`Ua`]bYX`]b`k`YY_g`%`-`&`f]gYa`]ch]Wg`z`a`cXYg`cZa`i`g]Wd`fUW]W`Lz`5B8`fY`UHY`h`h`Y`gYa`]bUfg`[] Yb`]b`k`YY_g`%!`')`f]gYY`Wc`i`fgY`gW`YX`i`Yc`gUW`YX`a`i`g]Wz`dfch`ghgcb[`z`k`Ufz`[`Ua`Ygz`[`YbXYfz`]bg]h`h]cbU`]gUjcb`"H`Y`Y`W`i`fY`gYa`]bUfg`]b`k`YY_g`%!`)``^`Uj`Y`VY`b`XYj`Y`cdYX`]b`fYg`dcbgY`h`cdcd`Uf`hcd]Wg`]b`dfYj`]ci`g`mY`Ufg"

Gh`XYbhg`UfY`U`gc`h`c`gi`Va`]hU`hcd]WdfcdcgU`j`]U`A`ccX`Y`VYZc`fY`h`Y`WUgg`]b`k`YY_`&`"H`Y`gY`k`j`VY`X]gW`ggYX`]b`WUggz`UbX`fYj`]Yk`YX`Vma`Yz`UbX`Uddfcj`YX`-`Uz`Y`f`a`cX]Z]W]h]cb`]ZbYW`ggUf`m`DYbU`h]g`z`UW`Wc`fX]b[`h`h`Y`G5A`gW`YX`i`Yz`k`j`VY`XYX`i`W`YX`Zca`h`Y`Z]bU`a`Uf`_`Zc`f`h`Y`UbbchUHYX`V]V]c[`fUd`^`mi`Zc`f`UHY`gi`Va`]gg]cb`cZ`hY`h`cd]WdfcdcgU`"="i`bXYfg]UbX`h`Uhi`hY`dfYgYbhUjcbg`]b`k`YY_g`&`h`c`')`a`Um`fY`gi`h]b`gh`XYbhg`k`]g`]b[`h`W`U`b[`Y`h`cd]W`^`YU`mi`h]g`g`ci`X`VY`XcbY`VYZc`fY`h`Y`UbbchUHYX`V]V]c[`fUd`^`m]g`Wc`a`d`Y`h`X`"

Gi`Va`]gg]cb`bc`hYg`H`]g`Ugg][`ba`Ybh]g`Xi`Y`cb`h`Y`:`f]XUm`cZ`hY`k`YY_`_`Z`c`k`]b[`m`ci`f`dfYgYbhUjcbz`Uh`%`%`)-`DA`"H`i`g`]Zm`ci`dfYgYbh]b`k`YY_`,`z`m`ci`f`Ugg][`ba`Ybhk`j`VY`Xi`Y`cb`h`Y`:`f]XUm`cZ`K`99?`-`5H`%`%`)-`DA`

Hi`fb]h]b`gY`h]b[`.`H`]g`Ugg][`ba`Ybh]g`gi`Va`]hYX`h`fci`[`^`Hi`fb]h]b`UbX`gh`XYbhg`WU`b`gY`Y`Hi`fb]h]b`g]a`]Uf]m`

fYdcftg"

5ggYgga Ybh(. A Ybhc f]b[

GHUfhXUHY .

8YHU]g. A Ybhc f]b[. 9UWX gh XYbhk] VY fYei]fYX hc fYUX U'a]XlgYgg]cb XfUZhcZUbchYf'gh XYbhdfc YW' H\YgY XfUZg k] H Yb VY X]gW ggYX]b H Y gYa]bUfz k]h H Y fYUX]b['gh XYbhU_]b['H Y fc Y cZX]gW ggUbH' 5 gh XYbfg k] VY YI dYWX hc \Uj Y fYUX cbY bca]bUH X dUdYf dYf gYa]bUf Zca U dfYgYbh]b['gh XYbfg UbbchUH X V]V]c[fUd\m a a YX]UH]b!WUgg ZYXZc fUfX#ZYXVUW_ cb H Y X]gW ggUbH] Wcbf]Vi hcbz Wca a Ybfg cb X]gW ggUbH] bchgz [YbYfU bch'g cb WUgg fYUX]b[" D YUgY B ch' gh XYbfg UfY bch]bj c j YX]b Ugg] b]b['a Uf_g"

5XX]h]cbU XYHU]g.

A Ybhc f]b['cZchYf'gh XYbfg \Ug'k c Wca dcbYbfg. X]fYWhcbY hc cbY'a Ybhc f]b[žUbX dfY!gh XmicZgci fW'g Zc'f'gh XYbhdfYgYbhU]cbg" 6ch Wca dcbYbfg fYei]fY c H Yf'gh XYbfg hc UWW'gg H Y V]V]c[fUd\m hUhmci dfYdUfY Zc'f'5ggYgga YbhHUg_ % H Y 5bbchUH X 6]V]c[fUd\m]g hc VY'gi Va]H X]b K YY_ (" K \Yb gi Va]h]b['h]g'fUg_ ži d'cUX U Wca d'YH Wcdmhc h U hUggYgga YbhUg_]b A ccX Y 5B 8 Ub i bUbbchUH X j Yfg]cb hc H Y ; YbYfU 6]V]c[fUd\m: cfi a " fl U]i fY hc Xc h]g k] fYgi 'h]b >c \b ['Uf]b['ZfcW]ci g mUhmci bYI h]ja Y \Y gYg'mci E"

8]fYWhA Ybhc f]b[.

9UWX gh XYbhfH Y'a YbhY Y E \Ug VYYb Ugg][bYX#] VY Ugg][bYX U'gh XYbha Ybhc f"

5 gh XYbhk @BCHVY H Y]f'a Ybhc f'g'a Ybhc f" H\i g YUWX gh XYbhk] VY cb['hc'k c dU]fgzcbY Ug U a Ybhc f'UbX cbY Ug U'a YbhY" H\YgY UfY cf[Ub]gYX Ug [fci dg]b A ccX Y" H\Y [fci d k] \Uj Y H Y Z c ck]b [bUa Y gfi W' fY. A YbhY B 5A 9 ž A Ybhc f B 5A 9"

H\Y fYei]fYa Ybfg cZ H Y'a Ybhc f!a YbhY fY U]cbg \]d"

H\Y'a YbhY'a i ghgi Va]hU j Yfg]cb cZ H Y]f'8 fUZiDfYgYbhU]cb f5ggYgga YbhHUg_ &E hc H Y A ccX Y [fci d H Ymg \UfY k]h H Y]f'a Ybhc fVm) "\$ \$ DA cZ H Y A cbXUmdf]cf hc H Y dfYgYbhU]cb" H\Ymg \ci X U'gc gi Va]h H Y]f'UbbchUH X V]V]c[fUd\m 5g U'a YbhY mci 'a i gh BCH VY UH ž Ug h]g k] ja dUW'gYf]ci g mcb H Y k cf_ cZmci f'a Ybhc f" D YbU h]Yg k] VY XYXi W' X Zca mci f dfYgYbhU]cb]Zmci UfY UH"

H\Y'a Ybhc f'g \ci X fY] jYk H Y 8 fUZiDfYgYbhU]cb cZ H Y]f'a YbhY ž df]cf hc H Y dfYgYbhU]cb" H\Y'a Ybhc f'g \ci X dfYgYbhcbchgz j]U A ccX Y ž cb H Y]f fY] jYk cZ H Y A YbhY g k cf_ ž df]cf hc H Y dfYgYbhU]cb" H\YgY bch'g g \ci X]bW' XY dc]b]g fU]gYX k]h H Y'a YbhY UbX'gi [[Yghcbg'a UXY" H\Ym g \ci X X Ya cbgfUH h U h H Y'a Ybhc f \Ug ž Ja]]Uf]nYX h Ya gY j Yg k]h gca Y cZ H Y]fY U h fY H Y'a YbhY \Ug i gYX"

H\Y'a Ybhc f'g \ci X YUX X]gW gg]cb U h H Y'a YbhY g' dfYgYbhU]cb ž Wca a Ybh Wcbgf h W]j Y mcb H Y dfYgYbhU]cb ž UbX gY U WUf]Z W]h]cb cZ H Y'a YbhY g' Uf [i a Ybh"

HU_]b['H Y'a Ybhc f!a YbhY fY U]cbg \]d ž fH Yf"

H\Y U Vc j Y fY dfYgYbh' H Y UggYggUV Y Wca dcbYbhcZ H Y'a Ybhc f!a YbhY fY U]cbg \]d" 6i hmci 'a Umk Ubh hc WUffm H Y'a Ybhc f!a YbhY fY U]cbg \]d ž fH Yf" H \]g Wci X VY dUf]W Uf mi gY ž]Z H Y fY]g gca Y c j Yf Ud]b mci f dfc YW h c d]W": cf YI Ua d Y ž H Y'a Ybhc f'a UmfYUX XfUZg cZ H Y]f'a YbhY f]g k cf_ #gi d hc mci "

⊖X]fYVh̄a Yb̄f]b['fb̄chUggYggYX̄L

: cf̄YUW̄'GYa]bUf̄]b'k YY_g'+! '%\$žYj Yfm̄gh̄ XYbh̄]g'fYei]fYX'hc̄'\Uj Y'YI Ua]bYX'Uh'YUghcbY'cZ̄h̄Y
gci fW̄g'']gh̄X']b'̄h̄Y'UbbchŪh̄X'V]V']c[fUd\mcZŪh'YUghcbY'cZ̄h̄Y'gh̄i XYb̄hḡ'dfYgYb̄h̄]b["

H\Y'gci fW̄'a Um̄VY'U'dUdYf'cf'U'Vcc_'W̄Ud̄h̄f'cf'U'a i g]W̄'k cf_ž]b'Y]h̄Yf'gW̄cf'cf'fYW̄cfYX'Zcfa "'H\Y
gci fW̄'a UmbchVY'dUf̄hcZ̄h̄Y'gYh̄h̄i hcf'Ub̄mcZ̄h̄Y'fYW̄'a a YbXYX'fYUX]b[g"

Gh̄ XYb̄hḡ'k]'VY'Ug_YX'hc̄'W̄'a a Yb̄h̄cb'̄h̄Y'gci fW̄ž'k]h̄'dUf̄h̄W̄'Uf'fYZYfYbW̄'hc̄'\ck 'YZYW̄j] Y'mīh̄Y
dfYgYb̄h̄]b['gh̄i XYbh̄\Ug'i gYX']h̄'f̄Mc̄i 'a Um̄Zc'f'YI Ua d'YžX]gU[fY'k]h̄'̄h̄Y'dfYgYb̄h̄]b['gh̄i XYb̄hḡ
]b̄h̄fd̄fYh̄h̄cb'cZ̄h̄Y'gci fW̄L

Hi fb̄]h̄]b'gYh̄]b[. H\]g'Ugg][ba Ybh̄]g'gi Va]h̄h̄X'̄h̄fci [\Hi fb̄]h̄]b'UbX'gh̄i XYb̄hḡ'W̄b'gY'Hi fb̄]h̄]b'g)a]'Uf]m̄
fYdcf̄hḡ"

E i Ubmž8cb'&\$\$- '7Ubcbg'jb'7c''g]cb. '<ma bg'UbX'7cbhYa dcfUfm7'f]gh]Ub'A i g]Wž>[fgd'k! &.('ž' &'! ' - "

E i fYg\]žF Y[i 'U'6i fW\UfXh-'EgX ? ge[U aX ;' V[S S' V BS] [eS'W' fdhcb'A ccX' "

F]W žH]a chm!?' Sk [f8[^kagdEag^9I W' fdhcb'A ccX'

HUfi g_]bžF]W UfX? ge[U [fZW' [WWWW fZ UW fgdkz'\UdhYf') 'gYW]hcb'(cZ H\Y'CI ZcfX'<]ghcfmcZ K YghYfb A i g]W' fUj U]UV' 'cb]bY'h'fci [\ 'hY'']VfUfmfj]U'XUHUVUgYgk

Hi W_Yfž? UFYb'K YghYfZ 'X'&\$\$- 'A i g]W' K Ufg. '5' B k '7cbZ]Mfgy k! &.('ž' !- ž

Hi a Ug!GYfbUž>UbY %- - &'H\Y''B Yj U'7 UbW] b''A cj Ya YbhUbX' f'g'A Ugg!A YX]UH'X'DYfZ fa UbW 7cbhYI Hž>Sf[3_ Wd[US' ? ge[U DWh i ! DWh fS VW? e[US >Sf[aS_ Wd[US'JSd''% žBc" &'f5i h a b! K]bhYfž%- - &ž'dd"% -!%) +"5f]W' 'dcghY'X'cb'A ccX' "

: i fh\Yf'gci fW'g'hc'VY'UXj YX

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

H\Y'Wēi fgY'k]''VY'Yj U'i UH'X'h'fci [\ 'A n9I dYf]YbW'Wēi fgY'Yj U'i Uh]cb''GYa]bUf'hd]Wg'\Uj Y'VYYb XYj 'cdYX'hc'U][b'Ug'ZJf'Ug'dcgg]V' 'dcdi 'Uf'gh XYbh'hd]Wg]b'hY'Z gh]Y'fU]h]cbg'cZ h.]g'Wēi fgY'k]h'a m UfYUg'cZ YI dYfh Y"

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[`h`c`gi`Va`]h`mci`f`Ugg][`ba`Ybh`h`fci`[`\\`Hi`fb]`h]b`z`d`Y`Ug`Y`
H`Y`d`\\`cb`Y`9I`H`fb`U`Gi`ddc`fh`cb`-`,`),`"`,`'`,`%`c`f`Ya`U]`h`Ya`i`cb`YI`H`fb`U`H`Y`h`gi`ddc`fh`4`i`bgk`"YXi`"Ui`"Gi`ddc`fh`
\\`ci`fg`U`f`Y`,`.\$`\$Ua`i`-%`\$.`\$\$da`i`cb`k`YY`X`Umg`U`b`X`-`.`.\$`\$Ua`i`-`i`).`.\$`\$da`i`cb`k`YY`Y`b`X`g`f`l`*)`X`Umg`U`m`Y`U`f`l`"Ʒmci`
U`f`Y`i`b`U`V`Y`h`c`gi`Va`]h`mci`f`Ugg][`ba`Ybh`Xi`Y`h`c`U`Z`U`i`h`k`]h`Hi`fb]`hb`mci`i`a`Um`i`U`dd`m`i`Z`c`f`U`b`YI`H`Y`bg]`cb`z`Vi`h`mci`
a`i`gh`f`Y`h`U]`b`mci`f`h]`W`Y`h`bi`a`V`Y`f`Z`c`a`i`9I`H`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`U`b`m`c`h`Y`f`f`Y`Y`U`b`h`X`c`W`a`Y`b`h`g`t`h`c`
]`b`W`i`X`Y`U`g`Y`j`]`X`Y`b`W`h`c`gi`ddc`fh`mci`f`YI`H`Y`bg]`cb`U`dd`]`W`h]`cb`"Ʒmci`Ya`U]`9I`H`fb`U`Gi`ddc`fh`mci`k`]`
Ui`h`c`a`U`h]`W`U`m`i`f`Y`W`]`j`Y`U`h]`W`Y`h`bi`a`V`Y`f`z`Vi`h]`Z`mci`H`Y`d`\\`cb`Y`mci`k`]`b`Y`Y`X`h`c`g`d`Y`W`]`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`j`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`gg`Y`g`g`a`Y`b`h`U`g`_`g`i`a`i`gh`V`Y`gi`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`cc`X`Y`
U`gg][`ba`Y`b`h`i`b`]`b`g`h`U`b`W`g`k`\\`Y`f`Y`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`ci`fg`Y`g`A`cc`X`Y`g`]`h`k`]`h`
U`h`Y`fb`U`h]`Y`gi`Va`]`gg]`cb`X`Y`h`]`g`"

:`c`f`]`b`Z`c`f`a`U`h]`c`b`c`b`\\`c`k`h`c`gi`Va`]`h`U`gg][`ba`Y`b`h`g`i`c`b`]`b`Y`j`]`U`A`cc`X`Y`.\`h`h`d`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]`h`U`gg][`ba`Y`b`h`a`cc`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" #WUbb'U_Y'a Ubm Zcfa gž Zca 'XY'VYfUHY'WXUHy]b['hc'UWVXYbU`mWčdm]b['Zca 'U'gci fW'k]h'ci hUW_bck 'YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga]bhc'hY'Zč`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[YgžUfhUbX'XYg][b'dfc'YWgžUg'k Y`Ug'dfYgYbhU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[.7 \Ub[]b['U'Zk 'k cfXg'UbX'd\UgYg'k \]Y'a cghmifYU]b]b['hY'cf][]bU'g]fi W'fY'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZhY'cf][]bU'žUbX']bZcfa U]cb'k]h'ci hUW_bck 'YX[Ya Ybh' 'H\g'U'gc'Udd'Yg']b'dfYgYbhU]cbg'k \YfY'gca YcbY'dUfUd\UgYg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'UbX'hc'd]YW]b['hc[Y'hYf'ei chYg'UbX'dUfUd\UgYg']bhc'U'bYk 'k \c'Yžk]h'ci hUddfcdf]UHY'fYZfYbW]b["

7c`i g]cb.'k cf_]b['k]h'chYfg'Vi hdUgg]b['cZhY'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'XUHYžcf'Zc'f'hY'di fdcgY'cZhYa d`U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZc'fa 'Ub'UWUXYa]W]Ug_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]h'čZf]b['hc'Wča d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZc'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bchVYYb'fYUXžk]h'ci hUW_bck 'YX[]b['hY'"gYWčbXUfm' gci fW'Zca 'k \]W'_bck 'YX[Y'cZhYa '\Ug'VYYb'cVU]bYX"

8i d']WU]cb'f'fY'Zd`U[]Uf]ga "L'gi Va]h]b['mci f'ck b'k cf_ž]b'k \c'Y'cf']b'dUfřk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]hYX'Zc'f'UbchYf'UggYgga Ybhcf'Wči fgY'Uhi BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZfYbW]b['dfUW]W'g.

- DUfUd\Ug]b[žgi a a Uf]g]b[žYggUmk f]h]b['UbX'h]a Y'a UbU[Ya Ybh

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`W`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

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

⇒ U[Y`7 fYX]h

H\Y`W`bj Ybcf`ck bg`h.]g`]a U[Y

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;