



SOCF5110

DfcZYgg]cbU`DfUWjWV`F YgYUfVX`Dfc`YVh

HYfa`Hk c`#`&\$&\$

GWXcc`cZGcWJU`GWYbWVg`#`I BGK`5ffg`UbX`GcWJU`GWYbWVg

7ci fgY`Cj Yfj JYk

GHJZ`7cbHJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
A Y`Ub]Y`K \]hY	a Y`Ub]Y`k \]hY4 i bgk "YXi "Ui	VmUddc]bha Ybh	A cfj Yb`6fck b	

GWXcc``7cbHJW`bZcfa Uhjcb

GWXcc``cZGcWU`GWYbWg

Fcca `%) -

A cfj Yb`6fck b`7&\$

Ya Uj`.gcgg4 i bgk "YXi "Ui

d\cbY. '\$&-' ,) `% \$+

7ci fgY'8YHJ)`g

7fYX]hDc]bHg`*`

Gi a a UfmicZhY'7ci fgY

GcWU`K cf_

H\]g`jg`U`%&`i` C 7`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWhWci`fgY`"Mci`k`j`"Ybfc`"b`U`*`i`cWwci`fgY`]b`
YUW`cZtk`c`gi`WwYgg]j`Y`hYfa`g`k`]h`U`fYgi`hfydcfYX`VmU`g]b[`Y`[`fUXY`UhH`Y`YbX`cZhY`gYwcbX`*`i`cW`
Wci`fgY`"b`h]g`Wci`fgYzGC`7`:`)%%\$`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWznci`k`j`"Wca`a`YbW`UbX`k`cf`_`
hck`UfXg`Ub`]bXYdYbXYbhfygYUfW`d`fc`YWhk`]h`U`hcd]WX]fyWimfy`UH`X`h`c`mci`f`d`fc`Zygg]cbU`d`fUW]W`
bck`YX[`Y`]b`7`ci`bgY`"b[`GcWU`K`cf`z`7`ci`d`Y`UbX`:`Ua`]mH`Y`fUdmz`cf`GcWU`8Yj`Y`cda`YbH`Hcd]W`
Uddfcj`U`]g`fYei`]fYX`VmH`Y`fY`Yj`UbhA`UghYfg`7`ci`fgYk`cf`_`Dfc[`fUa`7`ccfX]bUhc`"Dfc`YWhfydcf`h`k`cfX`
Yb[`h`]g`%&z\$`\$`\$`!%`z\$`\$`\$`k`cfXg`z`UbX`j`Uf]U]cb`k`]h]b`h`]g`fUb[`Y`]g`h`c`VY`bY[`ch]UH`X`k`]h`h`Y`Gi`dYfj`]gcf`
UWwcfX]b[`h`h`Y`gdYW]Z]WfYei`]fYa`YbHg`cZhY`fYgYUfW`d`fc`YWhUbX`]hg`a`Yh`c`X`c`c`[`m`

BchY.`5dd`]W]h]cb`Zcfa`g`h`c`i`bXYfU`_Y`h]g`Wci`fgY`UfY`Uj`U]UV`Y`Zca`h`h`Y`fY`Yj`UbhDfc[`fUa`7`ccfX]bUhc`f`
UbX`a`i`ghVY`cX[`YX`Zc`f`Wcbg]XYfU]cb`VmH`Y`YbX`cZhY`h`UW]b[`dYf]cX`d`fYW]X]b[`h`Y`ghUf`h`cZhY`
fYgYUfW`d`fc`YW`

7ci fgY`@YUfb]b[`C`i`hWca`Yg

- %`8Yg][`bzXYj`Y`cdz`UbX`fYdcf`h`c`b`U`fYgYUfW`d`fc`YWhfy`UH`X`h`c`gcWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`
h`Ycfmcf`d`fUW]W`"
- &`F`Yj`]Yk`h`h`Y`"hYfU]h`fY`cb`U`fYgYUfW`h`cd]WfY`UH`X`h`c`gcWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`h`Ycfmcf`
d`fUW]W`"
- `"8Ya`cbghU`h`_bck`YX[`Y`UbX`i`bXYfgh]UbX]b[`cZU`Wc`fY`UfYU`cZgcWU`k`cf`_`UbX`#`f`Wci`bgY`"b[`
h`Ycfm]UbX`d`fUW]W`"

HYUW]b[`G`h`f`U`h`[`]Yg`

b`h]g`Z]bU`dcgh[`fUXi`UH`Wci`fgYz`mci`UfY`Yl`dYW]X`h`c`i`bXYfU`_Y`]bXYdYbXYbhfygYUfW`]b`h`Y`Wca`d`Yh]cb`
cZmci`f`d`fc`YW`5W]X`Y`a`]Wgi`dYfj`]g]cb`k`j`"d`fcj`]XY`Ub`Ybj`]fcb`a`YbhZc`f`gh`XYbhWcbgi`hU]cb`]b`h`Y`
d`Ubb]b[`UbX`Wca`d`Yh]cb`cZhY`d`fc`YW`b`Wca`d`Yh]b[`h]g`Wci`fgY`h`Y`fY`]g`Ub`Yl`dYW]h]cb`h`U`h`mci`k`j`"i`gY`
Ub`UbU`m]W]UddfcUW`h`c`mci`f`k`cf`z`UbX`g`l`ck`h`h`Y`UV`]m]h`c`Udd`m]h`Ycfm]UbX`h`c`h]b`_`W]h]W]m`9j`]XYbW`
cZh]g`a`i`ghVY`d`fcj`]YX`]b`h`Y`Z]bU`d`fc`YWhfydcf`h`k`k`]W]g`d`fcXi`W`X`Uh`h`Y`fY`Yj`UbhXi`Y`X`U`h`]b`h`Y`
Wci`fgY`GC`7`:`)%%`DfcZygg]cbU`DfUW]W`F`YgYUfW`Dfc`YWh`6`f`h`Y`UggcW]UH`X`Wci`fgY`h`c`h]g`Wci`fgY`E`"Mci`
UfY`fYgdc]b]V`Y`Zc`f`h`Y`dUW`UbX`d`fc[`fYgg`cZhY]f`fYgYUfW]z`UbX`Zc`f`U]g]b[`k`]h`h`Y`Gi`dYfj`]gcf`UbX`#`f`
7`ccfX]bUhc`f`Ubm]W]U`Yb[`Yg`c`f`X]Z]W`h`Y`g`k`]h`mci`f`Y`Ufb]b[`"Gi`dYfj`]g]cb`k`j`"VY`gdUW]X`c`j`Y`f`h`Y`h`Y`fa`z`
k`]h`c`ddcf`h`b]h]Yg`Zc`f`d`fc[`fYgg]j`Y`Z`Y`X`V`U`W`_`UbX`bY[`ch]UH`X`a`]Yg`h`c`bY`hUg`_g`"



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Gh XYbtg`k]`VY`U`cWUHX`U`gi dYfj]gcf

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`F Ygci fWg.

%`6fma Ubz`5`"f&\$%&E`GcWU`fYgYUfW`a YhcXg`f(h`YX"E`C I ZcFXz`9b[`UbX.`C I ZcFX`I b]j Yfg]m`

&"GdfYb_`Yz`8"<`"/`D]YfWz: "D`"fYXgLf&\$)\$ E`"F YgYUfW`A YhcXg`]b`:`Ua]`mH\YfUdnz; i]ZcFX`DfYgg.

BYk`Mcf_`"H\]g`di V]WU]cb`WU`b`VY`di fWUgYX`cb!`]bY`VmUWfYgg]b[`h`Y`Zc`ck`]b[`I`F`@

6f]hg\`>ci fbU`cZGcWU`K cf_ž' %ž) +!+- "

7cfVmž6"f&\$\$*E"5dd`m]b['fYgYUfVX`]b'gcWU`k cf_`dfUWVW"A U]XYb\YUX. 'C dYb' l b]j Yfg]m"; f]bbY`žF " A "fØX"Éf% , , E" GcWU`k cf_`fYgYUfVX`UbX`Yj U`i Uh]cb" #UgWU. : 9`DYUW`W_"

A Ufck ž7 "F "f&\$\$) E" F YgYUfVX`a YhcXg`žf[YbYfU`]ghgcWU`k cf_`"6Y`a cbh`6fcc_g#7 c`Y"BYi a UbžK " @"/ `? fYi [Yfž@`K "f&\$\$' E" GcWU`k cf_`fYgYUfVX`a YhcXg. 'E i U`]fU]j Y`UbX`ei Ubh]fU]j Y`Udd`]WU]cbg" 6cgrcb. `DYUfgcb`9Xi WU]cb"

F cmgYž8 "f&\$\$(' E" F YgYUfVX`a YhcXg`]b'gcWU`k cf_`f(h`YX"E`DUWZ]W; fcj Y. `6fcc_g#7 c`Y"GUfUbfU_cgž G"f&\$\$) E" GcWU`fYgYUfVX`f] fX`YX"E"@cbXcb. 'A UW`]`Ub"

K U`hYžA "fØX"Éf&\$\$*E" GcWU`fYgYUfVX`a YhcXg. `Ub`5i gfU`]Ub`dYfgdYW]j Y" `Gci h`A Y`Vci fbY. `C l žfX

F YW`a a YbXYX`cb`]bY`a UHf]U`g`UbX`chYf`i gYZ` `gci fW`g

% GcWY]mžf`GcWU`K cf_`UbX`F YgYUfVX`!`hhd. ## k k "ggk f"cf[#
&" 9j]XYbW`6UgYX`DfUW]W`]b`< YU`h`7 UfY`!`hhd. ## k k "V]ca YX" `]V`i a b"YXi #YUfb#Vd#
' " H\Y` : Ua]mH\YfUdmUbX`Gmg]Ya]Wf YgYUfVX`7 YbhfY`-`hhd. ## k k "i Y`!žgfWcf[#
(" GcWU`F YgYUfVX`5ggcWU]cb`k k k "hY!gfU"cf["i _
) " E i Ubh]fU]j Y`F YgYUfVX`8Yg][b`[\hhd. ## k k "Yl dYf\]a YbhfYgci fW`g"V`a #ei Ubh\]fU\]j Y!fYgYUfVX! XYg\]\[b`h`a`](#)
*" 9j]XYbW`6UgYX`DfUW]W`]b`< YU`h`7 UfY`!`hhd. ## k k "V]ca YX" `]V`i a b"YXi #YUfb#Vd
+ " Dfc[fUa `9j U`i Uh]cb`UbX`8Yg][b`!`[\hhd. ## a UbU\] Ya YbhfY`d"cf\[#j U`i U\]b#b`SYj U`h`a`](#)

h`a UmVY`i gYZ` `hc`fYj]Yk`h\Y`ž`ck]b[`a YU!fYj]Yk`UVci hZJa]mH\YfUdmci hW`a Y`fYgYUfVX`. F Yj]Yk`cZ ZJa]mž`W`i d`Yg`UbX`gmg]Ya]W]h`YfUdmci hW`a Y`fYgYUfVX`&\$\$!&\$\$- `VmDYHf`GhfU]cbž9a a U`G]j Yfž B U]Ug\U`B U]g]W]a Ybhcž; k Yb`Dck Y`ž`@]n`A W`cbbY`"/ `9k U`B`cj`chbm]g`Uj U]UV`Y`Uh`
[\hhd. ## k k "Užf`cf\["i` #fU\]b\]b\[#YgYUfVX"Ugd](#)

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

7ci fgY`Yj U`i Uh]cb`UbX`XYj Y`cda Ybhk]`VY`]bžfa YX`Vmigh`XYbhZYXVUW`h`fci [`l` BGK `A m 9l dYf]YbW`"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UH`Ya` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`Ug`Y`
HY`Yd`l`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`)`"``"``"``%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`""`Gi`ddc`fh`
l`ci`fg`UfY`,`.\$`\$Ua`-`-%`\$.`\$`\$da`i`cb`k`YY`_X`Umg`U`b`X`-`.`.\$`\$Ua`-`-)`.\$`\$da`i`cb`k`YY`_Y`b`X`g`f`l`*)`X`Umg`U`m`Y`U`f`l`"≠mci`
UfY`i`b`U`V`Y`h`c`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`h`c`U`Z`Ji`h`k`]h`Hi`fb]h]b`mci`i`a`Um`U`dd`m`Z`c`f`U`b`YI`HY`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`HY`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`L`h`c`
]b`Wi`X`Y`U`g`Y`j`]X`Y`b`W`h`c`gi`ddc`fh`mci`f`YI`HY`bg]cb`U`dd`]W`h]cb`"≠mci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`
Ui`h`ca`U`h]W`U`m`f`Y`W`]j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`HY`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`h`c`g`d`Y`W`Z]W`U`m`U`g`_`Z`c`f`c`b`Y`"
Hi`fb]h]b`U`g`c`d`f`c`j`]X`Y`g`i`d`X`U`h`Y`g`c`b`h`Y`]f`g`m`g`h`Y`a`i`g`h`U`h`g`c`b`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`U`gg`Y`g`g`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]h]b`c`f`U`A`cc`X`Y`
U`gg][`ba`Y`b`h`i`h`]b`g`h`U`b`W`g`k` \Y`f`Y`h`l`g`]g`b`c`h`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`c`b`mci`f`W`c`i`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`fa`U`h]c`b`c`b`l`c`k`h`c`gi`Va`]h`U`gg][`ba`Y`b`h`g`c`b`]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`c`k`!
gi`Va`]h`U`gg][`ba`Y`b`h`a`cc`X`Y`"

5 WUXYa]W< cbYgmiUbX`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" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfUHY`WXYUH]b[`hc`UWV]XYbhU`mWc`dm]b[`Zca `U`gci fW`k]h`ci 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]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[YgZ`UfhUbX`XYg][b`dfc`YWgZ`Ug`k Y`Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]h`

~~bUddfcdf]UHY`dUfUd`fUg]b[. `7`Ub[]b[`U`ZYk`k cfXg`UbX`d`fUgYg`k \]Y`a cghmfYHU]b]b[`hY`cf][]bU`~~

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc`]W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby`]b'h'Y'I BGK 'W'a a i b]m
- `cW'W'h'gYfj]W'g'UbX']bZ'fa U]cb'UVci hi BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]`VY'ZJa]]Uf'hc'mci ž'c'h'Yfg'k]`VY'bYk "; U]b]b['U'gc`]X'i bXYfghUbx]b['cZU`'h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]`'Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Yg" \]VfUfm'i bgk "YXi "Ui #' \]gY#\]Vci h' \]gY](#)

5 WUXYa]W=Zcfa Uh]cb

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.

- fYei Ygth`Zc`Yl H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/