



CRIM2038

7ci fgY`Cj Yfj]Yk

`GHJZ7cbhJWhi8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
<ck UfX`GYfWta VY	\`gYfWta VY4 i bgk "YXi "Ui	Hi YgXUmg` !(" "\$" ; ' , C f`VmUddc]bha Ybh'		\$(\$&\$- ' %\$*

GWxcc``7cbhJWhi`bZcfa Uhjcb

GWxcc``cZGcWjU`GWYbWg

Fcca`%) -

Acfj Yb`6fck b`7&\$

Ya Uj`.gcgg4 i bgk "YXi "Ui

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

7ci fgY'8YHJ]`g

7fYX]h'Dc]bhg`*`

Gi a a UfmcZ'h\Y'7ci fgY

Gi VYWh5fYU.'5d_ [a^âYk

⊕'h]g'Wci fgY'mci 'k]'' [U]b'U'W]hW'i bXYfgHUbX]b['cZ\ck 'mci b['dYcd'Y'VYWca Y']bj c'j YX']b'Ub]gcWU`

5ggYgga Ybh

Ɂ'h]g'wci fgY'mci 'ufY'YI dYwYX'fc'UthYbX'Uh'YUgh, \$i 'cZhi hcf]U'g'f]bW' X]b['cb]bY'hi hcf]U'g'k' H\]g'a YUbg
 hUhmei 'a i ghUthYbX '%\$#&'cZhi hcf]U'g'"=Zmei 'UthYbX'Ygg'hU'ub', \$i 'cZhi hcf]U'g'zmei 'a UmVY'fYZ gYX'ZbU'
 UggYgga Ybh'H\]g'a YUbg'hUh]Zmei 'Xc'bc'hUthYbX'Uh'YUgh, \$i 'cZdcgg]V'Y'hi hcf]U'g'zmei f'Z]bU'
 Ugg][ba Ybh'a UmfYwW]j Y'U'a Uf_'cZnYfc'": cf'hY'di fdcgY'cZUthYbXUbVW'a cb]hcf]b['zhY'Z]bU'UggYgga Ybh
 Zcf'h]g'wci fgY'jg'hY'fYgYUfW'YggUm'k c'f'h') \$i 'cZmei f'cj YfU''[fUXY'Zcf'h]g'wci fgY''H\]g'jg'hY
 UggYgga Ybh]h'a 'hUhk]''VY'[fUXYX'UhnYfc:]Zmei 'Xc'bc'ha YY'h'hY'UthYbXUbVW'fYei]fYa YbhZcf'h]g
 wci fgY"

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hW'a Yg'5ggYggYX
5bbchUthYX'6]V'c[fUd\mi	&)	%) #/%\$#&\$%- '%%)) 'DA	%ž(
; fci d'DfYgYbhU]cb'	&)	%)#/%\$#&\$%- '%%) - 'DA	&ž ž ž*
F YgYUfW'9ggUm) \$	&) #/%\$#&\$%- '%%) - 'DA	%ž&ž ž*

5ggYgga Ybh8YhU]g'

UbX'dfcj]XY'Yj]XYbW!VUgYX'fYWta a YbXUh]cbg:Zcf'hY'dfYj Ybh]cb'cZUbX']bhYfj Ybh]cb'k]h'mci h'Uhf]g_cZ
Ubh]gcW]U'VY\Uj]ci f'UbX'cZYbX]b["K f]hYb'ZYXVUW_U[U]bghXYhU]YX'a Uf_]b['fi Vf]Wdfcj]XYX'h\fcj [\
A ccX'Y'f&) \$\$'k cfXgk"H\]g'hUg_k]'VY'hY'Z]bU'UggYgga YbhZcf'hY'Wci fgY"

5 HfYbXUbW F Yei JfYa Ybhg

D YUgY bchY hUhYWhi fY fYwFX]b[g UfY bchUj U]UVY Zcf h]g Wci fgY" Gh XYbhg UfY gfc b[mYbWci fU[YX hc UHfYbX U WUggYg UbX WcbhUWhiY 7 ci fgY 5i hcf]mhc a U_Y UHfYbUhj Y UffUb[Ya Ybhg Zcf WUggYg a JggYX"

7 ci fgY GWXYXi Y

[J Jk WUgg ha YHUVY](#)

Hja YHUVY

8UHf	HmdY	7cbhYbh
K YY_% %* GYdhYa VYf! &\$ GYdhYa VYf	@YWhi fY	H\Y WbhfU`dfcV`Ya Uh]W`h.Y`U[Y#W]a Y`W fj Y A i `hd`Y Yd]ghYa c`c[]Yg`UbX`k cf_]b[`UWfcgg X]gWd`]bYg" H\Y `dfcV`Ya `cZU[YbWm`
	Hi hcf]U`	÷hfcXi W]cbg. `dUfh]W]dUbhgž`hY`i b]hž`UggYgga Ybhz YI dYWU]h]cbgž`cV`YW]j Yg"
K YY_&.`&` GYdhYa VYf! &+`GYdhYa VYf	@YWhi fY	DfcV`Ya Uh]gU]h]cbg. `mci hžf]g_žW]a Y"
	Hi hcf]U`	F]g_`VUgYX`UggYgga Ybh : fci d`Zcfa Uh]cb
K YY_`.`.` \$GYdhYa VYf! (`C WcVYf	@YWhi fY	H\Y `bYi fcgW]YbW`cZUXc`YgW`bW`UbX`f]g_. [YbYh]WgžYd][YbYh]Wg`UbX`XYj Y`cda YbHU` bYi fcgW]YbW`
	Hi hcf]U`	f#` Yd][YbYh]WghU]h []Yg
	C b`]bY`5W]j]m	BdW` S` Uk S` V [`X` Uk
K YY_(`.`+`C WcVYf!`%`% C WcVYf	@YWhi fY	A YbHU` \YU`h`UbX`gi VghUbW`i gY
	Hi hcf]U`	K cf_]b[`k]h`dYfgcbU`]mX]gcfXYfg
K YY_)`.%(`C WcVYf!`%`% C WcVYf	@YWhi fY	H\Y `dfcV`Ya Uh]WZJa]m
	Hi hcf]U`	H\Y `Wg`h`cZ]bhYfj Ybh]cbž`UbX`hY`Wg`h`cZbch]bhYfj Yb]b[
	5ggYgga Ybh	5gg][ba Ybh`%Xi Y`k YY_)`. `A cbXUm%(`C WcVYf` %`%) - da
K YY_*.`&%`C WcVYf!`&` C WcVYf	@YWhi fY	7 \]X`a U`fYUha Ybh
	Hi hcf]U`	: 5G8
K YY_+.`&`,`C WcVYf!`%`% Bcj Ya VYf	@YWhi fY	H\Y `Wca`a`i`b]m`UfYUg`cZa`i`hd`Y`XYdfj`Uh]cb
	Hi hcf]U`	Dc`W]b[`]b`UfYUg`cZa`i`hd`Y`XYdfj`Uh]cb
K YY_`,`(`Bcj Ya VYf!`,` Bcj Ya VYf	@YWhi fY	DYYfg`UbX`gW]cc`
	Hi hcf]U`	: Ub[g
K YY_`-`. `%Bcj Ya VYf! %) `Bcj Ya VYf	@YWhi fY	7 f]a]bU`]gUh]cbg. `Xfi [gž`Ubh]!gcW]U`VY`Uj]ci fž gYI i U`]h]Yg
	Hi hcf]U`	K \Uhk ci `X`\UddYb`]Zk Y`XYW]a]bU`]gYX`Xfi [g3
	5ggYgga Ybh	; fci d`Ugg][ba YbhXi Y`A cbXUmBcj Ya VYf`%`%` %`%) - da
K YY_`%\$.`%`Bcj Ya VYf! &&Bcj Ya VYf	@YWhi fY	Mci hž`hY`a YX]U`UbX`W]a Y
K YY_`%`&`Bcj Ya VYf!	5ggYgga Ybh	F YgYUfW `5gg][ba Ybh` `Xi Y`A cbXUmBcj Ya VYf

&- 'Bcj Ya VYf

|&). '%%) - da

; c'Xgcb'6'UbX'A i bWY'>'f&\$*\$'E'Mci h'ž7 fja Y'UbX'>i ghVW. '7 f]hVW' 'ggi Yg'@cbXcb. 'GU[Y

; ccXk]bžJ "'UbX'6"'8Uj]g'f&\$%&' "'7 fja Y'ZJa]'Yg. ; YbXYf'UbX'hY']bhYf[YbYfU]cbU'fUbgZYf'cZW]a]bU' hYbXYbWYg"'HfYbXg'UbX']ggi Yg']b'W]a Y'UbX'W]a]bU'↑ghVW. '(%& "

<ca Y'žF "žF "'@]bW' b'UbX'6"<YfX'f%- --'E"'F]g_ 'UbX'fYg]]YbW. '7 fja Y'UbX'j]c'YbW' dFyj Ybh]cb']b 5Vcf[]bU'W'ca a i b]hYg"'5i ghfU']Ub' / 'BYk 'NYU'UbX'>ci fbU'cZ7 fja]bc'c[m' &f&Ł % &!% *"

≠j]bYžH" A Ui bXYfgž8 "'UbX'G\Yff]b[hcbž; "f%- -) Ł'KagfZ [3gefđS'Š, ba]Uk' SV_ []efđSf[a` S` V ba]f[]Ue' A Y'Vci fbYžA UWA]'Ub'9Xi W]h]cb"

@UbW]hžB "'f&\$%) E'7\UdhYf'&). '8Yj Y'cda Ybhcz5bhgcW]U'6Y\Uj]cf']b'5Xc'YgW]bh;]f'g"'H\Y XYj Y'cda YbhczW]a]bU'UbX'UbhgcW]U'VY\Uj]cf'">" A cf]nchUbX'@'? UnYa]Ub"'@cbXcbž Gdf]b[Yf. " - - ! (%&

A UghYbž5 "'G" UbX'>"8"'7cUhgk cfh' f%- - , E' "H\Y'XYj Y'cda YbhczW'ca dYh' bW']b'Zj cfUV'Y'UbX i bZj cfUV'Y'Ybj]fcb a Ybhg. @Yggcbg'Zca 'fYgYUfW'cb'gi W]W'ggZ 'W]X'fYb"'5a Yf]W]b'dgmW'c'c[]gh)' f&Ł &\$) "

A i j Ymž9"D"ž@'GH]bVYf[ž">": U[Ubž9"'7Ui Za Ubž5"F"D]ei Yfcž@'7\Ugg]bž; "D"?b][\hžF "'6fUa Yž 7"'5"GWi VYfhUbX'H"'<YW'Yf'f&\$\$(E' "H\YcfmUbX'fYgYUfW'cb'XYg]ghUbW'Zca 'UbhgcW]U'UW]j]miUa cb[gYf]ci g'UXc'YgW]bhczYbXYfg"'Mci h'J]c'YbW'UbX'>i j Yb]Y'>i ghVW. &f' Ł' &% !& *"

A i bWY'>'f&\$\$(Ł'KagfZ S` V 5d_ W'3 5df[US^;` fcaVgUf[a` &bX'9X'@cbXcb. 'GU[Y

B]UbžD"'F cVYfhUž">"/ ; Yfa cj 'ž">"f&\$*\$+Ł'3gefđS'Š` KagfZ, eaU[S^S` V Ug'fgđS^]eegW'žA Y'Vci fbYž DYUfgcb"

C a U]D'f&\$*\$' Ł'DW'eba` V[Y fa KagfZ 5d_ W< Uk _]bg'DfYgg'@Y]W\UfXh

DUFX]b]ž8"žF "K U'Yf'UbX'G"K "'<Uk Yg'f&\$%) E'7\UdhYf'% .: Ua]]U' bZi YbW]g'cb'hY'8Yj Y'cda Ybhcz GYf]ci g'7cbXi W]DfcV'Ya g'UbX'8Y']bei YbW]h'YXYj Y'cda YbhczW]a]bU'UbX'UbhgcW]U'VY\Uj]cf'">" A cf]nchUbX'@'? UnYa]Ub"'@cbXcbžGdf]b[Yf. '* +!% \$"

D]ei Yfcž5"'F "žK "; " ">Ybb]b[gž6"'8]Ua cbXž8"D": Uff]b[hcbžF "'9" HfYa V'Unž6"'7"'K Y'g\ 'UbX'>"A "F" ; cbnU'Yn'f&\$*\$' E' "5'a YfU']UbU'ng]g'i dXU'Y'cb'hY'YZZYwg'cZYUf'mZJa]m'UfYbh]fU]b]b['dfc[fUa g'cb UbhgcW]U'VY\Uj]cf'UbX'XY']bei YbW]h'>ci fbU'cZ9I dYf]a YbhU'7 fja]bc'c[m'&f&Ł' &&- !&(, "

Dcmb]b['G'UbX'A cf[Ub; 'f&\$*\$+Ł'a gfdSYW'age`? adS^BS` [Ue [3gefđS'Š 57 MF

GUa dgcbžF "'>"UbX'G"K "'F Ui XYbVi g\ 'f&\$*\$&'8]gcfXYf']b'i fVUb' bY][\Vcf\ccXg. '8cYg']h'YUX'h'W]a Y3ž I 'G'8YdUf]ra Ybhcz>i ghVW'žC Z]W'cZ>i ghVW' Dfc[fUa gžB U]h]cbU' bgh]h' h'cZ>i ghVW"

GUbXYfgž">"UbX'; fU]b[YfžF "'f&\$*\$' Ł'KagfZ <gef[UW kagdYg]VWfa Uabe S` V Uagdfē [@W' E agfZ I S'W'ž GmXbYm'H\Y': YXYfU]h]cb'DfYgg"

GW]bX'Yfž<"G"UbX'7"' : "'8"'6'UW_ 'f&\$%) E'7\UdhYf'+. '9Uf'mDfYj Ybh]cb'cZ7 fja]bU'UbX'5bhgcW]U' 6Y\Uj]cf. '5'F Yj]Yk 'cZ' b]hYf' Ybh]cbg']b' bZ]bW]h'UbX'7\]X\ccX" H\Y'XYj Y'cda YbhczW]a]bU'UbX' UbhgcW]U'VY\Uj]cf'">" A cf]nchUbX'@'? UnYa]Ub"'@cbXcbžGdf]b[Yf. '(' ' ! ((*"

Ga]hžF "'f&\$*\$' Ł'KagfZ <gef[UW ;VW]Sei Ba]Uk' BcSuf[UWž7i `ca dhcbžK]'Ub_

H]VVYhgžG" UbX'F ">'f&\$%) Ľ'7 \UdhYf'% 'DfYbUHJ" UbX'DYf]bUHJ": UWtcfg']b'h\Y'8Yj Y`cda YbhcZ
DYfg]ghYbh7 f]a]bU']hm" H\Y'XYj Y`cda YbhcZWF]a]bU' UbX' UbhgcWU" VY\Uj]cf" ">" A cf]nchiUbX'@'"? UnYa]Ub"
@cbXcbžGdf]b[Yf.'%* +!% \$"

HfYa V'UmžF "'9"'f&\$%) Ľ'7 \UdhYf' . '5bhgcWU" 6Y\Uj]cf'6YzcfY'h\Y'5 [Y-7 f]a Y'7 i fj Y.'7 Ub
8Yj Y`cda YbHU" 7 f]a]bc`c[m7 cbh]bi Y'hc' = bcfY'8Yj Y`cda YbHU" C f][]bg3' H\Y'XYj Y`cda YbhcZWF]a]bU'
UbX' UbhgcWU" VY\Uj]cf" ">" A cf]nchiUbX'@'"? UnYa]Ub"@cbXcbžGdf]b[Yf.' -!(-"

K]Xca ž7 "'G" UbX' < "'K "'K]gcb'f&\$%) Ľ' 7 \UdhYf[YbYfUH]cbU" hfUbg a]gg]cb'cZj]c`YbW" J]c`YbW' UbX'a YbHU'
\YU'h" ">" @]bXYfhUbX' = '@Yj Uj žGdf]b[Yf.' &+!() "

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

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

≠mci`YbWci bHYf`U`dfcV`Ya`k`Yb`U`HYa`dh]b[`hc`gi Va]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`U]`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f1`*)`XUmg`U`mY`UfL`≠mci`
UfY`i`bUV`Y`hc`gi Va]hmc`i`f`Ugg][`ba`YbhXi`Y`hc`U`ZU`i`hik`]h`Hi`fb]hb`mci`a`Um`Udd`mi`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`gh`fY`hU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`Ubh`Xc`W`a`Ybhg`L`hc`
]bW`i`XY`Ug`Yj`]XYbW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb"≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`Uh]W]m`fY`W]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W]W]m`Ug`_`Zc`f`cbY`
Hi`fb]hb`U`gc`dfcj`]XYgi`dXUH`Y`g`cb`h`Y]f`gmgh`Ya`gh`U`h`g`cb`Hk`]hYf"

;`YbYfU`mz`UggYgga`YbhHUg_g`a`i`gh`VY`gi`Va`]hY`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`Ybh`h`h`]bg`h`Ub`W`g`k`Y`f`Y`h`l`g`]g`b`chid`cgg]V`Y`z`]h`k`]`VY`g`h`U`h`X`cb`mci`f`Wci`fgY`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`XY`hU]`g"

:`cf`]b`Zc`fa`Uh]cb`cb`\`ck`hc`gi Va]hUgg][`ba`Ybhg`cb`]bY`j`]U`A`cc`X`Y`.\`h`tdg`#`gh`XYbh`i`bgk`"YXi`"Ui`#`ack`!
gi Va]hUgg][`ba`Ybh`a`cc`X`Y`

5 WUXYa]W<cbYghmiUbX`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" `#WUb`hU`Y`a`Ubm
Zcfa`gž`Zca`XY`]VYfUHy`W`YU]b[`h`UW]XYbhU`miW`dm]b[`Zca`U`gci`fW`k`h`ci`hUW_bck`YX[Ya`Ybh`

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ

5 WUXYa]WbZcfa Uh]cb`

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

- fYei Ygh]Zcf`YI h`bg]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/
-