

# **CVEN3203**

5dd`]YX'; YchYWXb]Wg'UbX'9b[]bYYf]b['; Yc`c[m

HYfa 'C bY''##'&\$&%

# 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

### GHJZZ7cbHJWh78YHJ]`g

#### 7cbj Ybcfg

| BUa Y         | 9a U]`                     | 5j U]`UV]`]m | @cWUhjcb | D∖cbY            |
|---------------|----------------------------|--------------|----------|------------------|
| 8f?ifh8ci[`Ug | _"Xci [`Ug4 i bgk "YXi "Ui | H67`]b`WUgg  | 79')\$*  | - ' , ) `) \$( * |

#### @Y₩ni fYfg

| BUa Y                                   | 9a U]`                       | 5j U]`UV]`]m | @cWUh]cb | D∖cbY |
|---|------------------------------|--------------|----------|-------|
| 8f <sup>°</sup> 6UVU_<br>G\U\VcXU[\_\Ub | V"g\U\VcXU[\4 i bgk "YXi "Ui | H67`]b`WUgg  | 79)\$+   |       |

#### GWXcc``7cbHJWhi=bZcfaUhjcb

<u>9b[]bYYf]b[\_`Ghi XYbhiGi ddcfhiGYfj]WYg</u>`-'H\Y`Bi WYi g`!`Ybfc`a Ybhž'dfc[ fYgg]cb`W\YW\_gžWUg\`fYei Yghgž Vci fgY`]ggi Yg`cf`dfc[ fUa !fY`UhYX'ei Yf]Yg`

<u>9b[]bYYf]b[`⊕Xi ghf]U`HfU]b]b[</u>`-`⊕Xi ghf]U``hfU]b]b[`ei Ygh]cbg`

LBGK 'Gh Xm5VfcUX'-gh XmUVfcUX'gh XYbhYbei ]f]Yg'fZcf']bVci bX'gh XYbhgŁ'

I BGK '9I W.Ub[Y'-ghi XYbhYI W.Ub[Y'Ybei]f]Yg'fZcf']bVci bX'ghi XYbhgŁ'

<u>IBGK :: i hifY'GhiXYbhg</u>'-'dchYbh]U``ghiXYbhYbei]f]Yg'Y"["'UXa]gg]cbgž'ZYYgž'dfc[fUagž'WfYX]hhfUbgZ'f'

#### D\cbY'

fŽ\*%\*&Ł'-',)\*,)\$\$\*-BiWYig'GhiXYbh<iV'

fŽ\*%`&Ł`-',)`+\*\*%`**-**`9b[]bYYf]b[`±bXi gHf]U``HfU]b]b[`

fŽ\*%`&Ł'-',)`'%+-`<mark>-</mark>`IBGK `GhiXm5VfcUX`UbX`IBGK `9IWXUb[Y`fZcf`]bVcibX`ghiXYbhgŁ`

# 7ci fgY<sup>·</sup>8YHJ]`g

#### 7 fYX]hDc]bhg\*\*\*

#### Gi a a UfmcZhXY7ci fgY

H\]gʻWci fgYʻWcj Yfgʻfk cʻ]a dcffUbhUfYUgʻcZ[YchYWkb]WU`Yb[]bYYf]b[.:[Yc`c[mUbXʻUdd`]YX`[YchYWkb]Wg" H\Y`[Yc`c[mgYWf]cbʻWcj YfgʻfkYʻYUffk`UbX`]ffgʻZcfa Uh]cbžfcW\_imdYg/fkY]fʻVY\Uj ]ci fʻUbXʻdfcdYff]YgʻUbX gi Vgi fZJWY`a Udd]b["`H\Y`fcd]Wgʻ]bʻfkYʻUdd`]YX`[YchYWkb]Wgʻ]bWi XY.`fkYcfYf]WU``UbXʻdfYgi a dh]j YʻVYUf]b[ WUdUWJfmcZg\U``ck 'Zci bXUh]cbgž'U``ck UV`Y`gYfhYa YbhUbX'Zci bXUh]cbgʻcbʻgUbXʻUbX`WUnž``UhYfU``YUffk dfYggi fYgžfYfu]b]b[`k U``XYg][bžg]b[`Y`UI]U``mUbX``UhYfU``m`cUXYX`d]`YgʻUbX`d]`Y`[fci dgžYI WJj Uh]cb`UbX XYk UhYf]b["

#### 7 ci fgY 5]a g

+i]g`Ub`U]a `cZh\]g`Wci fgY`hc`\Y`d`XYj Y`cd`h\Y`Zc``ck ]b[ `[ fUXi UhY`Uhhf]Vi hYg.Hc`[ ]j Y

ghi XYbhgʻUʻgc`]X`[fUgdʻcZh\Yʻh\YcfmUbXʻdfUWf]WYʻcZ[YchYW\b]WU``Yb[]bYYf]b[žUbXʻhcʻVYʻZJa]`]Ufʻk]h\ʻh\Y VUgYgʻcZfYgYUfW\ʻhcʻZifh\Yf`XYjY`cdʻ]hgʻhYW\bc`c[m"=bʻUXX]h]cbž`[fUXiUhYgʻg\ci`X`VY`UV`YʻhcʻUdd`mih\Ycfm hc

dfUWgW[`]b`ZJa ]`]Uf`UbX`i bZJa ]`]Uf`g]h Uhjcbg/

Hcˈɡh]a i `UhY h\Y`]bhY``YWi U``W f]cg]micZgh XYbhgʻgc h\Uhh\Ymik ]``VY`a chjj UhYX`hcʻi bXYfhU\_Y`]bXYdYbXYbh fYZYWij Y``YUfb]b[ 'UgʻU``]ZY`cb[ 'g\_]``/

Hc 'H/UVX 'gh XYbhg`\ck 'hc 'XYZbYž'UbU`mgY'UbX'gc`j Y'dfcV`Ya g'WYUf'mUbX'`c[]WU``mUbX']b'Xc]b[ 'gc 'VY UV`Y'hc 'ZbXž'Yj U`i UHYž']bH/fdfYhUbX'Wc```UHY']bZcfa Uh]cb/

Hc`XYjY`cd`]bXYdYbXYbhWf]h]WU``h\ci[\hk]h]b`ghiXYbhg`gc`h\Uhk\Yb`bYWfggUfmih\Ymk]```VY`UV`Y`hc W\U``Yb[Y`W ffYbhi\_bck`YX[Y`UbX`h\]b\_]b[/

Hc`YbWcifU[Y`dfcUWMjY`VY\Uj]cif`]b`ghiXYbhg`UbX`hc`[]jY`h\Ya`h\Y`UggcW]UhYX`YbhfYdfYbYif]U`g\_]``g bYWfggUfm/

Hc'dfcachY'U'fYgdYWfik]h\]b'ghiXYbhg'Zcf']bX]j]XiU``\iaUb'f][\hg'UbX'X][b]hmž'dUfh]Wi`Uf'mik\Yb']hfY`UhYg hc'aYaVYfg'cZh\Y'diV`]Wcf'ch\Yf'dYcd`Y'k\c'k]``VY'UZZYWhYX'Vmih\Y'dfc'YWfg'h\Uhih\YmXYg][b'UbX YIYWihY/

Hc ZcghYf YZYW) Y gY Za UbU[Ya Ybhg\_]`g/

Hc bi fhi fY h Y g\_]``g`fYei ]fYX Zcf`YZYWij Y `YUXYfg\]d`]bWi X]b[`Ub`UV]`]mihc a UbU[ Y UbX XY`]j Yf`dfc YWgž Ub`i bXYfgHUbX]b[`cZh\Y`gcWjU``XmbUa ]Wg`cZ[ fci d`dYfZcfa UbWfžU`fYdYfhc]fY`cZdfcWfggYg`Zcf`h\Y YZYWij Y`a UbU[ Ya YbhcZ[ fci dgžUbX`h\Y`UV]`]mihc`j U`i Y`X]j YfgY`VUW\_[ fci bXg`UbX`cd]b]cbg`UbX`Z bWijcb YZYWij Y`m]b`a i `h]X]gWjd`]bUfmihYUa g/UbX

Hc ]a dUfhgci bX + k cf\_b[ 'g\_)``g"

#### 7cifgY@YUfb]b[CiHWcaYg

5ZhYfigi VWVggZ ``mWca d`Yh]b[ h\]giWci fgYžmci ig\ci `XiVYiUV`Yihc.

#### 5XX]h]cbU`7cifgY = bZcfaUh]cb

; YchYW\b]WU``9b[]bYYf]b[`]g`h\Y`ghiXmcZh\Y`VY\Uj]cif`cZgc]`žfcW\_`UbX`[fcibXkUhYf`ibXYf`Yb[]bYYfYX Ybj]fcbaYbhg"`AcghYb[]bYYf]b[`ghfiWhifYg`k]```]bYj]hUV`m\UjY`gcaY`gcfhcZ]bhYfUWhjcb`k]h\`h\Y`[fcibX gifZUWY"`; YchYV\b]WU``9b[]bYYfg`UhhYadhhc`XYgWf]VY`UbX#cf`acXY``h\]g`]bhYfUWhjcb`hc`UV\\]YjY`U`gUZY`UbX YZ]WJYbhXYg][b"

GcʻZJfžmciʻ\UjYʻghiX]YXʻ7J9Bʻ&\$&`Gc]``AYW\Ub]Wg"`H\YfYZcfYžVmbckimciʻg\ci`XʻibXYfghJbX.ʻh\Y VUg]WYb[]bYYf]b[`WUgg]Z]WUh]cbʻcZgc]`/\ckigc]``VY\UjYgʻibXYf`]adcgYXʻghfYggYgʻUbXʻghfU]bg/UbX`\ck [fcibXkUhYf`Zckgʻh\fci[\`gc]``UbX`]hgʻYZYWficb`Yb[]bYYfYX`ghfiWhifYg"`H\YfY`UfY`hkc`aU]b`UfYUgʻh\Uh mci`\UjY`bchWcjYfYX`h\Uhk]```VY`UXXfYggYX`]b`h\]gʻWcifgY.

f5Ł'<ck 'hc'fY`UhY'h\Y'fYU'!k cfX'[Yc`c[]WU`Ybj]fcbaYbhhc'mcif'\_bck`YX[Y'cZ'WUgg!fcca'gc]'/UbX f6Ł'<ck 'hc'WcaV]bY'mcif'W ffYbh\_bck`YX[Y'UbX'DUfhif5Ł'hc'dYfZcfa'U'; YchYW\b]WU`9b[]bYYf]b['XYg][b"

#### DUfhf6±9b[]bYYf]b[; Yc`c[m

5 ; YchYWkb]WU`9b[]bYYf'a i gh\Uj Y'Ub'i bXYfgHbX]b['bchcb`mcZYb[]bYYf]b['df]bW]d`Yg'Vi hU`gc'cZ [Yc`c[mUbX'h\Y']b\YfYbhj Uf]UV]`]mUbX'WkU``Yb[Yg']h\UgʻZcf'Yb[]bYYf]b["'H\]g'Wci fgY'k]```HYUWk'mci 'U VUg]Wi bXYfgHbX]b['cZ[Yc`c[m]bWi X]b['\ck'[YchYWkb]WU`a UHYf]U`g'UfY'Zcfa YXž'k \UhH\Y]f WkUfUWHYf]gh]Wg'UfY'UbX'\ck'hc'XYgWf]VY'h\Ya'i g]b['Yb[]bYYf]b['UbX'[Yc`c[]WU``HYfa g"'=kk]```UHHYa dhirc []j Y'mci 'gca Y'i bXYfgHbX]b['cZh\Y'WkU``Yb[Yg'U'[Yc`c[]WU``Ybj]fcba Ybha Um\Uj Y'Zcf'U'dUfh]Wi `Uf Yb[]bYYf]b['dfc'YWf'5hh\Y'YbX'cZh\Y'Wci fgY'mci 'g\ci 'Xž'Zcf'Ubmg]HY'UbX'Yb[]bYYf]b['dfc'YWfz'V'UV'Y'nc Y]h\Yf.'fUE'XYj Y`cd'U'dfY`]a ]bUfm[YcHYWkb]WU``a cXY``Zcf'h\Y'g]HY'h\UhWUb'VY'i gYX'Zcf'XYg][b'cf'fl/E'VY UV'Y'nc'X]gWi gg'a cfY'Wca d'YI '[Yc`c[mk]h\'9b[]bYYf]b['; Yc`c[]ghg'nc'U[U]b'Wca Y'i d'k]h\'U'gi]HUV'Y [YchYWkb]WU``a cXY`"

#### DUfhfbl:5dd`]YX; YchYWkb]Wg

H\]gʻdUfhcZh\YʻWcifgYʻfYdfYgYbhgʻh\YʻZJbU``ghU[Y'`cZU'; YchYW\b]WU``dfcYWfi'=tk]``fYei]fY`mci`hcʻgh Xm h\YʻWcbjYbhJcbU``aYh\cXgʻZcfih\Y`XYg][b`UbX`UbU`mg]gʻcZWcaacb`[YchYW\b]WU``Wcbghfi WfJcbg`]bWiX]b[ g\U``ck`UbX`XYYd`fd]`YEZcibXUhJcbg`UbX`fYhU]b]b[`kU``g"`:cf`aUbmcZmcižh\]g`k]```VY`mcifZJbU``WcifgY`]b ;YchYW\b]WU``9b[]bYYf]b[`UbX`kY`\cdY`mci`[U]b`Ub'UddfYWJUhJcb`cZgcaY`cZh\Y`Wcad`YI]h]YgʻcZ ;YchYW\b]WU``9b[]bYYf]b["

H\cgYžbc'Xci VhUHfUWfjY'UbX'\][\`m]bH'``][Ybhgh XYbfgž'cc\_]b['Zcf'U'XYa UbX]b['UbX'WU`Yb[]b['mYh jYfmgUfjgZm]b['WUfYYf'k]``cVj]ci g`mk]g\'fc'di fgi Y'; YcHYWb]WU`'9b[]bYYf]b['Z fh\Yf''K Y`\Uj Y'U'bi a VYf cZ; YcHYWb]WU`'Y`YWfjYg']b'Z]bU``mYUf'h\Uhk]``YI HYbX'mci f`\_bck `YX[Y'Yj Yb'Z fh\Yf']bfc'UfYUg``]\_Y UXj UbWYX'gc]`a YW\Ub]Wg/Udd`]WUfjcbg'cZWca di HYf'g]a i `Ufjcb'HYW\b]ei Yg'fc'[YcHYWb]WU``Yb[]bYYf]b[ dfcV`Ya g/[fci bX']a dfcj Ya YbhUbX'h\Y'XYg][b'cZdUj Ya Ybhgž'h bbY`g'UbX'g`cdYg'''7 ca Y'UbX'hU`\_'fc'i g']Z mci 'k Ubhfc`\_bck 'a cfY''

5gʻUʻ[fUXi UhY'; YchYWkb]WU``9b[]bYYfžmci 'a ][\hYI dYWhc'k cf\_'cb'dfc'YWgʻUgʻX]j Yfg]ZJYXʻUg.'Vi ]`X]b[ UbX`Vf]X[Y'Zci bXUh]cb'XYg][b'XUa 'XYg][b'UbX`Wcbghfi Wgcb/fcUX'dUj Ya YbhXYg][b/g`cdY`ghUV]`]hm UbU`mg]g`UbX`ghUV]`]gUh]cb/UbX`h bbY``UbX`a ]bY`XYg][b''`A cghImd]WU``mimci `k ]```Xc`U`dUfhh]a Y`Wci fgYk cf\_ a UghYfg`k ]h`i g`UZhYf`k cf\_]b['Zcf`U`mYUf`cf`hk c`hc`gi dd`Ya Ybhimci f`\_bck `YX[Y`fUbX`dfcj ]XY`Ub`YI W`gY Zcf`mci f`\][\`W\Uf[Y!ci hfUhYŁ''Gca Y`cZmci `a UmYj Yb`k ]g\`hc`Xc`U`D\8`f]Z]bhYfYghYX`Wca Y`UbX`hU`\_`k ]h i g`Ubmh]a Yžk Y`\Uj Y``chg`cZdfc`YWg#gW\c`Ufg\]dg`Uj U]`UV`YŁ'' 5ggYgga Ybh

a Uf\_g"`G][ b]]/WbhidUfh]U``Wca d`Yh]cbž`\U`Za Uf\_g"

A Uf\_]b[ `k ]```c\WV f`Xi f]b[ `YUV\ `k cf\_g\cd"

5ggYgga Ybh&; Yc`c[mEi]n

GHJfh'XUHY. '&- #\$' #&\$&%'\$\*.\$\$'DA

@Yb[h\.%\cif%)a]bg

#### 8YHJ]`g.

; Yc`c[mei]n'k]``'VY'WcgYX'Vcc\_'UbX'k]``'hYghi bXYfgHUbX]b['cZh\Y'[Yc`c[mWcadcbYbhcZh\Y'WcifgY"

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

FYYUgY'UbX'gi Va ]gg]cb'cZh\Y'ei ]n'k ]``VY'j ]U'A ccXY''A Uf\_g'UfY'YI dYWYX'hc'VY'fYhi fbYX'k ]h\]b'' kYY\_g'cZgi Va ]gg]cb''

| <br> |  |
|------|--|
|      |  |

FYgcifWYg DfYgWf]VYX`FYgcifWYg` gUa d`]b[ 'cZg]hYg'k ]h\ 'dchYbh]U``mWcbhJa ]bUhYX'gc]`'!'Bcb!j c`Uh]`Y'UbX'gYa ]!j c`Uh]`Y'Wca dci bXg

#### ]D\cbY`fUbX`ch\Yf`U`a cgh`Ug`ga Ufhid\cbYgŁ

H\YfY'UfY'bi a Yfci g'Uddg'VY]b['XYj Y`cdYX'Zcf'j Uf]ci g'ga Ufhd\cbYg"'5hh\Y'a ca Ybhž'h\YfY'UfY'cb`mU \UbXZ``XYj Y`cdYX'Zcf'[Yc`c[mh\UhUfY'ZfYY"'A UbmcZh\Y'cbYg'Zcf') •

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

D`YUgY`fYZYf`hc`h\Y`A ccX`Y`dU[Y`cZh\Y`Wci fgY`Zcf`Z fh\Yf`[i]XUbWY`cb`UggYgga Ybhigi Va]gg]cb"

### 5WUXYa ]W<cbYghmUbX D`U[ ]Uf]ga

6Yk UfY\*\*5b\*Ugg][ba Ybhih Uhi]bWi XYg\*d\*U[]Uf]gYX\*a UhYf]U\*\*k]``\*fYWY]jY\*U\*\$i \*\*U]`ž\*UbX\*ghi XYbhg\*k \c d\*U[]Uf]gY\*a UmZU]`\*h\Y\*Wci fgY\*\*Ghi XYbhg\*k \c\*d\*U[]Uf]gY\*UfY\*U\*gc\*\*]UV\*Y\*hc\*X]gW]d\*]bUfm\*UWf]cbž]bWi X]b[ YI Wi g]cb\*Zfca \*Ybfc\*a Ybh

D`U[]Uf]ga `]g`h\Y`i gY`cZUbch\Yf`dYfgcb'g`k cf\_`cf`]XYUg`Ug`]Zh\Ymk YfY`mci f`ck b"`K \Yb`]h`]g`bYWfggUfmcf XYg]fUV`Y`hc`i gY`ch\Yf`dYcd`Y'g`a UhYf]U``mci `g\ci `X`UXYei UhY`mUV\_bck `YX[Y`k \cgY`k cfXg`cf`]XYUg`h\Ym UfY`UbX`k \YfY`mci `Zci bX`h\Ya `f[]j ]b[`h\Y`Wca d`YhY`fYZYfYbWf`XYhU]`gž`]bWi X]b[`dU[Y`bi a VYffgL''`H\Y @YUfb]b[`7YbhfY`dfcj]XYg`Z fh\Yf`]bZcfa Uh]cb`cb`k \UhWcbgh]hi hYg`D`U[]Uf]ga `Uh

<u>\hdg.##ghi XYbh'i bgk "YXi "Ui #d`U[]Uf]ga</u>

# 5ddYbX]I. '9b[]bYYfg'5ighfU`]U'f95EDfcZYgg]cbU`'9b[]bYYf'7cadYhYbWm GHJbXUfX

Dfc[fUa +bhybXYX @YUfb]b[ Cihwca Yq ? bck `YX[ Y 'UbX'q\_]``'VUqY D9%"%7ca dfY\Ybq]i Yž'h\YcfmVUqYX'i bXYfqHUbX]b[ 'cZh\Y'i bXYfd]bb]b[ 'bUhi fU`'UbX  $d mg]WU^{g}UbX'hY'Yb[]bYYf]b['Z bXUa YbHU^{g}Udd^WUVY'hc'hY'Yb[]bYYf]b['X]gW[d^bYf]gW[d^bYf]b['X]gW[d^bYf]b['X]gW[d^bYf]b['X]gW[d^bYf]gW[d^bYf]b['X]gW[d^bYf]b['X]gW[d^bYf]b['Y]gW[d^bYf]b['Y]gW[d^bYf]b['X]gW[d^bYf]b['Y]gW[d^bYf]g$ D9%"& 7 cbW/dhiU`i bXYfqHUbX]b[ cZh\Y`aUh\YaUh\WažbiaYf]WU`UbU`mg]qžqHUh]qh\WažUbX Wca di hYf'UbX']bZcfa Uh]cb'gW]YbWYg'k \]W\'i bXYfd]b'h\Y'Yb[]bYYf]b['X]qW]d`]bY D9%" ===!XYdh\ i bXYfqHbX]b[ cZqdYWU`]qhVcX]YqcZ bck YX[Yk]h\]b'h\YYb[]bYYf]b[ X]qWd`]bY D9%"('8]qWFfba YbhcZ\_bck YX[YXY]Ycda YbhUbXfYqYUfWXX]fYWfcbg'k ]h.jb'h.Y Yb[]bYYf]b[`X]gWJd`]bY D9%") ? bck `YX[Y`cZYb[]bYYf]b[ `XYg][b`dfUW]WY`UbX`WcbhYl hi U``ZJW/cfg`]a dUWf]b[ `h\Y Yb[]bYYf]b['X]qWd`]bY D9%"\* 1 bXYfqHJbX]b[ 'cZhXY'qWcdYž'df]bW]d`Yqž'bcfa qž'UWVci bHJV]`]h]Yq'UbX'Vci bXq'cZ qi qHU]bUV`Y`Yb[]bYYf]b[`dfUWfWY`]b`H\Y`qdYW[Z]WX]qW[d`]bY 9b[]bYYf]b['Udd`]WUhcb'UV]`]hm D9&"%5dd`]WUhjcb`cZYgHUV`]g\YXYb[]bYYf]b[ 'a Yh\cXg`hc`Wca d`YI 'Yb[]bYYf]b[ 'dfcV`Ya qc`i]b[ D9&"&:: `i YbhUdd`]WUhcb'cZYb[]bYYf]b[ 'hYWkb]ei Ygžhcc`g'UbX'fYgci fWfg D9&"' 5dd`]WUhjcb'cZgmghYa UhjWYb[]bYYf]b['gmbh\Yg]g'UbX'XYg][b'dfcWYggYg D9&"( '5dd`]WUhjcb'cZgmghYa UhjWUddfcUWXYg'hc'h,Y'WcbXi WhUbX'a UbU[Ya YbhcZYb[]bYYf]b[ dfc ∕Y₩g DfcZYgg]cbU`UbX dYfgcbU`Uhf]Vi hYg D9' "%'9h\]WU``WcbXi WhUbX'dfcZyga]cbU``UWWci bHUV]`]m