



# SRAP5103

F YgYUfWx 'F Ydcfh

HYfa 'Hk c''##'&\$%

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

7ci fgY`Cj Yfj ]Yk

`GHUZZ7cbhUW`i8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]`]m	@cW]h]cb	D\cbY
8f`D\`]"dU`9j Ubg	d"Yj Ubg4 i bgk "YXi "Ui	6miUddc]bha Ybh VYzcfY`cf`UzYf gYa ]bUfg`cf`UhchYf bY[ ch]UH`X`h]a Yg	Fcca `(&`@Yj Y` ; žA cfj Yb 6fck b	- ' , ) ; % -

GWcc``7cbhUW`i`bZcfa Uh]cb

GWcc``cZGcW]U`GWYbWg

Fcca `%) -

7ci fgY'8YHJ`g

7fYX]hDc]bHg`\*`

Gi a a UfmicZ\hY'7ci fgY

h\]g`Vci fgYžmci`k`j`\\Uj`Y`h`Y`cddcfh`b]m]hc`i`bXYfhU`\_Y`U`d]YVW`cZX]fYVW`X`cf][`]bU`fYgYUfW`k`]h`h`Y`gi`ddcfhcZUb`UWUXYa`]WUXj`]gcf`Mci`k`j`Vca`d`YH`U`bi`a`VYf`cZ`Z`fa`Uhj`Y`hUg`gžVi`]X]b[`i`d`h`h`Y`gi`Va`]gg]cb`cZU`g]b[`Y`fYgYUfW`fYdcfhXYHJ]b[`h`Y`XYg][`bž`VcbXi`W`UbX`Z]bX]b[`g`cZmci`f`fYgYUfW`"

,`-`-`A`UghYf`cZ`8Yj`Y`cda`YbhGh`X]Ygž,`&&`A`UghYf`cZ`5fHg`fHhYfbUH]cbU`F`Y`Uh]cbgE`UbX`,`&(`,`A`UghYf`cZ`Dc`]WnGh`X]Yg`a`i`ghgYY`\_`Uddfcj`U`Z`ca`h`Y`D`fc`f`Ua`7`cbj`Ybcf`h`Y`bfc`]b`h`Y`Vci`fgY`"

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

%`8`Yg][`bž`XYj`Y`cd`UbX`fYdcfhcb`fYgYUfW`UW]j`]hYg`UbX`ei`Ygh]cbgž`g`ck`]b[`Uk`UfYbYgg`cZ`fYgYUfW`Yh`]Wg`UbX`g`Y`Y`W]b[`\_`Uddfcdf]UH`fYgYUfW`a`Y`h`c`X`g`f`Y`UH`X`h`c`h`Y`f`fYgYUfW`h`cd]Wg`/`&`7`f]h]W`m`Yb[`U[`Y`k`]h`W`fYbHgVX`c`Ufg`d`]b`h`Y`f`Z`Y`X`c`Z`gh`X`m]h`c`]b`Z`ca`fYgYUfW`UbX`Vcb]h]Vi`h`h`c`\_`bck`YX[`Y`]b`h`]g`Z`Y`X`/`UbX`'`"8`Ya`cbg]fUH`fYgci`fWZ`b`Yggž`WYUHj`]m]UbX`ZYI`]V]`]m]b`h`Y`Udd`]W]h]cb`cZ`\_`bck`YX[`Y`UbX`g`\_]`g`h`c`gc`j`Y`d`fc`V`Ya`g`f`Y`UH`X`h`c`fYgYUfW`"

HYUW]b[`G`h`fUH[`]Yg`

H\]g`Vci`fgY`]g`XYg][`bYX`h`c`Z]W]`]hY`X]fYVW`X`fYgYUfW`i`g]b[`c`b`]bY`fYgci`fW`g`UbX`]bX]j`]Xi`U`#`fci`d`gi`dYfj`]g]cb`"G`h`XYbHg`k`j`VY`YbVci`fU[`YX`h`c`XYg][`b`U`XYg`!`VUgYX`d`fc`Y`W`h`U`h`W]b`VY`i`bXYfhU`\_`Yb`k`]h`]b`U`g`c`fh]ja`Y`Z`Ua`Y`ž`h`c`Udd`mi`h`Y`VcbW`dHg`X]gW`ggYX`]b`G`F`5`D)`%`\$`%`F`YgYUfW`A`Y`h`c`X`g`"H`Y`Vci`fgY`gh`f`i`W`i`f`Y`]b`W`i`XYg`XYX]W]hY`X`k`f]h]b[`h`ja`Y`h`c`Y`bgi`fY`gh`XYbHg`Vca`d`Y`h`h`Y`f`fYgYUfW`d`fc`Y`W`g`k`]h`]b`gh`UH`X`h`ja`Y`Z`Ua`Y`g`"

# 5ggYgga Ybh

7ci fgY XYg][ b'UbX''YUfb]b[ 'UWlj ]hYg'

H\]g'Wci fgY'\Ug'VYYb'XYg][ bYX'hc'ZUW']HJH'X]fYVW'X'fYgYUfW'"F Ygci fW'g'k ]''VY'Uj U]'UV'Y'cb']bY'UbX  
[ fci d'UbX#cf']bX]j ]Xi U'gi dYfj ]g]cb'k ]''H\_U'Y'd'UW'']b'U'ZUW'hc'ZUW'Ybj ]fcb'Ybh'Gh XYbhg'WUbi' bXYfH\_U  
[ fci d'k cf'\_UbX'dYYf'fYj ]Yk 'h'fci [ \ci h'hY'Wci fgYz'ck Yj Yfz'hY'Z]bU'YggUmcf'fYgYUfW' 'dfc'YWhk ]''VY  
Ub']bX]j ]Xi U'd]YVW'cZk cf\_'Gh XYbhg'WcbXi VhU'd]YVW'cZXYg'!VUgYX'fYgYUfW' 'cb'U'hd]WcZ'hY]f  
W\ccg]b[ "'H\Y'Wci fgY' [ ]j Yg'hY'gh XYbhg'hY'cddcfh b]mhc'WcbXi Vh'fYgYUfW'']b'Ub'UfYU'cZ]b'h'fYghk ]h]b


Uj U]UV`Y`hc`ghi`XYbhtg`Uhh`Y`ghUfhcZ`h`Y`gYa`Yghf`gc`h`Uhh`YmW`b`k`cf`\_`hc`gdYW`ZYX`ghU`bXU`fXg`"

Hi`fb]`h]b`gY`h]b[`.`H\]g`Ugg][`ba`Ybh]g`gi`Va`]hY`X`h`fci`[\`Hi`fb]`h]b`U`bX`gh`XYbhtg`W`b`g`YY`Hi`fb]`h]b`g]a`]`Uf]`m`fY`d`c`f`g`"

5ggYgga`Ybh&`.`:]bU`F`Ydcfh

GhUfhXU`hY`.`

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

8Y`hU]`g`.`Gh`XYbhtg`gi`Va`]hU`b`]bX]j`]Xi`U`fY`gYU`fW`fY`d`c`f`h`c`Z`(\$\$\$`k`cfXg`cb`h`Y`XY`g`!`V`U`g`Y`X`fY`gYU`fW`h`Y`m`W`c`b`X`i`W`Y`X`"K`f]`hY`b`Z`Y`X`V`U`W`\_`U`b`X`U`b`i`a`Y`f]`W`^`[`f`U`X`Y`k`j`^`V`Y`[`]j`Y`b`h`c`g`h`i`X`Y`b`h`g`k`]`h]b`&`k`Y`Y`\_`g`c`Z`X`Y`]j`Y`f`m`A`U`f`\_]b[`^`W`]`hY`f]U`k`j`^`V`Y`a`U`X`Y`U`j`U]UV`Y`hc`ghi`XYbhtg`Uhh`Y`ghUfhcZ`h`Y`gYa`Yghf`gc`h`Uhh`YmW`b`k`cf`\_`hc`gdYW`ZYX`ghU`bXU`fXg`" `H\]g`]g`h`Y`Z`bU`U`ggY`gga`Y`bh`Z`c`f`U`hY`b`X`U`b`W`^`d`i`f`d`c`g`Y`g`"

Hi`fb]`h]b`gY`h]b[`.`H\]g`Ugg][`ba`Ybh]g`gi`Va`]hY`X`h`fci`[\`Hi`fb]`h]b`U`bX`gh`XYbhtg`W`b`g`YY`Hi`fb]`h]b`g]a`]`Uf]`m`fY`d`c`f`g`"





		dfYgYbh]b[ 'mci f'fYgYUfW' '6cc_YX'hja Yg'k ]h Wci fgY'Wc'cfX]bUhc'f"
K YY_-.'&- 'i'm!'& 5i [i gh	GYa ]bUf	@]b_]b[ 'i d'!]bhYfd'fYh]b[ 'mci f'Z]bX]b[ g  F Yj ]Yk ]b[ '\ck 'mci f'Z]bX]b[ g`]b_'hc'h'Yc'fmUbX fY'UH'X'`]h'fUhi fY"  A U_]b[ 'U'gh'fcb[ 'Uf[ i a Yb'3 '<cb]b[ ']'b'cb'k \Uh a U'h'f'g"  8 cYg'mci f'Yj ]XYbVW'gi ddc'f'h'mci f'Uf[ i a Yb'3
K YY_%. ) '5i [i gh! '- 5i [i gh	GYa ]bUf	⇒XYbh]Z]b[ 'h'Y'ja d']W]h]cbg'cZ'mci f'fYgYUfW dfc 'YW  K \m'Xc'mci f'Z]bX]b[ g'a U'h'f'3  K \Uh'UfY'h'Y'ja d']W]h]cbg'cZ'mci f'fYgYUfW '!Z'cf dc`]m'UbX'#'f'dfUW]W'z'UXj c'W]V'm'UbX'Z' f'h'Y'f fYgYUfW'3  .
K YY_%% '%&'5i [i gh! '%* 5i [i gh	<ca Yk cf_	⇒XYdYbXYbh'fYgYUfW 'UbX'#'f']bX]j ]Xi U' gi dYfj ]g]cb  Gh XYbh]k cf_'hc'k UfXg'gi Va ]h]b[ 'Z]bU'fYgYUfW fYdc'f'i'  6cc_YX'hja Yg'k ]h 'Wci fgY'Wc'bj Ybc'f"  KagdX` S^UZS` UWfa _ WWf S` V V[eUgee kagdbca'WUf TWadWegT_ [ee[a` z  .



# F Ygci fWg

## DfYgWf]VYX F Ygci fWg

Mci 'k ]''VYbYZhZca 'VYWca ]b[ 'ZJa ]]Uf'k ]h ; cc[ 'Y'GWc'Uf'f'hd.#gWc'Uf"[ cc[ 'Y"Wca E'Ug'U'\_YmgYUfW  
Yb[ ]bY'Zcf'UWXYa ]Wdi V]WU]cbg'UbX'fYdcfng" Mci 'WUb'gYhi d'hY'dfYZfYbWg'hc'' ]b\_'hc'hY'I B.GK  
@]VfUfmYj Yb'k \Yb'mci 'UfY'bchcb'WJa di g"

; c'hc'; cc[ 'Y'GWc'Uf2gYh]b[ g2']VfUfm'']b\_gz'UbX'Yb'h'f'f'i b]j Yfg]hmcZBYk 'Gci h'k U'Ygf]b'hY'Vcl 'Zcf'hY  
"@]VfUfm"

Mci 'WUb'g][ b'i d'Zcf'HUV'Y'cZ7 cb'h'bhg'fHC 7 E'5'Yfhg'Zca 'hY'\ca YdU[ Yg'cZfY'Yj Ubh'ei fbU'gzh'fYW]j Y  
Ub'Ya U]'k \YbYj Yf'bYk 'Ufh]WYg'UfY'di V]g\YX'']b'h'U'h'ei fbU'">ci fbU'k YVg]h'g'k ]''cZb'WUffm  
]bZ'fa Uh]cb'cb'hY'a cghj ]Yk YX'UbX'a cghW]hX'Ufh]WYg/hYgY'UfY''\_Y'mhc'VY' ]b'h'fYgh]b[ 'UbX'cZb  
]bZi Ybh]U'Wcb'h]Vi h'cbg"; cc[ 'Y'GWc'Uf'k ]''U'gc'dc]bh'ci 'hc'Ufh]WYg'h'U'h'Uj Y'W]hX'U'dUfh]W'Uf'Ufh]WY  
UbX'\YbW'VY'fY'U'hX'hc'hY'hc]W''''''''

## F YWca a YbXYX F Ygci fWg

6Y'WYfzK "'f&\$\$- E'l dff[ Y kagd'agd S^Sdf[UW[ '\$ i WW] ež@cg'5b[ 'Yg.'G5; 9"

<U'žF "'f&\$\$, E'3bb'W E aU[S^D WWSdJZi GmXbYm'A UWA ]'Ub''''

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

Gh XYbhYj U'i Uh] Y'ZYXVUW\_]g[ U'hYfYX'dYf]cX]W]'mi g]b[ ž'Ua cb[ 'chYf'a YUbgžI B.GK f]a m9I dYf]YbW  
dfcW'gg"' bZ'fa U'ZYXVUW\_]UbX'WUgg![ YbYfU'hX'ZYXVUW\_]UfY'U'gc']a dcf]Ub'h'Gh XYbhZYXVUW\_]g'hU\_Yb  
gYf]ci g'mUbX'Wcb'h]bi U'ja dfcj Ya Ybhg'UfY'a UX'hc'hY'Wci fgY'VUgYX' ]b'dUfh]cb'gi W'ZYXVUW\_]  
G][ b]Z]WbhW]Ub[ Yg'hc'hY'Wci fgY'k ]''VY'Wca a i b]W]hX'hc'gi VgYei YbhW'c'fng'cZgh XYbh'U\_]b[ 'hY  
Wci fgY''''''''



# 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`hU`Y'a Ubm Zcfa gZ`Zca`XY]VYfUHY`WXUhf]b[ 'hc`UWV]XYbhU`mWcdm]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.

7cdm]b[ .`i g]b[ 'hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][ ]bU`hY`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`Ufh`UbX`XYg][ ]b`dfc`YWgZ`Ug`k`Y`U`g`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dfYgYbhg`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci hWYX]h'

#Uddfcdf]UHY`dUfUd`fUg]b[ .`7`U`b[ ]b[ `U`Zk`k`cfXg`UbX`d`fUgYg`k`Y`a`cghm`fYh]b]b[ 'hY`cf][ ]bU`g`fi`W`fY`UbX`#`f`dfc`[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`Z`UbX`]bZcfa`U]cb`k`]h`ci hUW\_bck`YX[ Ya`Ybh`H\]g`U`gc`Udd`Yg`]b`dfYgYbhU]cbg`k`Y`fY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k`]h`ci hWYX]h`UbX`hc`d]Y]W]b[ `hc[ Y`hY`f`ei`chYg`UbX`d`UfUd`fUgYg`]bhc`U`bYk`k`Y`c`Z`k`]h`ci hUddfcdf]UHY`fYZYfYbW]b[ "

7c`i`g]cb.`k`cf\_]b[ `k`]h`chYfg`Vi`hdUgg]b[ `cZ`hY`k`cf\_]Ug`U`dYfgcb`g`]bX]j`]Xi`U`k`cf\_]`7c`i`g]cb`U`gc`]bW`i`XYg`dfcj`X]b[ `mci`f`k`cf\_]`hc`UbchYf`gh`XYbhVYZc`fY`hY`Xi`Y`XUHY`Zc`f`Zc`f`hY`di`fdcgY`cZ`hY`a`d`U[ ]Uf]g]b[ `Uh`Ubm]h`a`Y`Z`dUm]b[ `UbchYf`dYfgcb`hc`dYfZc`fa`Ub`UWUXYa`]W]Ug`\_`Z`gh`U`]b[ `cf`UW`ei`]f]b[ `UbchYf`dYfgcb`g`UWUXYa`]Wk`cf\_]`UbX`W`cdm]b[ `]h`c`Z`Y`f]b[ `hc`W`ca`d`Y`h`UbchYf`dYfgcb`g`k`cf\_]`cf`g`Y`Y\_]b[ `dU`ma`Y`bh`Zc`f`W`ca`d`Y`h]b[ `UWUXYa`]Wk`cf\_]`"

#Uddfcdf]UHY`W]hU]cb.`7`]h]b[ `gci`fW`g`k`Y`W`U`j`Y`bchVYYb`fYUXZ`k`]h`ci hUW\_bck`YX[ ]b[ `hY`"gYW`cbXUfm`gci`fW`Zc`a`k`Y`W`\_`bck`YX[ Y`cZ`hY`a`U`g`VYYb`cVh]bYX"

8i`d`]WU]cb`f`fY`Z`d`U[ ]Uf]ga`"L`gi`Va`]h]b[ `mci`f`ck`b`k`cf\_]`b`k`Y`c`f]b`d`Uf`f`Z`k`Y`fY`]h`U`g`d`fY`]ci`g`m`VYYb`dfY`dUfYX`cf`gi`Va`]hYX`Zc`f`UbchYf`UggYgga`Ybhcf`W`ci`fgY`U`hI`BGK`cf`UbchYf`i`b]j`Yfg]m'

7c`fY`W`fYZYfYbW]b[ `d`fUW]W]g.

- DUfUd`fUg]b[ `Z`gi`a`a`Uf]g]b[ `Z`YggUm`k`f]h]b[ `UbX`h`a`Y`a`UbU[ Ya`Ybh
- 5ddfcdf]UHY`i`gY`cZ`UbX`U`hf]Vi`h]cb`Zc`f`U`fU`b[ Y`cZ`a`U`hY]U`g`]bW`i`X]b[ `hY`i`h`Z`]a`U[ YgZ`Zc`fa`i`UY`UbX`W`cb`W`drg"

#X]j`]Xi`U`U`gg]gh`UbW`]g`Uj`U]UV`Y`cb`fY`ei`Y`gh`Zc`a`H`Y`@YUf]b[ `7`Y`bhY`f`h`hd`##`k`k`"Wi`bgk`"YXi`"Ui`#"G`h`XYbhg`UfY`U`gc`fYa`]bXYX`h`Uh`W`fYZ`i`h`a`Y`a`UbU[ Ya`Ybh]g`Ub`]a`dc`fU`bh`d`U`f`h`c`Z`gh`Xm`UbX`cbY`cZ`hY`a`]XYbh]Z`YX`W`li`gY`g`cZ`d`U[ ]Uf]ga`]g`d`cc`f`h`a`Y`a`UbU[ Ya`Ybh`G`h`XYbhg`g`l`ci`X`U`ck`g`i`Z`W]Y`bh]h`a`Y`Zc`f`Y`g`U`f`W`Z`X`fU`Z]b[ `UbX`d`f`c`d`Y`f`fYZYfYbW]b[ `cZ`gci`fW`g`]b`d`fY`dUf]b[ `U`U`ggYgga`Ybh]h`a`g"

I BGK`@]VfUfmU`gc`U`g`hY`9@G9`hc`U`j`U]UV`Y`hc`U`gg]gh`mci`k`]h`mci`f`gh`XmU`hI`BGK`"9@G9`]g`XYg][ bYX`hc`]b`f`c`Xi`W`bYk`g`h`XYbhg`hc`g`h`Xn]b[ `U`hI`BGK`Vi`h]h`W`b`U`gc`VY`U`[ fYU`h`fY`Z`Y`g`Y`f`Xi`f]b[ `mci`f`gh`Xn'

7ca`d`Y`h]b[ `hY`9@G9`h`hc`f]U`UbX`ei`]n`k`]Y`bUV`Y`mci`hc.

- UbU`mgY`hc`d]WgZ`d`Ub`fYg`d`cbgYg`UbX`cf[ Ub]gY`fYgYU`fW`Zc`f`UWUXYa`]Wk`f]h]b[ `UbX`chYf`UggYgga`Ybh]Ug\_g
- YZYW]j`Y`m`UbX`Y`Z`W]Y`bh`m`Z`bX`Uddfcdf]UHY`]bZcfa`U]cb`gci`fW`g`UbX`Yj`U`i`U`hY`fY`Yj`UbW`hc`mci`f`bY`Y`Xg
- i`gY`UbX`a`UbU[ Y`]bZcfa`U]cb`YZYW]j`Y`m`hc`UW`W`ca`d`]g`U`gdY`W]Z`W`di`fdcgY



5 WUXYa ]WbZcfa Uh]cb`

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

- fYei Ygh]Zc`fYI h`bg]cb/
- `Uh]`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZY`mdc`]WYg/

