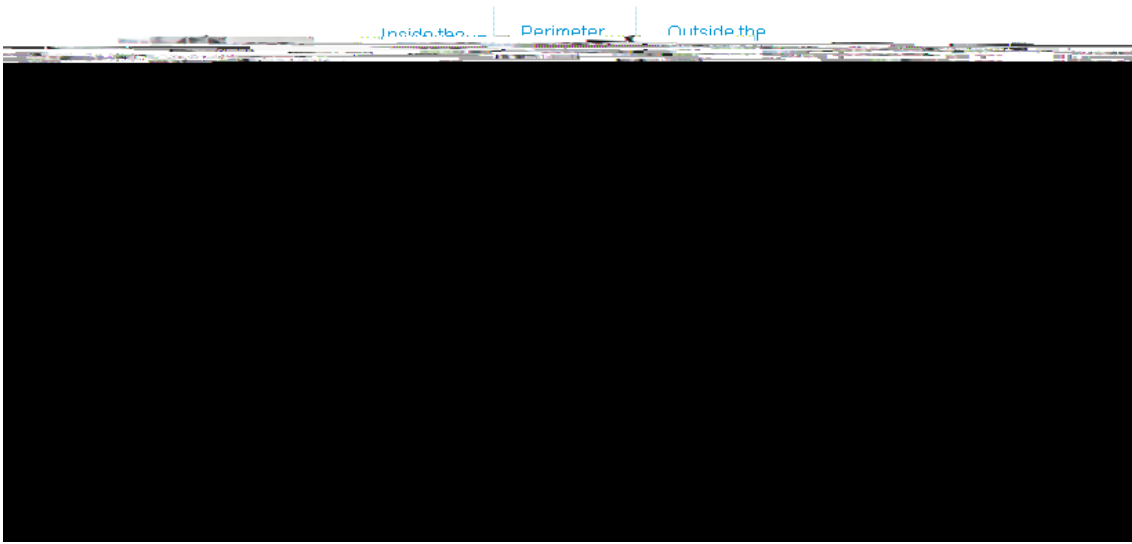


7lg





J 7 G'6UgY'5dd`]W]h]cbg

HAY'J 7 G' ]g' Uj' U] UV'Y' k' ]h' U'HyfbU]h]j' Y' VUgY' Udd`]W]h]cbg' Ug' XYgW] ]VYX' VY'ck "

J 7 G'7 cb]fc`

J 7 G'7 cb]fc` XY` ]j' Yfg' Ubn] ]c! Ubn]

s %\$\$\$'gi VncbYg'UbX'gi ddcf]b[ 'i d'hc" \$\$\$'a Ya VYfg\]d'fi `Yg  
s : `YI ]V`Y'ncbY WcbZ[ i fU]cb'k ]h' d'fYZ] žigi Z]l 'UbX'fY[ YI 'gi ddcf]h  
s 7 Ub`Z bW]cb'Ug'U'gh'UbXU'cbY'J 7 G'cf'VY'bY][ \VcfYX'k ]h'`ch'Yf'gng]h'Ya'g'gi W'X'Ug'ch'Yf'J 7 Ggž[ UH'YYdYfg'UbX'  
G-D' d'fcl ]Yg  
s 7 Ub'VY'W'gh'fYX'k ]h'`i d'hc`\* 'J 7 Gg'hc'`d'f'c] ]XY bZ%'fYXi bXUbW]h'UbX'i d'hc`(' 'l' ]bX]j ]Xi U' W]dUW]m'  
s `hY`][ YbhF'ci hY'8]fYW'c'f'Z'c'f'g]b[ `Y'bi a VYf'X]U]b[ 'UbX'bY'h'c'f\_'Z] ]cj Yf'Z]W] ]h'Yg  
s Cdh]cbU`YbXdc]bhUi h'Ybh]W]h]cb'f]bWi X]b[ '58'Ui h'Ybh]W]h]cb'Z'c'f'>

8Yj ]W Dfcj ]g]cb]b[

H\Y`8Yj ]W Dfcj ]g]cb]b[ `cdh]cb`\_YmU`ck g:J 7 G`tc`dfcj ]g]cb`

79:GYf]Yg'5dd']UbWg

H\Y'J 7 G ]g'Uj U]'UV'Y'Ug'U'XYX]WUHYX 7 9:GYf]Yg'Udd']UbW





I g]b[ hYK YV'



K YV'DU[ Y: YUhi fYg'UbX '@Jnci h

H\]g'gYW]cb XYgW]VYg'hY Z'Uhi fYg'hUhW]b VY'Zci bX'cb'hY'J 7G

DU[ Y`  
Y`Ya Ybh

s

8YgW]dh]cb

: ]Y`X`Yj Y`  
]bZcfa Uh]cb`





: cfYl Ua d`YzWcbg]XYfU`Wi ghYfcZZci f`Uf[Y`J`A`g`-Znci `gYhA UI ]a i a `F8D`fUbgWcXY`gYgg]cbg`lc`&\$ZhYb`hY`  
Wi ghYfk ci `X`dfcj ]XY`i`d`



BYhk cf\_



YbXdc]bh'5ZnYf'hY`YbXdc]bh\Ug`





7 UVX]b[





: ]Y`X

8YgW]dhjcb

I gU[ Y h]dg

GHUfhUbX`  
YbX`dcfh

H\Y`dcfhfUb[ Y`h`k` \]W\`h\Y`  
fi`Y`Udd`]Yg"

~~QD~~d`]YYYW

9bUV]b[ '5i hca UHYX'



ś " 7cbZ[ i fY 'hY VUHY [ cfmUg'fYei ]fYX.

s GHY



: jY`X

8YgW]dhcb

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

<HHD`Ghf]Wh  
HfUbgdcfh  
GYW f]lmi  
fk GHGŁ

8YHfa ]bYg`k \YhYf`k YV`Vfck gYfg`UFY`  
]bgfhi W`hX`hc`cb`m

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

7 Yfh]Z]WUhr`  
fYj cWU]hcb` ]gh  
fV F @  
VX YW\_]b[

GdYW]Z]Yg`k \Yh`Yf`<HHDG`W]Ybh  
VW]fh]Z]WU]Yg`UFY`VX`YW`YX`U[ U]bgh  
VW]fh]Z]WU]Y fYj cWU]hcb` ]gh`fV F @g`

BcbY. `bc`7 F@VX`YW\_]b[ `]g`dYfZcfa`YX`

DYYf. `cb`m

J7G



7cbZ[ i f]b[ 'hY'BHD'GYfj Yfg

Hc'



: ]Y`X

8YgW]dHcb

9j Ybh

G\ck g'hY`UghYj YbhUg:XYHfa ]bYX`VmBHD`fZcf`YI Ua d`Y`fYUWX UV`Ycf`



: ]Y`X

8YgWf]dh]cb

I gU[ Y`h]dg

GYfj Yf`UXXfYgg

H\Y`D`UXXfYgg`cf: i`mE i U]Z]YX`  
8ca U]b`BUa 1

E BW1

f

g

g

: ]Y`X

8YgW]d]cb

I gU[ Y`h]dg

Dc``]b[ `]bhYfj U`

H\Y`ZFYei YbWmik ]h k \]Wk`h\Y`J`7G`  
WXYW\_g`h\Y`7]gWc

7 jgWt HY`YDFYgYbWV J jXYc 7 ca a i b]WUjcb GYfj Yf

: ]fYk U`H`







s ɔ'a cghWJgž'nci







H\Y`WU``g][ bU]b[ 'dcfrg`UfY`WcbZ][ i fYX`j`]U`7`cbZ][ i fU]cb`2`HfUj`YfgU`2`Dcfrg`"H\Y`hfUj`YfgU`a`YX]U`dcfrhU]b[ Y`]g`  
WcbZ][ i fYX`j`]U`7`cbZ][ i fU]cb`

: ]fYk U`HfUj YfgU`UbX`5i h.Ybh]W]cb

H\Y`J 7 G`9l dfYggk UmU`ck g`cb`mUi h.Yb]W]YX W]Ybh

: JY`X

8YgW]dh]cb

<" &'`  
dfYZfYbVW

8YHfa ]bYg:k \]W\`dfcfcWc`H\Y`J 7 G`9l dfYggk Umi gYg ]ZUb`YbXdc]bhgi ddcftg`Vch`5ggYbhUbX`  
<"(\*\$"% "

I 8D`dfcVY`  
fYHm]bhYfj U`

H\Y`ZYei YbWmf]b`gYWcbXgk`k ]H`

s ]hg`di V`]Wht UWWgg]V`Y`UXXfYgg`cb`h`Y`B5H`XYj ]W

s U`fY`Um









I b]ZYX'7 ca a i b]WU]cbg

H\,g'gYW]cb XYgW]VYg'

s&" 4bgtU``cb`Vch`J 7 Gg`h`Y`hfi`ghYX`7`YfhZ`WdhY

s " 7cbZ[i fY'hY'Z'Y'Xg'Ug'Z'ck g'fYUj Y'U'chYf'Z'Y'Xg'

hca WUhgY`Z g][ bYX`Wfmg`Uj Y`hY`gUa Y`7 B s]b`hY`J 7 Gfj`lfi ghYX`7 5s]ghZ`hYb`]hWUbb`cb`mifl ghcbY`cZ`hYa "H\]g'a YUbg`  
hUhY]hYf`gYVW`fY`<HHDscf`gYVW`fY`

s A`UbX`DfYgYbWw`WUhbcXY`U]UgYg`fZYXYfUHfX`[ fci d`WUhl`h`Y`7`UhBcXY`5`]UgYg`fY`["`  
WUhfcca`%`YI`Ua`d`Y`"Wca`E`h`UhUfY`WcbZ`[ i`fYX`cb`h`Y`A`UbX`DfYgYbWw`gYfj`Yfg`"H`YgY`UfY`fYei`]fYX`cb`m`zc`f`  
l`b]ZYX`7`ca`a`i`b]WUhc`bg`LA`DD`ZYXYfUhc`b`XYd`cna`Ybhg`h`Uh]bh`bX`hc`gi`ddcfh`[ fci d`WUhcj`Yf`H@G`



: ] [ i fY ( 'ss9bHf) b [ 'gi V YWU'YfbUj Y 'bUa Yg Zcf'1 b] YX '7 A sY [ ]grfUjcb Xca U]bgžLA DDsZYXyfUjcb`  
Xca U]bgžUbX WUhbCXY'U]UgYgž

BchY h.Uhh.JfX! dUfmG-D`cf<"" &` XYj JWg`



s " : cf

5XX' hY' XYHJ]g'cZUb' # dJbX' DfYgYbW'

s&" 5XX'hY'XYHJ]g'cZU' b]ZYX'7A 'di V'jg\Yf'bcXY.  
sJ" 7`]W`

ś " F YdYUhñY`X]gWcj YfmdfcWXi fy Zcf'ch\Yf'7 ]gWc`l b]lm7 cbbYW]cb bcXYg#Wf ghYfgž]ZfYei ]fYX"  
ś " 7`]W\_FYZfYg\`gYfj Yfg`hc`fYZfYg\`

BcHY. ǂ'cfXYfZcf'ħY'5: H'ZYUhi fY'hc'k cf\_UWfcgg'J 7G'nci 'a i ghYbgi fY'ħUhU''i b]Z]YX'7A 'A 'UbX'DfYgYbW'GYfj ]W' bcXYgžUWfcgg'U''i b]Z]YX'7A 'A 'UbX'DfYgYbW'GYfj ]W' Wi ghYfgž\Uj Y'VYYb UXXYX'hc'ħY'k \]h'']ghY]ħYf'a Ubi U'mcf' Ui'ħca Uh]WU''m'

Hc'WcbZ][ i fY'ħY'gYhcZUXXfYggYg'hc'k \]W' '<HHD'UW'W'gg'k ]''VY'U'ck YX.

s% Cb'J 7G'7 cblfc'ž[ c'hc'7 cbZ][ i fUh]cb'2'1 b]Z]YX'7 ca a i b]WUh]cbg'2'7 cbZ][ i fUh]cb''

s& " 7 ]W' <HHD'gYfj Yf'U'ck '']gh''

s " 7 cbZ][ i fY'ħY'\cgfbUa XXfYg? X



I g]b[ '8Yd`cna Ybh]t`DUfh]cb1 b]YX 7 ca a i b]Wh]cbg'GYfj ]W'g

5xYd`cna Ybh]g'Ub UVghUWhVci bXUfmi gYX't`YbWcgY U'Xca U]b'UbX'cbY'cf'a cfY



HVYJ 7G 9I dFYggk Umifi ghg'hY'xDž'

s G5A @&"\$ ]g'bchVca dUqV'Y k ]h 'G5A @%%UbX'mci 'a i ghigY`YWh'Ub :xD'h Uhi gYg'h\Y'G5A @&"\$'gUbxUfX"  
s G5A @! VUgYX ]XYbh]ma UbU[ Ya Ybh]g]a d'Ya YbhYX ]b XZ]fYbhk Ung

ξ " GYhHΛY 8][ Yghhc HΛY fYei ]fYX'G<5 \Ug\ 'U'[ cf]HΛa "

HΛY J 7 G i gYg'HΛ]g'X][ YghZcf'g][ b]b[ 'G5A @Ui HΛYbh]W]h]cb fYei Yghg'Zcf'W]Ybhg'hc 'dfYgYbhhc HΛY'ΞD"

7cbZ[ i f]b[ '8Dg

H\]g'hc d]Ww'j Yfg'Ubm\_bck b'UXX]h'cbU' W'cbZ[ i fU]h'cbg'h'UhUfY'fYei ]fYX'k \Yb'i g]b[ 'U'dUf]W'Uf'8D'zcf'GGC'zj Yf'

s H\Y'XYZUj `h ]g `rc 7\YW\_ Zcf ]bHrfbU` GGCsJj U]`UV]m

J 7 G'9l dFYggk UmidUggYg\Y `fYei Yghrtd\Y `J 7 G'7 cblfc`" H\Y'J 7 G'7 cblfc`i gYg'U fci bX! fcV]b'U[ cf]h\ a

i gYc

Ci H/ci bX Zfca 'J 7 G'9l dfYggk UmfBA NE'rc'



dU]f'fY]h\Yf'&++\* /`

s J7G'

s 5 J 7 G 7 cbf c` fWi ghY fE UbX J 7 G 9I dfYggk UmifWi ghY fE \Uj Y VYYb` WcbZ[ i fYX` Zcf A cV] Y UbX FYa chY` 5WWWgg` fc`  
I b]ZYX` Z ca a i b]WUjcbg` gYfj ]W` gZ

gYHb[ g'cb'h.]g'dU[ Y'k ]' bchfYei ]fY U'fYgHff'

s " 7cbZ[ i fY hY fYa U]b[ 'Z]Y`Xg'Ug'Zc`ck g.

I gY'ghU]W fci hYg      X]WU]g'k \Yh.Yf'U'Wc.bfc`YX`]ghcZg]U]Wfci hYg'UFY'i gYX'rc`cWU]h' h.Y'ZYXYfU]hX'LA DD'  
Xca U]bg'UbX'W.UhbcXY'U']UgYg'fU]h.Yf'h.Ub'8BG`cc\_i dg"GYY'7cbZ[ i f]b[ 'ck 'LA DD'GYfj Yfg'  
Zcf: YXYfU]hX'8ca U]bg'UbX'7\UhBcXY'5']UgYg'5fY '@cWU]hXz



S

BchY'hUhU''LA DD'ZYXYfUHYX'dUffbYfg'a i ghdi V'jg\ ]b'8BG'h.Y

§ " Hc'a UbU[ Y'hY'Xca U]bg'UbX'WUhbCXY'U']UgYg']b'hY'U'ck'cf'XYbm']gř'W]V\_Y]hYf': YXYfU]cb'U'ck'



Dcfhi gU[ Y Zcf

Hfci V'Yg\cch]b[ '9I hf'fbU`LA DD': YXYfUH]cb

~~LA]g'gYW]cb XYgW]VYg\ck`hc`hfci V'Yg\cch]nci f'YI hf'fbU`LA DD'ZYXYfUH]cb XYd`cna YbhUbX`XYgW]VYg`h.Y`]a dUW]icZ  
a U\_]b[ `VcbZ]i fUH]cb WXUb[ Yg'cb U`]]j Y'gnghYa "~~

7\YW\_]b[ `h.Y`6Ug]WGHUh g'cZM]ci f'Gmg]hYa

Znci `YbW]ci bh'f`]ggi Yg'k`]h`h.Y LA DD'ZYXYfUH]cb ghUh g'gYfj ]WZ]nci `g\ci `X`ZfghWXYW\_`h.Y

s =ZFYeI JfY`WjYbh g]XY`gYW f]mWf]Z]WUhg`jg`YbUV`YXz`Ybgi`fY`h.Uhh.Y`gyfj`Yf`

I b]Z]YX '7ca a i b]WUj]cbg'a cXY

GYH]b[ 'h.Y'I b]Z]YX '7ca a i b]WUj]cbg'a cXY'hc'CZZcf'hc '>UVVYF; i YghgYfj ]W'g 'k ]''g'hd'h.Y

7`YbhFYWcbYWcb Hja Yg'5Zhf@cgg:cZGYfj JW

HY









FY[ ]ghUjcbFYZYg\

H\Y<" & 'Hja Y h"j] Y'gYHjb[ 'Wcbfc`g'hY ZYei YbWmcZ<" & 'YbXdc]bhfY[ ]ghUjcb`

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

: E 8B

YbXdc]bH'

H\Y'J 7 Gfj VY\Uj ]cf'Ug'U'G-Ð'dfcl mgYfj Yf']g'XYH'fa ]bYX'Vm

s h.Y'G-Ð'fY[ ]g'fU'h]cb'dfcl ma cXY'gY'h]b[

s h.Y'dfYgYbW'cZF ci h'GYh

## 7 cbZ[ i f]b[ 'G-Đ

H\Y'G-Đ'dU[ Y'f7 cbZ[ i fU]cb'2'DfchcWc'g'2'G-Đk]g'i gYX'hc'WcbZ[ i fY'HY'G-Đ'gYH]b[ g'cb'h\Y'J 7 Gž]bW' X]b[ .

s G-Đ ž bW]cbU']mUbX'G-Đ! gdYV]Z]WfUbgdcfha cXYg

7 YfhZWHY FYj cWWhcb 7 \YW\_l b[ 'A cXYg

H\ ]g'gYWWhcb Wcbfc`g`hY`

: JYX

: ]Y`X

8YgW]dh]cb

I gU[ Y







9bUV`]b[ 'G-D`YbXdc]bng`

F Y [ ]ghfUhc b '7 cbhfc`

H\]g`Wfc`

9bXdc]btrg'h.UhUfY' bch'fUj YfgU! YbUV`YX`Wb'gh`'fY[ ]gh'f'k ]h`U'J 7 G`9l dfYggk Unž`Vi h'h Ymia Umbch`VY`UV`Y





: ]Y`X

8YgWf]dh]cb

I gU[ Y`h]dg

DUHfYfb`  
hndY

H`Y`k`Um]b`k` \]W`H`Y`DUHfYfb`  
ghf]b[ `a`i`gha`UH`W`H`Y`U`]Ug`  
Cdh]cbg`UfY.

9I`UH`H`H`Y`U`]Ug`a`i`gha`UH`W`H`Y`  
dUHfYfb`ghf]b[ `YI`UH`h`n`f`

DfY`Z]I` .`H`Y`U`]Ug`a`i`gh`VY[ ]b`



7 cbZ[ i f]b[ 'FY[ ]ghfUh]cb'Dc`]Wnhc`l gY`Ub`9I hYfbU`GYfj ]W

Hc`WcbZ[ i fY`FY[ ]ghfUh]cb'Dc`]Wnhc`fYZf`U`fY[ ]ghfUh]cb`fYghf]W]cb'dc`]WnXYW]g]cbg`ci hrc`Ub`YI hYfbU`gYfj ]W.

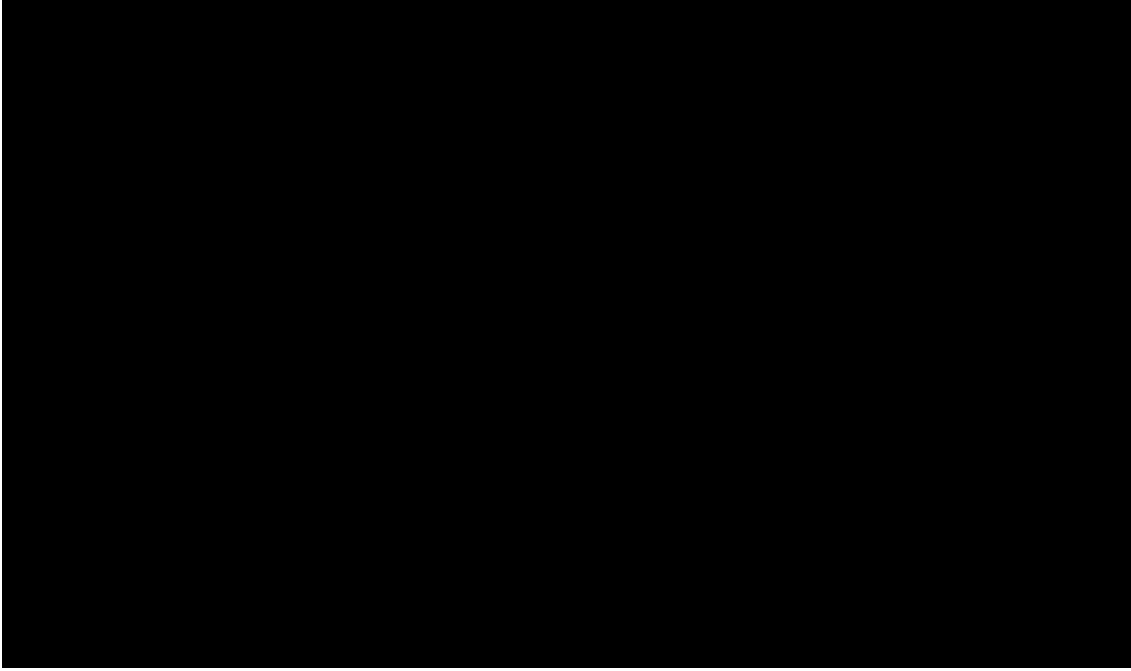
§6 ;





8Yj ]MY '5i h\Ybh]WU]cb

h\jg'



7ca a i a i b]W h]X 7ca a i b]W h]cbg

Gi VncbY! `Yj Y`Ui h.Ybh]WU]cb'dc`]Wn

5i h.Ybh]WU]cb'dc`]Wn]g VcbZ][ i fUV`Y`Zcf`h.Y`8YZU] `hGi VncbY`UbX`Ubmch.Yf`VcbZ][ i fYX`gi VncbY"

Hc`VcbZ][ i fY`U`gi VncbY]5i h.Ybh]WU]cb'dc`]Wn]`[ c`hc`7`cbZ][ i fU]cb`2`@cWU`NcbY`2`Gi VncbYgž`h.Yb`W]W`\_`J`]Yk`#9X]h`cf

s =Z7D@]g'Yei ]fYX'rc ``cc\_'Uhf\Y'i bUi h\Ybh]WJHYX'

Dc`]Vth

7\YW`  
WfYXYbh]U'g

Hfi gh

CZ

⊖`cWU`Xca U]b

A YggU[ Yg'UFY VWU`Yb[ YX'Zc'f`  
Ui h'Ybh]WU]cb"

A YggU[ Yg'h'UhiZJ]'Ui h'Ybh]WU]cb'UFY`  
fY'YWfYX"

A YggU[ Yg'h'UhidUgg`

Ci hg]XY`cWU`Xca U]b



Dc`jWm

Hfi gh 𐄂`cWU`Xca U]b

Ci hg]XY`cWU`Xca U]b

s

Cb A YggU[ Yg`UfY`bchWU`Yb[ YX`Zcf

G-ᐃ'5i ᐱYbᐱWᐱcb'Hfi gh

ᐱᐱY'J'7G'ᐱᐱbZᐱi fYX'ᐱi gY'

7cbZ[ i f]b[ '8Y'Y[ UHYX'7fYXYbh]U'7\YW\_]b[ 'fG=Ð'Cb`mL



5XXJhcbU

8Yj ]W' Dfcj ]g]cb]b[ 'UbX'5i h\Ybh]W]h]cb Dc`]Wn

H\Y'Dfcj ]g]cb]b[ 'GYfj Yf'fYei ]fYg'h\UhUbmdfcj ]g]cb]b[ 'cf'd\cbY'Vcc\_'fYei Yg]h]fYW]j Yg'\Uj Y'U'fYUXmVYYb'  
Ui h\Ybh]W]h]X'Uh'h\Y'ncbY'cf'gi VncbY'



DfYgYbW'



<]YfUfVX]WU`8]U`D`Ubg`UbX`5i`h`Ybh]WU]cb`Dc`]Wm

<]Y

DfUWjW'7 cbZ[ i fUjcb'cZ5i hYbhWUjcb'Dc`]Wn

cb`m7 ]gWc`>UVVYf`Zcf ]DUX`UbX`>UVVYf`J ]XYc``Zi gYXž`c\Yf`bcb! gi ddcffYX`YbXdc]bhXYj ]Wg`k ]`Wcb]bi Y

: cf'7]gWc`YbXdc]brg`i`g]b[

7 cbZ[ i f]b[ '5i h Ybh]WU]cb hc l gY h Y@cWU'8UHUVUgY

H\Y`cWU`Ui h Ybh]WU]cb XUHVUgY ]g]bWi XYX'Ug'dUfhcZnci f'J 7 G'gnghYa `UbX'XcYg'bchfYei ]fY`UbmgdYW]Z]W  
WcbbYW]j ]hmWc]bZ[ i fU]cb" h]g'i gYX hc'ghcfY i gYf'UW]ci bhUi h Ybh]WU]cb WYXYbh]U'g" 9UWX'gYhcZWYXYbh]U'g'  
Wc]bg]ghg'cZU'bUa Y`UbX'dUggk cfX"

H\Y WYXYbh]U'g]b'h\Y`

I g]b[ 'Ub'<" ) \$'8]fYWcfmGYfj ]W'@cc\_i dj ]U'@85D

H\Y'8Yj ]W'Ui H\Ybh]WU]cb'<" ) \$'WcbZ][ i f

s&" 7cbZ[i fY`hY`zY`Xg`Ug`z`ck`g.g





I g]b[ '5Wlj Y'8]fYWlcfm8UHUVUgY fB]fYWL

5Wlj Y'8]fYWlcfmXUHUVUgY fX]fYWL:Ui h.Ybh]WU]cb i gYg'B H@A `dfcfcWc`WXU`Yb[ Yg'UbX'Ui h.Ybh]WU]g WfYXYbh]U'gj ]U'  
X]fYWUUVWgg'fc Ub'5Wlj Y'8]fYWlcfmYfj Yfi g]b[ 'U'

GYHb[ i d 'mci f 'Ui h.Ybh]WU]cb'



: IX



5i h.Ybh]WU]b[ 'k ]h '9I h'fbU`Gng]hYa g

H\Y`Ci h'ci bX WcbbYW]cb WYXYbh]U'g'dU[Y f7 cbZ][ i fU]cb`2'5i h.Ybh]WU]cb`2`Ci h'ci bX WcbbYW]cb WYXYbh]U'g'g`



NcbYg'UbX·BY][ \Vcfg

H\jgYWcb'



UCC CONTRACT

## Gift of [ 'nci f'8]U'D'Ub

5g'nci 'ghUfhXYd'cnjb[ 'a cfY h'Ub'cbY'J 7 Gz]h]gi gYZ 'tc bY][ \Vcf'hY'gmgYa g'hc[ Yh'Yf'gc h'Uh'h Ym'WUb'ei YfmYUWX'  
ch'Yf'UVci h'h'Y]f'fY[ ]gh'fYX'Yb'Xdc]b'bg''

5'grfi Wfi fYX'X]U'd'Ub'a ]b]a ]nYg'h.Y'bi a VYf'cZei Yf]Yg']ggi YX'k \Yb'U'WU'' ]g'UthY'a dhYX'' <ck Yj Yfz']hgh]'fYei ]fYg'U'  
Zi `mVtbbYWHYX'a Yg\`cZU''J 7 Gg]b'nci f'XYd'cna YbH' 5 \]YfUfVX]WU'X]U'd'Ub WUb'g]a d']Zmih.]g"

<]YfUfVX]WU'X]U'd'Ub

⊕'h.]g'ImdY'cZgfi Wfi fY'cbY'J 7 G' ]g'bca ]bUHYX

s *8BG*. 'h\Y'ncbY `W`bHJ]bg`YbXdc]bhtg`X]gW`ej YfUV`Y`Vm8BG`"cc\_i`d"

s *I b]ZYX`7ca a i b]WU]cbg`fUj YfgU`*. U`fUj YfgU`W]Ybhc`f`fUj YfgU`gYfj Yf`ncbY`i`gYX`Zcf`I`b]ZYX`7ca a i b]WU]cbg`ZYU`i`fYg`gi`W`Ug`a`cV]Y`UbX`fYa`ch`U`VW`gg`cf`>UVVYf

s 5g'hY'6&6l 5'a i ghHJ\_Y'hY'a YX]Už'YUWx 'W'' ]g'WUgg]Z'YX'Ug'U'hUj YfgU' 'W'' UbB

⇒ 9'gi ddcfn

A YXJU·YbWfndhcb  
a cXY

: cf'Z f\Yf']bZcfa U]cb'UVci h\ck 'tc WcbZ][ i fY gYUfW ' Uf \

\ gY b



s CZZ`hY`dfcfcVc`]g`X]gUV`YX`UhY]h`Yf`hY`ncbY`cf`gnghYa ``Yj`Y`

s 5Wij`Y.



: ]Y`X

8YgW]dhcb

I gU[ Y h'dg

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

⇒ 9`gi ddcfh

7 cbhfc`g`k \Yh\Yf`⇒ 9`a YggU[ Yg`UfY`gi ddcfhY`X`  
Vmih\Y`XYj ]Wg`]b`h.]g`ncbY"

GY`Y`

⊖ 'h ]g'g]h Uh]cb'nci f"cwU'J 7 G' ]g'U'fUj YfgU' W]Ybhž'gc'nci 'WYUHy'U'WcbYW]cb'k ]h' h.Y'fUj YfgU'gYfj YfVmiWYU]b[ 'U'  
fUj YfgU' W]YbhncbY'cb'nci f"cwU'J 7 G'"Mci 'h.Yb'WcbZ[ i fY' h.Y W]YbhncbY'k ]h' XYHU]g'cZ h.Y Wc'ffYgdcX]b[ 'ncbY'cb

: JYX

8YgW]dhcb

I gU[ Y h]dg





: ]Y`X

8YgWf]dh]cb

I gU[ Y h]dg

H@G`j Yf]Zma cXY` 7 cb]fc`g`L") \$- `Wf]h]Z]WU]h`W`Y`W`]b[ `UbX`a i h U`  
UbX`gi V`Y`W`h Ui h`Y`b`h]WU]h]cb VY`h Y`Y`b  
bUa Y

: ]Y'X

8YgW]dhjcb

I gU[ Y h]dg

H7D'fYfmWci bh

H\Y'bi a VYf'cZha Yg'hY W]YbhUHa dhg'hc'gYbX'U'  
H7D'dfcVY'hc'hY'J 7G'9l dfYggk UmXi f]b[ 'WU''gYh d"

s

H7D'\_YYd'U'j Y'  
]bhYfj U'

H\Y' ]bhYfj U' f]b'







GYHjbl 8YgW]dHcb

8YZJi`h NcbY`hmlYg

GYbX`Ya dmi  
BJ #19

GYHj[b[

8YgWf]dh]cb

8YZJi `h NcbY`møYg

G-D I D85H9`  
ghf]d`a`cXY

7 cbf`c`g`k` \Yh`Yf`cf`bch`h`Y`J`7`G`ghf]dg`h`Y`I` D85H9`a`Yh`cX`Z`ca` `h`Y`  
5`ck` \YUXYf`cZU``fYeI` Yghj`UbX`fYgdcbgYg`fYVW]j` YX`Z`ca` ž`UbX`gYbh`cž`  
h`.]g`ncbY"

H`.]g`cdh]cb`g`ci` `X`bcfa` U`mVY``Yzh`Ug`h`Y`XYZJi` `h`C`Z`Z`<ck` Yj`Yfž`gca` Y`  
gngh`Y`a`g`Xc`bchgi` ddcf`h`h`Y`I` D85H9`a`Yh`cX`]b`h`Y`5`ck` \YUXYfž`gc`Z`cf`  
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"

NcbY

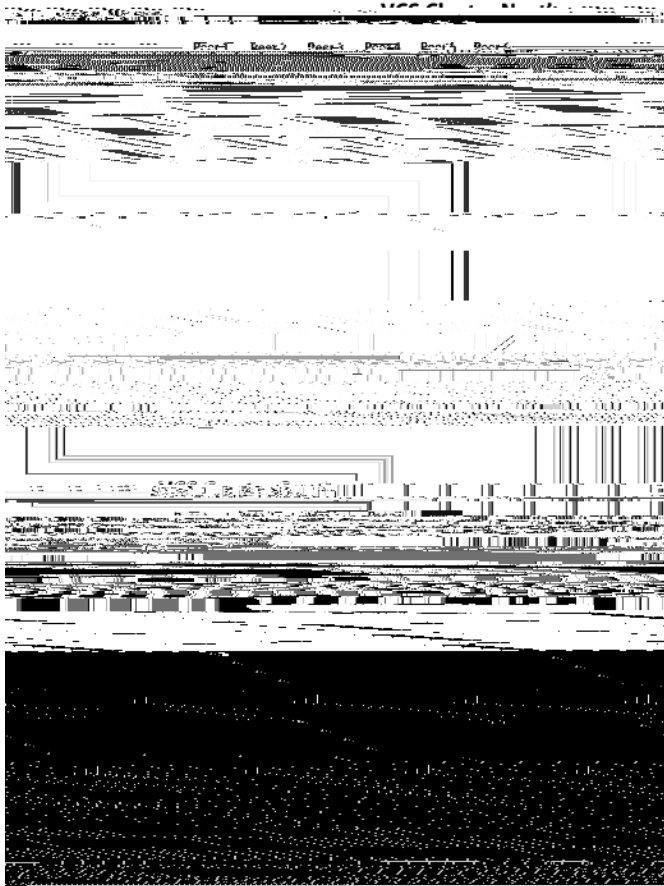
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J 7 G'UVWg'Vch'Ug'U

U



7`i ghYf]b[





5Vci hñY WëbZ][ i fUñcb'a UghYf

5`dYYfg`]b`U`Wì ghYf'a i gh\Uj Y`]XYbh]WU` WëbZ][ i fUñcb`Zc'f'gi VncbYgž'ncbYgž`]b\_gž'd]dYgž



s 5GÐWJ

6Ug]W7 cbZ][ i fUhc'b'g'8cbY

st

H\Y : E 8B WUb Wca df]gY'a i`h'd`Y`Yj`Y`g"9UWX`Yj`Y`fj`bUa`Y`WUb`cb`m`WcbHJb`Y`H`Y`fg`Z`X][`J`g`UbX`\`n`d`\`Y`bg`z`k`J`h`Y`U`V`W`X`Y`Z`  
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BchY hUnXi f]b[

k \]W h Y "c[ g'cZU" dYYfg Wb VY'gYbh' H\]g'U"ck g'mei 'hc \Uj Y'U'

Hc`VXUb[Y`h]g`gYHb[ž[c`hc`7cbZ][i fU]cb`2DfchcWc`g`2



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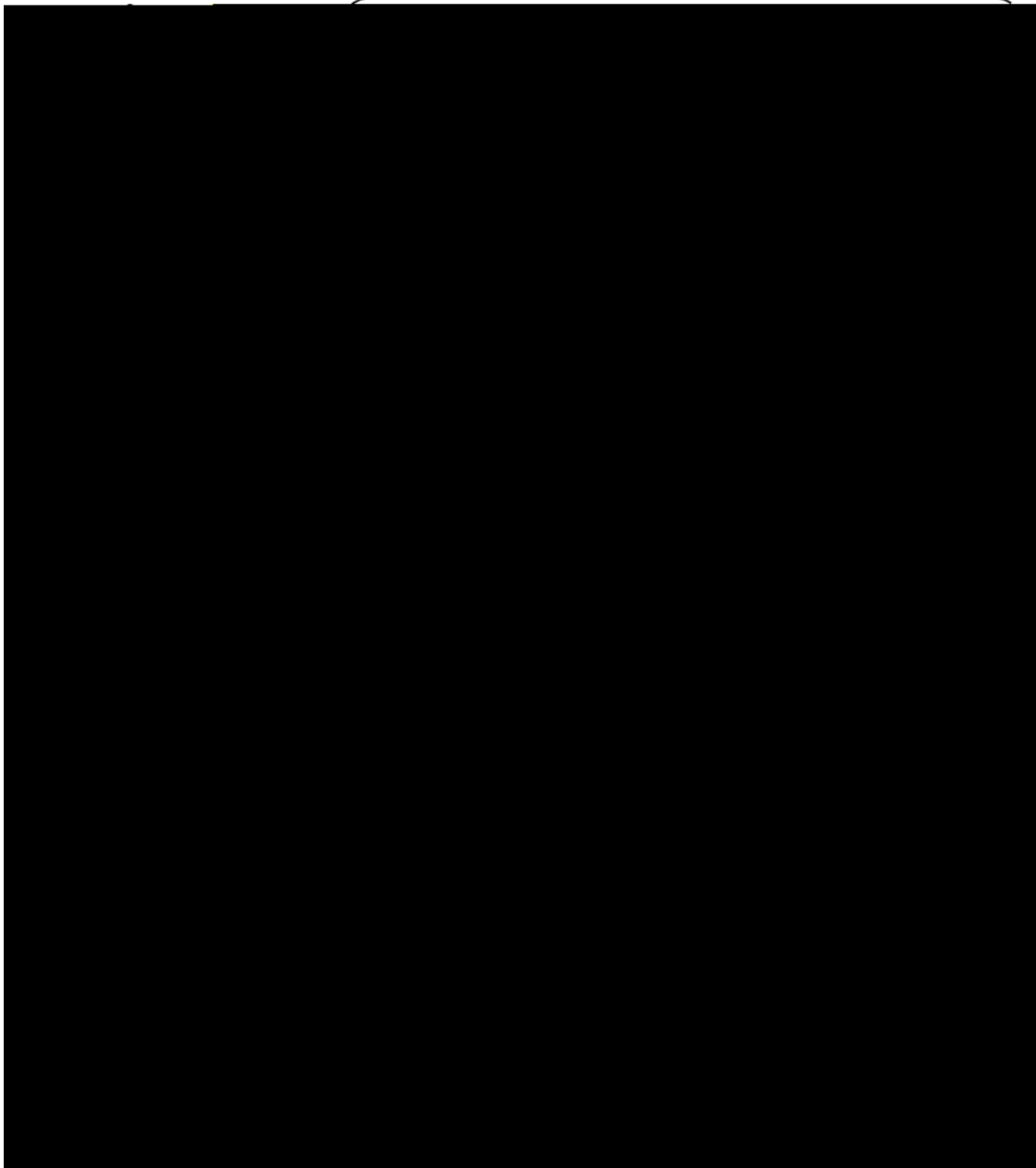
s J 7G i b]h]g'



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VY`j]b`U`bi`a`VYf`cZ`X]ZY`fYbh`UXXfYgg`Z`fa`Urg`"

§& H\Y`XYgh]bUh]cb`UXXfYgg`j]g`gYbhZ`ca`H\Y`WJ`Yf`g`YbXdc]bhhc`]hg`cWU`J`7`G`fH\Y`J`7`G`hc`k` \]W\`]h]g`fY`[`]ghYfYX`E`"

§ " 5bmdfY! gYUfW\`fUbgZ`fa`g`UfY`Udd`]YX`hc`"



7 cbZ[ i f]b[ ' <cd'7 ci bhg

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: cf'<" & ž'ĤY \cd Wđi bhcb`mUdd`]Yg'hc'gYUfVX 'fYei Ygrg": cf'G-Đž'ĤY \cd Wđi bhUdd`]Yg'hc'U`'fYei Ygrg'gYbh'hc'U'ncbY`  
fUZZYW]b[ 'ĤY'A UI!: cfk UfXg'Z]Y'X']b'ĤY'fYei Ygrg"

H\Y







: ]Y`X

8YgW]dh]cb

I gU[Y`

GYUFVX UbX

: ]Y`X

8YgW]dh]cb

I gU[ Y h]dg

Df]cf]m

H\Y`cfXYf]b`H\Y`gYUfW\`dfcW\gg`h`Uh`h`]g`fi`Y`]g`  
Udd`]YX`z`k` \Yb`W`a`dUfYX`h`c`H\Y`df]Gf]hmcZ`h`Y`  
ch`Yf`gYUfW\`fi`Yg`"5`"Df]cf]m%gYUfW\`fi`Yg`UfY`  
Udd`]YX`Z]fgh`z`c`"ck`YX`VmU`"Df]cf]m&gYUfW\`  
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Ugg][`bYX`h`Y`g`Ua`Y`df]cf]m`z`]b`k` \]W\`W`UgY`U`b`m`  
a`U`h`W\`]b[`h`Uf[`Y`h`n`c`b`Y`g`U`f`Y`ei`Y`f]YX`  
g]a`i`h`U`b`Y`c`i`g`m`h`Y`X`Y`Z`U`i`h`]g`%`\$`\$`"

H\Y`XY`Z`U`i`h`W`c`b`Z`[`i`f`U`h`]`c`b`a`Y`U`b`g`h`U`h`h`Y`@`c`W`U`  
N`c`b`Y`]g`g`Y`U`f`W`\  
"

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

DUHfYfb`g]f]b[ H\Y`dUHfYfb`U[ U]bghk \ ]W`h\Y`U`]Ug`]g`Wt`a dUfYX"

5dd`]Yg`cb`m]ZH\Y`A`cXY`]g`5`]Ug`DUHfYfb`A`UHfYX"

H\Y`J`7`G`\`Ug`U`gYh`cZdfYXYZ]bYX`dUHfYfb`  
a`UHfYX`]b[ `j`Uf]UV`Yg`h`Uh`W]b`VY`i`gYX`h`c`a`UHfYX`  
U[ U]bghVW`f]U]b`Wt`bZ[ i`fU]cb`Y`Ya`Yb]g"

DUHfYfb`  
VY\Uj`]cf

8YhYfa`]bYg`k`\Yh\Yf`h\Y`a`UHfYX`dUf]h`c`ZH\Y`  
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ncbY`c`f`d`c`]Vh]gYf]`]W

@YUj`Y

9l Ua d`Y`GYUfWYg`UbX`HfUbgZcfa g

Mci

5`k Umq'E i YfmUNcbYK ]h`Cf[[ ]bU`5`]Ug'fBc`HfUbgZcfa gl

Hc





h]g'dcgg]V'Y'hc WcbZ[ i fY'a i 'h]d'Y'gYUfW fi 'Yg'Zcf'h'Y'gUa Y'ncbY'YUW k ]h'Z'Zcf'YI Ua d'Y'Z'h'Y'gUa Y'Df]cf]ImiUbX'Ub'  
]XYbh]WU'DUfYfb'ghf]b[ 'hc'

: JYX

: jY`X

F Yei Ygha i ghVY`  
Ui h.YbhjWthYX

A cXY

J U`i Y

Bc

5`jUg`dUthYfb`a UthX



|                                     |   |
|-------------------------------------|---|
| : ]Y'X                              | J U'i Y   |
| Fi 'Y bUa Y                         | 8]U' ]b[ '<' &' 'g'f]b[ g'k ]f\ 'Xca U]b                  |
| 8YgW]d]h]cb                         | D`U'W' WU`g`h'c`g'f]b[ 4 Xca U]b k ]f\ 'bc`U`]Ug`fUbgZcfa |
| Df]cf]m                             | ) \$  |
| Gci fW                              | 5bm   |
| FYei Ygha i ghVY`<br>Ui h\Ybh]WU]hX | Bc  |
| A cXY                               | 5`]Ug`dU]hYfb`a U]hX                                      |
| DU]hYfb`m]dY                        | F Y[ YI   |
| DU]hYfb`g'f]b[                      | f]Z`k4 Xca U]b  |
| DU]hYfb`VY\Uj ]cf                   | @YUj Y  |
| Cb`gi W]W]ggZ `a U]hX               | 7 cb]h]bi Y   |
| HUf[ YhincbY                        | @cWU`NcbY   |

GHU]hY

9bUV`YX

7cbZ[ i f]b[ 'GYUFWX Fi `Yg'hc' i gY`Ub'9I HfBU`GYfj ]W

H\Y`WcbZ[ i f]b[ 'GYUFWX Fi `Yg'hc' i gY`Ub'9I HfBU`GYfj ]W Zc'f'gYUFWX fi `Yg'fX]U' d'UbE.]gVfc\_Yb'  
Xck b

: JYX

8YgWjdhcb









]b'UXj UbWV h.Uhnci f'7D@gW]dh]gj U]X" Hk c`Xck b`cUX'cdh]cbg'UfY`Uj U]UV`Y.

s

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

GYfj Yf'

9bhYf'hY`D'UXXfYgg'cf: i ``mE i U']ZYX'8ca U]b'

≠

UXXfYgg'%'! "

B Ua Y fl E 8B E'cZ'hY'gYfj Yf'Ycgh]b[ 'hY'gYfj ]W''

M'ci 'WU]b'gdYV]ZmU'dcfhVmiUddYbX]b[ ' :<port>'

hc'hY'UXXfYgg"



s ]g'hY'

I F=8]U`b[ `K ]\ci h8BG

K ]\ci h\Y`i gY`cZ8BGzWJ`g`a UXY`VmU`cWU`mfY[ ]ghYfYX`YbXdc]bhi`g]b[ `I F=X]U`b[ `k ]`

H\jg]gXYgW]VYX]b hY I F - 0]0]0]



hc'h.Uh-D'UXXFYggUbX'h.Y'gYUfVX'k'j''h'fa'JbUH''B.ch' h.Uh]Z'h.Y'5'UbX'55'f'Wt'fXg'

ξ " 7 cbZ[ i fY'h\Y'8BG'ncbY'gYH]b[ g'Ug'Zc`ck g.

: ]Y'X ; i ]XY`]bYg

<cd' K \Yb'X]U]b[ `Vml F=] ]U'8BGz'hY'e  
Wti bh

m







ξ " ZUB5DHF fYVcfX YI Jghg Zcf hUh9

š " 5Zyf`Udd`njb[ `UbmidfY! gYUfVX hfUbgZcfa gž`h.Y`J 7 G

s% ; c'hc'7 cbZ][ i fUjcb'2'NcbYg'2'NcbYg"

s&" 7 ]W\_BYk "Mt i





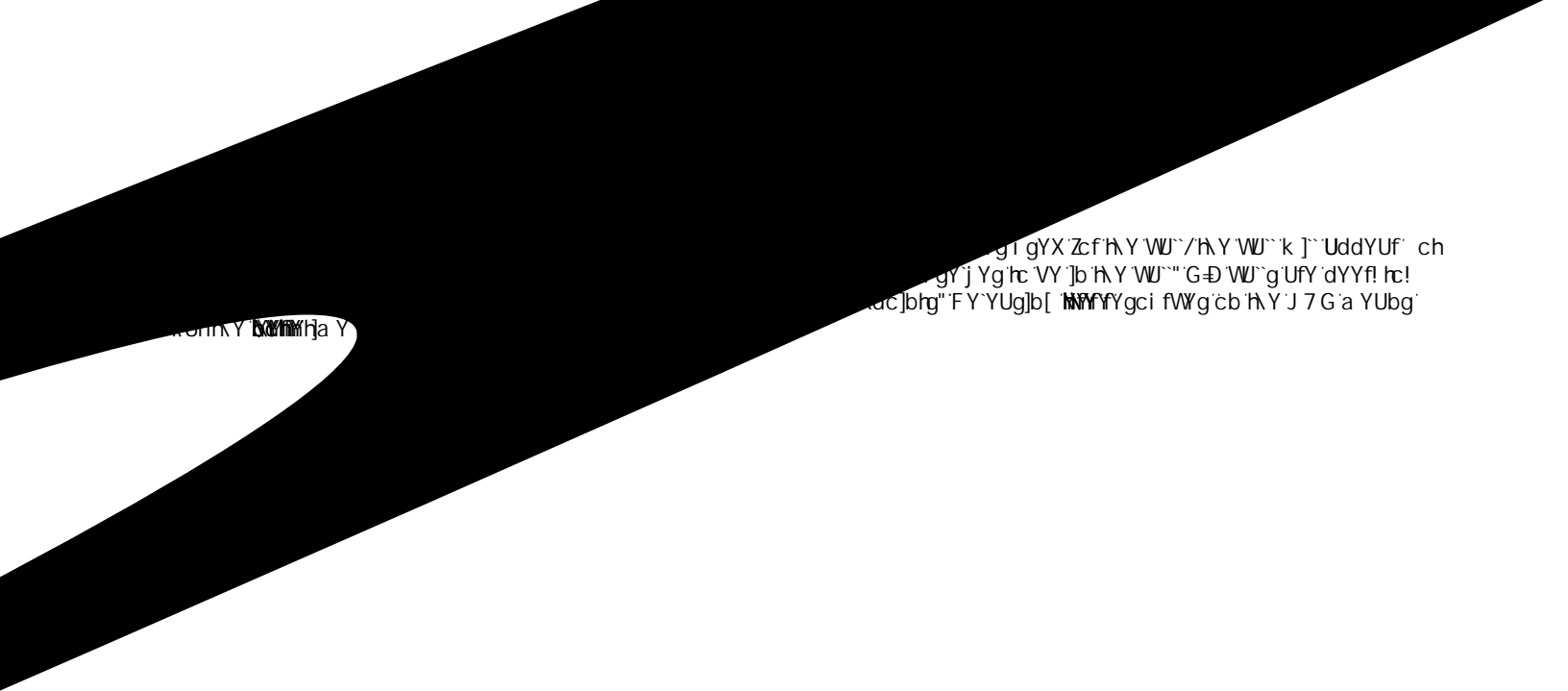
I F ≡

s **replacement** :lg' bchW ffYbhmi gYX Vmi hY J 7 G UbX'g\ci 'X Vg

g\ciJ

s Cb



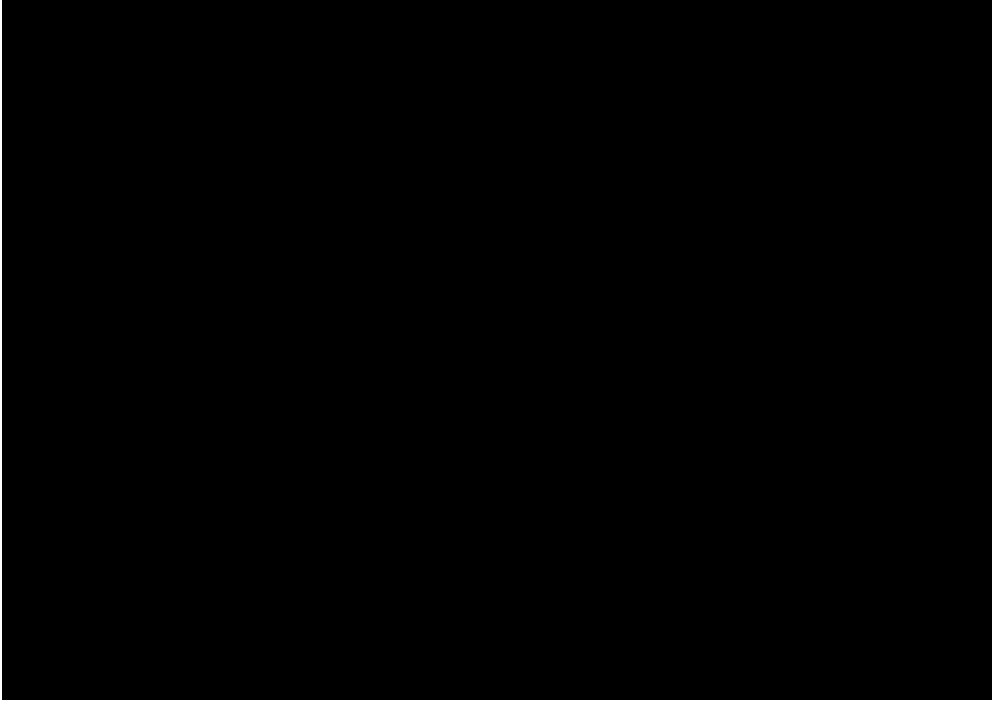


konkY bww hja Y

gI gYX'ZcfH\Y'WJ''/H\Y'WJ''k J''UddYUf' ch  
gY j Yg'hc'VY ]b H\Y'WJ''G-D'WJ'g'UfY'dYYf! hc!  
dc]bfg" F Y'YUg]b[ hY'Ygci fW'g'cb H\Y'J 7 G'a YUbg'

# 6UbXk ]Xh`7 cbhfc`

H\]g'gYW]cb XYgW]VYg`ck`hc`Wcbhfc`hY`VUbXk ]Xh`hUh]gi`gYX`Zcf`WJ`g'k`]h]b



7 cbZ][ i f]b[ '6UbXk ]Xh 7 cbhfc`g

H\Y'6UbXk ]Xh WcbZ][ i fUhc'b'dU[ Y'f7 cbZ][ i fUhc'b'2





K \Uhh'U'



: JY`X #gYW]cb 8YgW]dhcb

s hY'gi VbYhcf'U']Ug'dUhhYfb'

: ]Y`X

8YgW]dhcb

I gU[ Y h'dg

6UbXk ]Xh Wcbgi a dhjcb'cZIfUj YfgU`WU`g

5' bcb! IfUj YfgU`WU` VYhk YYb tk c YbXdc]bhg'k ]h.]b h.Y'gUa Y'gi VncbY k ci `X'Wcbgi a Y Zfca 'h.Uhgi VncbY h.Y'Ua ci bh  
cZ



5dd`n]b[ `D]dYg'hc`@]b\_g

D]dYg'UfY`i`gYX'hc`fYghf]WghY`VUbXk`]Xh`'cZU``]b\_`"K` \Yb`U'd]dY`]g`Udd`]YX'hc`U``]b\_ž`]h'fYghf]WghY`VUbXk`]Xh`'cZVU`g`





H\Y'J 7 G'9l dfYggk Um\Ug'gi VncbYg'Vc bZ[1 920.02 Tm [-e RYPCZ]WY'UbX'6fUbWk' CZ]WY''H\YgY'UfY'']b\_YX'fc' H\Y'J 7 G'  
9l dfYggk Umg'HfUj'YfgU'Gi VncbYž'k ]h'd]dYg'd'UWYX'cb'YUWk'']b\_'5''WU'g'Z'ca' H\Y'J 7 G'9l dfYggk Umfc' H\Y'J 7 G'  
7 cblfc''a i gh[ c' h'fci [ \ H\Y' HfUj'YfgU'Gi VncbY'UbX'









DfYgYbW

DfYgYbW [g'hY UV]fm

DfYgYbWU UbX XYj JW Ui h.YbhjWUjcb



s = ZH\Y: ]bXA Y`U]Ug ]g`gYhfc; fci d`a cXYZ]ZUbmcbY`cZH\Y`YbXdc]btg ]g`cb`]bY`fj"Y" bch]b`W"``cf`cZZ]bYk`H\Yb`H\Y`  
: ]bXA Y`dfYgYbh]img`ghUfi`g`k ]``VY`fYdcfH\X`Ug`



6&6I 5 f6UW! hc! 6UW\_I gYf'5[ YbH:Cj Yfj ]Yk

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A JfcgcZn@nbW6&6I 5

HY'A JfcgcZn@nbWUW! hc! VUW\_i gYf'U[ Ybhf@nbW6&6I 5Ecb HYJ 7G



: JYX

: JYX

: JYX

8YgWjdhcb



: JY`X

8YgWjdhcb

I gU[ Y h'dg

B Ua Y

5b'cdh'cbU`ZY! Zcfa`XYgWjdhcb'cZHY

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

DUHfYfb`hmdY

H\Y`k Um]b`k \]VX`h\Y`DUHfYfb`ghf]b[ `a i`gha UHMX`  
Y]h\Yf`h\Y`gci`fW`cf`XYgh]bU]h]cb`U`]Ug`cZ`h\Y`WU`"

9I`UW`h\Y`Ybh]fY`ghf]b[ `a i`ghYI`UW`mia`UHMX`h\Y`  
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DfYZ]I. `h\Y`ghf]b[ `a i`ghUddYUf`Uh`h\Y`VY[ ]bb]b[ `cZ`  
h\Y`U`]Ug"

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U`]Ug"

FY[`YI. `hfYUrg`h\Y`ghf]b[ `Ug`U`

: JY`X

5XXfYgg

8YgW]dh]cb

H\Y`Ð`UXXfYgg`cf`: i ``mE i U`Z]YX`8ca U]b`BUa Y`  
fl E 8B`É`cZ`h`Y`fUbgW`É`XYf"

I gU[ Y`h]dg

-Znci `\'Uj Y`gYj YfU`fUbgW`É`XYfg`nci `UfY`  
fYW`É`a YbXYX`É`Y]h`Yf`i`gY`h`Y]f`Ð`  
UXXfYggYg`cf`É`c [ J] Y`YUW`X`Yj ]W`U`X]ZZYfYbh  
: E 8B"

MØY

U

: ]bXA Y

: ]bXA Y ]g'U zcfa 'cZI gYf'Dc ]Mz'k \ ]Mx ]g'hY'gYhcZfi 'Yg'hUhXYHfa ]bYg'k \Uh\UddYbg'hc'U'WJ''zcf'U'dUff]W'Ufi'gYf'  
cf'[ fci d'k \Yb ]h]g'fYVW]j YX'VmiH'Y'J 7 G"

H\Y: ]bXA Y ZYUhi fY''Yhg'nci 'Ugg][ b'U'



: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

7U`Yf`-8

8YHfa ]bYg`vck` h.Y`gci` fW`cZUb` ]bWta` ]b[ `WU`  
]g`dfYgYbhYX`hc` h.Y`WU`"YY"

I`g]b[ `: ]bXA`Y`-8`a`YUbg`h.Uh]ZH.Y`fYW]d]Ybhi`  
gi`VgYei`YbhmfYhi`fbg`

~~Wta` ]b[` -8` X]gd`Um]`h.Y` UXXfYgg`cZH.Y`  
YbXdc]bhZca`k` \]W` h.Y`WU`"k` Ug`d`UW`X"~~

: ]bXA`Y`-8` X]gd`Um]`h.Y` : ]bXA`Y`-8` UggcW]UH.Y`  
k` ]h` h.Y`cf][ ]bUh]b[ `YbXdc]bh]`UXXfYgg"

: ]Y`X

8YgW]dhcb

DUH

H\Y i F@cZ\Y`fYa ch`gYfj ]W"

I`gYfbUa Y

H\Y i`gYfbUa Y`i`gYX`Vm\Y`J`7`G`h`c[ ]b`UbX`ei`Yfm\Y`fYa`ch`gYfj ]W"

## 7 ]gWt HA G Dfcj ]g]cb]b[

7 ]gWt HA G dfcj ]g]cb]b[ ]g hY a YW Ub]ga h fci [ \ k \ ]W h Y J 7 G UbX 7 ]gWt HA G g\UfY : ]bXA Y ]bX XYj ]W  
dfcj ]g]cb]b[ XUHU" hY g\UfYX XUHU ]W 8.02 Tm [( U)22.67( H)-4.33( T)25.67( X)-20.33( H)-4.33( W)-11.33( K)-16.33( D)-30.33( W)

s i gYf UWt i b h XYj ]W UbX d\cbY Vcc\_ XUHU h U ]g]cb]b[ ]W 7 G h gYfj ]W dfcj ]g]cb]b[ ]W ghg ]W





s ; c'hc'GUi g'2'

GHUfHYf'DUW\_Dfcj ]g]cb]b[

H\Y'J 7 GfG GHUfHYf'DUW\_Dfcj ]g]cb]b[ 'GYfj Yf'dfcj ]XYg'VUg]WXYj ]W' 'dfcj ]g]cb]b[ ž

]bHY[ fUHYX `Vc`UVcfUH]cb i gYf`YI dYf]YbVW"

K \]WX `gYfj ]Wg`Ua `sYbh]hYX`rc`



I gYf'5Wwci bhg

H\,g'gYw]cb'dfcj ]XYg]bZcfa U

5Wci bhHndYg

5Xa ]b]ghfUhc f`UWci bhg

5Xa ]b]ghfUhc f`UWci bhg





7cbZ[i f]b[ ' .



hX]gd`Ung`XYHU]g`cZh.Y]f`gYgg]cb ]bWf X]b[ `h.Y]f`c[ ]b`h]a Yz`gYgg]cb`mYz`D`UXXfYgg`UbX`dcfz`UbX`k`Yb`h.Ymi`Ugh`  
UWYggYX

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

: ]bXA YY

: ]Y`X

8YgW]dhcb

I gU[ Y`hdg

7YfhZ]WUhr`

fYj cWUhc b`]gh

fV F @t

: ]Y`X

8YgW]dh]cb

I gU[ Y`h]dg

6UgY`8B`Zcf`  
[ fci dg

H\Y`ci 1`UbX`XW`XYZ]b]h]cb`cZ`h`Y`8]gh]b[ i ]g\YX`B`Ua`Y`  
k` \YfY`U`gYUfVW`Zcf`[ fci dg`g\ci`X`ghUfh]b`h`Y`  
XUHVUgY`g]fi`W`h`fY`fWUgY`]bgYbg]h]j`Y`E`

h]g]a`dcf]Ubh]c`



: cfYl Ua d'Yz]ZHY



: ]Y`X 8YgW]dHcb

I gU[ Y`h]dg

GHUH ~~h~~X]WUHYg]ZH`Y [ fci d`]g`YbUV`YX`cf`  
X]gUV`YX`"

9bUV`YX. i gYfg`WUbj ]Yk `UbX`a cX]Zm  
h`Y]f`dYfgcbU` : ]bXA Y`XYHU]gZ`XYj ]Wg`  
UbX`cWU]cbg"

8]gUV`YX. i gYfg`UFY`bchU`ck YX`hc`c[`  
]b`hc`h`Y]f`

: ]Y`X 8YgW]d]cb

I gU[ Y ]dg

: ]bXA Y`

BchY`h\UhH\Y`J 7 G`cb`mgYbXg`dfcj ]g]cb]b[ ]bZcfa Uh]cb`tc`h\Y`dfY! WcbZ[ i fYX`XYj ]W`



I g]b[

s " @dhcbU'Q7 ]W\_8Y`YH' h.YgY hc\_Ybg ]Znci`



A U]bYbUbVY

H\jgYW]cb XYgW]VYg'h Y'dU[ Yg'h UhUddYUf'i bXYf'





s K Y'fYWŁa a YbXYX'ĤUhnci 'i d[ fUXY'J 7 G'WŁa dcbYbĥg'k \]Y'ĤY'gnĥYa 'jg]bUWĥj Y"

s Źnci 'UfY'i d[ fUX]b[ 'U'Wi ghYf.

GY'Y'J 7 G'7 'i ghYf'7 fYUĥ]cb 'UbX'A U]bĥYbUbW'8Yd'cna Ybh; i ]XY'cb'ĤY'J 7 G'7 cbZ[ i fUĥ]cb; i ]XYg'dU[ Y"

s Źnci 'UfY'W ffYbĥmfi bb]b[ 'bcbl Wi ghYfYX'J 7 G'L) "%žL) "%%%cf'L) "&žnci 'a i ghZ]fgh





@Yj Y'' 5gg] bYX'

Gca Y`YI Ua d`Yg`cZ\Y`a YX]U`gh]gh]Wj`UfY`dUW`Yrg`Zc`fk`UfXYXz`dUW`Yrg`"cghz`]hYfz`a YX]U`hmdYz`Vc`XYVz`UbX`UW`i`U`  
V]`fU`hY`"

BchY`\$`Y`a`YggU[`Y`gY]`Yf]m]g`-bZ`fa`Uh]cbU`~Vi`ha`YX]U`gh]gh]Wj`a`YggU[`Yg`UfY`U`k`Um]g`di`V`]g`YXz`]ffYgdYW]j`Y`cZ\Y`  
gYj`Yf]m]z`hYfg`"

7 U`8YHJ]`

§ " I gY hLY: ]hYf VmGYj Yf]hcdh]cb hc'gY`YWh





H\Y'GmgH'a ]bZcfa Uh]cb'gYW]cb'gi a a Uf]nYg'h\Y'YI ]gh]b[ 'ZYUhi fYg ]bghU``YX'cb'h\Y'J 7G'UbX'X]gd`Umg'h\Y'J U`]X ]mi  
dYf]cX`

**xConfiguration Option [1..64] Key**

BchY`k \Yb i g]b[ `h\Y 7 @=hc`UXX`Ub`YI`fU`cdh]cb`\_Ynã`nci`WUb`i`gY`Ubmi`bi`gYX`cdh]cb`]bXYI`" `Znci`WkcgY`Ub`YI`]gh]b[ `cdh]cb`]bXYI`ž`h.Uhcdh]cb`k`]`VY`cj`Yfk`f]hYb`UbX`h.Y`YI`fU`Z`bW]cbU`]fmidfcj`]XYX`Vmi`h.Uhcdh]cb`\_Ymk`]`bc`"cb[`Yf`YI`]gh`Hc`gYY`k`\]W`]bXYI`Yg`UfY`W`ffYbh`m

s Hc j JYk 'h.Y Ybhjfy``]ghcZWW ffYbhmi d`cUXYX`fhi ghX`7 5 WfhjZWHygz`WJW\_`G\ck `U``fKYWtXYXt`tc j JYk `]h]b`U`  
`i a Ub! fYUXUV`Y`z`fa z`cf`WJW\_`G\ck `U``







s " 9bHYf\N.Y'gYhcZ<HHDfGt

s% ; c'hc'7cbZ[i fU]cb'2'G-D"

U H XE I-(Os)TobSbT XE8 X W H Y 7 YfhZ]WHY'fYj cWU]cb WX YW\_]b[ 'gYW]cb UbX WcbZ[i fY H Y'gYH]b[ g'UWVcFX]b[ 'm

: ]Y'X

8YgW]dh]cb

I gU[ Y'h]dg

7 YfhZ]WHY'  
fYj cWU]cb'  
WX YW\_]b[ '  
a cXY

7 cb]fc'g'k \YH Yf'fYj cWU]cb W X Y W\_]b[ 'jg'dYfZcfa YX'Zc'fYf  
WfhZ]WHYg'YI OXUW]FYX'XG'U'G-D'H@G

UY



§6 5XX'ḤY'J 7 Gḡ'Ḥfi ḡḤX'7 5'UbX'ḡYfj Yf'Wf'ḤjZ'WḤḤY'Z'Yḡ'fḤb'ḤY'Ḥfi ḡḤX'7 5'



Hc fYhf]Yj Y 'Ui h.c.f]nUh]cb WfYXYbh]U'g

## 5Xj UbWYX'GYW f]m

H\Y'5Xj UbWYX'gYW f]midU[ Y'fA U]bhYbUbWY'2'5Xj UbWYX'gYW f]m]g'i gYX'fc'WcbZ[ i fY'h.Y'J 7 G'Zcfi'gY' ]b^\][ \`m  
gYW fY'Ybj ]fcb Ybfg" H\]g'dU[ Y'Wb'cb'mVY'UWY'ggYX' ]Zh.Y'5Xj UbWYX'

s UWWYgg'cj Yf'GG<'UbX'h'fci [\ 'h'Y'gYf]U'd&fb]g'X]gUV`YX'UbX'WUbbch



s GFHD'a YXJU'

5ZYfXck b`cUX]b[ `h.Y`Ub[ i U[ Y`dUW\_ž`i bn]d`h.Y`Z]Y`hc`YI hfUW`U`gYhcZ`hd`Z`Ygž`cbY`dYf`





st" 7 W'

H\YgY Z\Yg WUb VY

s HY'

Dfj] UWh DfchWYX DYfgcbU`8UHJ`a YUbg`Ubm]bZcfa Uh]cb UVci hdYfgcbg`cf`Ybh]h]Yg`h Uh`h`Y`7 i g`ca Yf`fYVW]j Yg`cf`  
XYf]j Yg`]b`Ubmia UbbYf`Zca`Ubmigci fVW`h UhV`b`h]bg`Ubm dYfgcbU`]bZcfa Uh]cb UVci hdfcgdYVW]j Yz`Zcfa Yfz`UbX`Yi`]gh]b[`  
W`g`ca Yfgz`Ya d`cm`Yg`cf`Ubmch`Yf`dYfgcb`cf`Ybh]h]m`Dfj] UWh DfchWYX DYfgcbU`8UHJ`]bWi XYgz`k`]h`ci h`]a`]hUh]cbz`  
bUa Ygz`UXXfYggYgz`h`Yd`cbY`



7 U. hcb. zcf

st" 7 JW'@cWUHY'





#U`ck g'nci 'lc X]gVcj Yf'kY fci hY 'tU\_Yb VmU'bYtk cf\_



FYgi 'rg  
5 bYk 'g'

ZA cV]Y UbX fYa ch' UVWYgg ]g`YbUV`YXž`h`Y









: JY`X

8YgW]dh]cb

GmghYa`

A Ubric



s A cb]rcfYX fYgci fW'i gU[ Yž'YI dfYggYX'Ug'U'

Mci`WUbgYY`U`gi a a UfmicZU``cZH`Y`WU`ž`fY[ ]ghfU]cb`UbX`HI`FB`fY`Um`]WbgYg`]bgfU`YX`cb`YUW`Wi`ghYf`dYYf`Vm[ c]b[`  
hc`h`Y

: JYX 8YgWJdhcb

5XXfYgg : cf<" & XYj JWg h.lg.lg

: ]Y`X 8YgW]dhjcb

9bX`hja Y H\Y`XUH`UbX`hja Y`k \Yb`hY`WU`YbXYX`fWta d`YHYX`WU`g`cb`nt'

8i fU]hcb H\Y`Yb[`h`cZ`hja Y`cZ`hY`WU`"

Gci fW H\Y`U`]Ug`cZ`hY`XYj`]W`h`Uhd`UWX`hY`WU`" fZ`hY`WU`dUggYg`h`fci [ `a`cfY`h`Ub`cbY`J`7`G`UbX`





UggcWJUhYX k Jh U



6UbXk jXh

@b\_'GHUhi g

HY'@b\_'ghUhi g

BchY hUh

Hc 'UVWYgg'h]g'dU[ Yž[ c'hc'GHUli g'2

Di V`jg\YfVti bh

hUdd`Yg'rc XYd'cna Ybhg'h Uhi gY Vch @nbWWjYbhg'UbX: ]bXA Yz]ZhmVch i gY'hY'gUa Y'G-D'Xca U]b" Hc YbUV'Y'h ]g'  
ZYUhi fYzFY[ ]ghYf': ]bXA Y i gYfg'Ug WjYbhg'cb@nbWa i ghVY'gYhrc 'M'g'cb'hY'

s k \jW J 7G ]b hY Wi ghYf \Ug hY'



s 5Wti bng

s ; fci dg

s HYa d'UHg

5" hY fYVcfXg]b hY WcgYb hUVY'UFY" ]ghX" BchY hUhgca Y hUVYg



Dfcj ]g]cb]b[ 'gYfj Yf

H\]g'gYW]cb'X]gd`Ung'h'Y'gYfmg



A cghlj Wg Yj Ybrg WcbhU]b`nmlYf]b\_g]b`cbY`cf`a cfY`cZ`hY`Zj`Xg`fji Wk Zj`Xg`WkUb[ Y`Wc`cf`k \Yb`nci `cj Yf`cj Yf`hYa E`  
Mci `WUb`WjW`cb`hY`

7cbZ[ i fU]cb'@c[

H\Y'7cbZ[ i fU]cb

9bhf

F YZYfYbWY`A Uhyf]U`

H\]g'gYW]cb'dfcj ]XYg'gi dd`Ya YbUfm



s DYfZcfa UbWV`WdUWjmk J`VY`fYXi W`X`VmZYUhi fYg`gi W`Ug`dfYgYbW`z`

5Vci h9j Ybh@c[ `@Yj Y`g

5`Yj Ybhg\Uj Y`Ub`UggcWUHX`Yj Y`]b`hY`fUb[ Y`%d (žk ]h`@Yj Y`%9j Ybhg`Wčbg]XYfYX`hY`a`cgh]a`dcfUbh`hY`

5Xa ]b]ghfUlc fUbX: ]bXA Y1 gYf'9j Ybhtg

B Ua Y 8YgW]dh]cb

GYfj ]W` GdYW]Z]Ygk \]Wk `dfctcWc`

B U a Y      8 Y g W j d h c b

H c      s   Z c f F 9 ; - G H 9 F

9j Ybh



9j Ybh  
CdYfUrcf

8YgWjdjcb`

@Yj Y`



9j Ybh

FYei Ygh

8YgWjdhcb

@Yj Y

9j Ybh

8YgWjdhcb

@Yj Y

GngHYa fYgfcFY  
Wta d'YHYX

HY'gngHYa fYgfcFY

7D@FYZYfYbW

7U`DfcWgg]b[ @Jb[ i U[ Y`f7D@:]g`Ub`LA @ VUgYX`Ub[ i U[ Y`Zcf

```
regex="regular GY`YVWY`X`ZY`X UbX`  
expression"
```

**host** : cf'I F=U]UgYg'h]g'gY`YWg'h\Y`Xca U]b`bUa Y`dUfh'`Z'hY`U`]Ug]g'Ub`#D`UXXfYgg'h\Yb`h]g'gi VZ]Y`X`]g'h\Y`  
Wc`a d`YhY`UXXfYgg]b`XchYX`XYW]a U`Zcfa "

**tel** : cf'9"%\* ( `bi a VYfg'h]g'gY`YWg'h\Y`Ybh]fY`gh]b[ `

```
source-url-for-  
message-  
regex="<regular  
expression>"
```

|                    |  |
|--------------------|--|
| <b>redirection</b> | J 7 G `jg`Ug_YX `rc`fYX]fYWhhY `WU`        |
| <b>default</b>     | 7 D@rc`fi b`jZhY`chYf`fYgi `hg`Xc`bchUdd`m |

H\Y`7 D@WU b`dYfZcfa `Z`fH\Yf`UW]cbg`VUgYX`cb`h\Ygy`fYgi`hg"5bmfYgi`hg`bcXYg

7D@9I Ua d'Y. 7U`GWYYb]b[ 'cZ5i h\Yb]WHYX1 gYfg

BchY.



```
</address-switch>  
</taa:routed>  
</cpl>
```

7D@9l Ua d`Y. 7U`GWYYb]b[ '6UgYX'cb'8ca U]b

BchY.sMci `WU b `Wt bZ[ i fY `h.]g`VY\Uj ]cfi g]b[

7D@

```
<reject status="403" reason="Denied by policy"/>
</address>
```

```
<failure>
```

```
<!-- General catch-all failure handler for all other error resN
```

@85D'GYfj Yf'7 cbZ[i fUh]cb Zcf'8Yj ]W' 5i h.Ybh]W]h]cb

H.Y'J 7G'Wb VY WcbZ[i fYX'hc 'Ui h.Ybh]W]h' XYj ]W'g'U[ U]bghUb'<" ) \$X]fYVWcfmgYfj ]W'cb Ub'@85D'gYfj Yf'

H.\]g'gYW]cb'XYgW]VYg'\ck' hc.

s Xck b'cUX h.Y'gWYa Ug'h.Uha i ghVY']bghU'YX'cb

s% CdYb'i d'h.Y'5Wij Y'8jfyWcfml gyfg'UbX'7ca di hYfg

s 𐌸𐌹𐌺𐌽𐌺𐌹𐌶𐌺𐌹

s% 7 FYUHY 'Ub 'id:£ Z] Wkk ]h 'h.Y'Zc`ck ]b[ '



HY@fi

W

@

fj

## 8BG'7cbZ[i fU]cb'9l Ua d`Yg

H\jg'gW]cb'[j] YgYl Ua d`Yg'cZ8BG'WcbZ[i fU]cb'i g]b[ 'A]WcgcZ8BG'GYfj Yf'UbX'6-B8'; / '-"

H\YgY'Yl Ua d`Yg'g\ck \ck'hc



s% @c[ ]b'hc'hY'

DUggk cfX'9bWfndh]cb

5`dUggk cfXg`WbZ][ i fYX'cb`h.Y'J 7 G`UfY'gfcfYX

DUHf'fb'A UHfX]b[ 'J Uf]UV`Yg

HfY'J 7G'a U\_Yg i gY'cZdUHf'fb'a UHfX]b[ ]b'U'bi a VYf'cZ]hg'ZYUhi fYgž'bUa Y'm5`ck '@]ghg'UbX 8Ybm@]ghgždfY! gYUfW!

Ghf]b[

F YdfYgYbrgj Ui Y fYh fbYX Vn''''

GYfj JW#  
Z bWjcb

Di fdcgY

cb  
J 7 2 0 8 9 1



GYfj ]W#  
Z bW]cb

Di fdcgY

J 7 G'dcfhfKYZJi`H 8]fYW]cb 7cbZ[ i fUV`Y`

GYfj ]VW#  
Z bWqcb

Di fdcgY

J 7 G'dcfhfXYZJi`hŁ

8]fYWqcb 7cbZ[ i fUV`Y`j`J

A i`hjd`YI`YX`  
hfUj`YfgU`  
a`YX]U`  
f5ggYbtz`  
<"(\*\$"%`  
a i`hjd`YI`YX`  
a`YX]UŁ

Dcfhgi`gYX`Zcf`a i`hjd`YI`YX`a`YX]U`]b`  
hfUj`YfgU`W`"g"FH`D`UbX`F`H7`D`a`YX]U`  
XYa i`hjd`YI`]b[`dcfhg`UfY`U`cW`hYX`Z`ca`  
h`Y`g`h`f`h`c`Z`h`Y`hfUj`YfgU`a`YX]U`dcfhg`  
fUb[`Y"

Cb`bYk`]bghU`U]cbg`cZL,`"%cf`U`hYfz`h`Y`  
XYZJi`h`a`YX]U`hfUj`YfgU`dcfhfUb[`Y`]g`  
'`\*`\$\$\$`hc`)-`-`-`-`z`UbX`]g`gYhcb`h`Y`J`7`G`  
7`cb`h`c`f`7`cb`Z`[`i`f`U`h`c`b`2`@`W`N`cb`Y`g`  
2`+`f`U`j`Y`f`g`U`G`i`V`nc`b`Y`Ł`+`@`U`f`[`Y`J`7`G`  
9`I`d`f`Y`g`g`k`U`m`i`g`n`g`h`Y`a`g`h`Y`Z`f`g`h`%`&`d`c`f`h`g`]`b`  
h`Y`f`U`b`[`Y`h`g`

GYfj ]W#  
Zi bW]cb

Di fdcgY

J 7 G'dcfhfKYZJi`h

8]fYW]cb 7cbZ[ i fUV`Y j ]U

Bcb!  
a i`hd`YI YX`  
a YX]U'dcfh  
fUb[ Y

FUb[ Y`cZdcfng`i gYX`Zcf`bcb! a i`hd`YI YX`  
a YX]U" Dcfng`UfY`U`cW]hYX`Zca`h`g`  
fUb[ Y`]b`dU]fgzk`]h`h`Y`Z]fghdcfhi

FYa ch'@ghyb]b[ Dcfrg

H\YgY'



|   |          |                         |                                     |
|---|----------|-------------------------|-------------------------------------|
| Di fdcgY                                | DfchcWc` | J 7 G'7 cbfrc` fgcj fWŁ | ħYfbU`8Yj ]W Dcfr#F Ub[ Y           |
| <HHD' dfcl mifGC5DŁ                     | H7 D     | 9d\Ya YfU`dcfh          | , (( ' fA sJbX'DfYgYbW`<br>GYfj ]WŁ |
| <HHD' fWcbZ[ i fUh]cb'Z`Y fYhf]Yj UŁ    | H7 D     | 9d\Ya YfU`dcfh          | * - +\$'fl b]Z]YX'7 A Ł             |
| 7 I 7 'fj c]Wfa U]Ł                     | H7 D     | 9d\Ya YfU`dcfh          | (( ' fl b]mi7 cbbYW]cbŁ             |
| A YggU[ Y'K U]h]b[ 'ħX]WUhc'fA K ŁZfca` | H7 D     | 9d\Ya YfU`dcfh          |                                     |
| I b]mi7 cbbYW]cb                        |          |                         |                                     |



Di fdcgY

DfchcWc`

9X[ Y'gYfj Yf

@nbW





FY[ i`Uf

R G[ b]Z]Yg'hY'ghUfncZU''bY"

[^abc]'a UH\X\Yg'Ubm]b[ YUf

UfV\Y m K \Yb'i gYX'ja a YX]UH'mUZhf'Ub'cdYb]b[ '  
UfUWz'bY[ UhYg'bfY'WX UfUWYUgYh]bg]XY'hY'  
VfUW"

Gi ddcfHYX`

7U`



5`Ufa g

5`Ufa g'cVW f'k \Yb`Ub`Yj Ybhcf`WcbZ[ i fUjcb`WU b[ Y`Ug

8

HjY

8YgW]d]cb



8

H]hY

8YgW]dh]cb

| ⊖        | H]hY                            | 8YgW]d]cb  | Gc`i h]cb                     | GYj Yf]hm |
|----------|---------------------------------|--|-------------------------------|-----------|
| &) \$\$& | 8UH' UbX'hja Y`<br>bchj U]XUHfX | H\Y'gng]hYa` ]gi bUV`Y'lc`cVHU]b`h\Y`Wc`ffYVW`<br>hja Y`UbX`XUH'Zfca`Ub`BHD`gYfj Yf                  | 7\YV`h\Y`hja Y`WcbZ][ i fU]cb | K Ufb]b[  |
| &) \$\$' | ⊖ WcbZ][ i fU]cb`<br>a ]ga UHfX | ⊖`dfc]cWc` ]g`gYhlc`Vch`⊖j ( `UbX`⊖j`*z`<br>Vi`h\Y`gng]hYa`XcYg`bch\Uj Y`Ubm`⊖j ( `UXXfYggYg`XYZ]bYX | 7cbZ][ i fY`⊖`                |           |

8

H]hY

8YgW]dh]cb

Gc'i h]cb

GYj Yf]lm

&) \$%- J YfVcgY`c[ `Yj Y`g`  
WcbZ] i fYX

CbY`cf'a cfY'a cXi `Yg'cZH Y BYtk cf\_`@c[ `cf`Gi ddcfh@c[ `UfY`gYhlc`U`Yj Y`cZ8YVi [ `cf`HFUW

BYtk cf\_`@c[ `UbX`Gi ddcfh@c[ `a cXi `Yg'g\ci `X`VY`gYhlc`U`Yj Y`cZ`bZcZ`

8

H]hY

8YgW]d]cb

Gc`i h]cb

GYj Yf]m

' \$\$%&

@]W]bgY i gU[ Y`  
cZ`cghWi ghYf`  
dYYf

7`i ghYf`dYYf`Ob2`Ug`VYYb`i bUj U]UV`Y`Zcf`  
a cfY`h`Ub`Ob2`ci fg`"fg`]W]bgYg`k`j`VY`

8

H]hY

8YgW]dh]cb

8

HjY

8YgW]d]cb

Gc'i h]cb

GYj Yf]m



8

HjY

8YgW]d]cb

Gc'i h]cb

GYj Yf]m



8 H]hY

8YgW]dh]cb

Gc'i h]cb

GYj Yf]lm

(\$\$' - 8Y`Y[ UH`X`  
WYXYbh]U`  
WX`YW\_]b[ `

8

HjY

8YgW]d]cb

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8

HjñY

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GYj Yfjlm



8 H]hY 8YgW]dh]cb  
) ) % \$ % 6 & 6 I 5 ' 8 j U ] X J 7 G  
a ] g W t b Z [ i f U h ] c b

Gc'i h]cb

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8

HjñY

8YgWjdhcb

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GYj Yfjlm

7 ca a UbX'FYZYfYbWV' l 7 cbZ[[ i fU]cb

H\Y'xConfiguration'



5Xa ]b]ghfU]cb'

5dUVXYA cXFYeHja YCi h5dUVXY\YUXYf. '0\$ 1& 2  
A cXJZg'hY'bi a VYf'cZgYWcbXg'hUhihY

**W K V**

5dd`jWUhcbg'DfYgYbW'GYfj Yf'A cXY. 'OCb#CZZ

9bUV'Yg

5i h.YbhjWlhcb`



5i h\Ybh]W]h]c b'5VWt: bh5Xa ]b: fci d'Q%'bQB Ua Y.'OG. '\$Z%&, 2

HY

5i hYbhjVWhcb'<' ) \$'6]bXDuggk c fX.

5i h\YbhjWlhjcb'<' ) \$'A cXY. 0Cb#CZZ

9bUVYg'cf'X]gUVYg'



5i h\Ybhj\WUhc b'Ghfj\WUggk c fX'A ]b]a i a 7`UggYg.'O\$""( 2

H\Y'a ]b]a i a 'bi a VYf'cZVXUFUWYf'WUggYg'h Uha i ghVY'dfYgYbh'H\Yfy'Ufy Zci f'VXUFUWYf'WUggYg.'X\$]1z75j0YfE7U8Tz/EB Y0'W0gYF  
UbX'gdYVWU""l gY h.]g'gYH]b[ ]Znci 'k Ubhtc

6UbXk JXh\ '8ck bgdYYX 'HcHJ' A cXY. 'OCb#CZZ2



7c``UVcfUhc9X[ Y>UVVYfWdfcl nDfchWt`.sD\Htd#Ahdg2

GY`YWg`h.Y'dfchWt`i gYX'hc'dfcl m>UVVYf; i YghgYfj ]Wg'fYei Ygfg'h.fci [ \`h.Y`J 7G"

9l Ua d`Y. **xConfiguration JabbercProxyProtocol: https**

7c``UVcfUhc9X[ Y GGCsxD`O]bXYI 2'8][ YghsOg\U%#g\U& \* 2

8BG'DYf8ca UJbGYfj Yf'Q%) Q8ca UJb& 'OG: '\$ž' - 2

9ffcFfYdcfhA cXY. 'OCb#CZZ

8YHfa JbYgk \YH.Yf'XYHU]g'cZUdd`]WU]cb ZU]i fYg'UFY'Ui lca UH]WU`mgYbhiWURk YV'gYfj JW""8YZU' h'CZ'

9l Ua d'Y. **xConfiguration ErrorReport Mode: Off**

9ffcFfYdcfhDfcl m'OG. '\$Z%&, 2

5b'cdh]cbU'dfcl mgYfj Yf'hc'i gY



<' &' ; UHY\_YYdYfH[a YHc@j Y.'0\*\$""\*)' ( 2

H\Y ]bHYfj U`f]b`gYWzbxgE.Uhk \]W\ Ub`



hYfk cf\_]b[ 'FYei ]fY'bj ]hY'<YUXYf'A cXY.'OCb#CZZ

7 cblfc`g`k \Yh.Yf'hY`G-D'hc`<" &' ]bYfk cf\_]b[ 'Z bW]cb`gYbXg`Vta "HubXVYf["gXd"Xi c"YbUV`Y`UbX`Vta "HubXVYf["gXd"VZM"i Xd ]b`





@c [ 'GmgjYa A Yhf]Vg BYtk cf\_ '5XXfYgg. 'OG. '\$Z%\$&( 2  
9bYf' h.Y UXXfYgg' cZ h.Y ``]ghYb]b[ ' `



@ [ ] b Gci fW'

A UbU[ Ya YbhGYgg]cb'A Ul 7 cbW ffYbhGYgg]cbgl gYf. 'O\$''\*)' ) 2

H\Y'bi a VYf'cZW'cbW ffYbhGYgg]cbg'h.UhYUW' ]bX]j ]Xi U'UXa ]b]gfU'cf'UW'bi bh]g'U`ck YX'cb'h\Y'gn]Ya "H\]g]bWi XYg'k YVZ

Dc`]Vn5Xa ]b]ghfUhc fDc`]VnGYfj ]W' GHUhi g'DUH. 'OG. '\$""&) 2

GdYVZ]Yg'hY'dUH.





Dc`]VnGYfj ]Wg'GYfj ]W'0%&\$QDfchcWt`.'



FY[ ]ghfUh]cb'FYghf]W]cbDc`]VhGYfj ]W' DfchcWt`:`

FYa ch'Gmg`c[ `0%“(QA cXY. `OVgX#YhZ#YhZSgYW fY# gYfSXYZ]bYX2  
GY`YWtA

G-D 5i h\YbhjWjhcb'BH@A 'A cXY.'OCb#CZ#5i hc 2

G-D'A YX]UFci h]b[ '7 9'A cXY. 'OCb#CZZ2

7 cblfc`g

G-D FY[ ]ghfUhc b GhUbXUfX'FYZFYg\`A Ul ]a i a . 'O' '\$""+&\$2

HY'a Ul ]a i a 'U`ck YXj Ui Y`Zf





G=Đ H7 D'Ci H'ci bX'Dc fhGHUfh'0%\$&(''\*)' ( 2

GdYWZyg'hY'ck Yf'dcfh]d'h YUub[Y'hc VY'i g'X'Vmci H'ci bX'H7 [XH

G-D'H@G'Dcfh'0%\$&(''\*)' ( 2

GdYWZYg'hY''gYb]b[ 'dcfhZf']bWta ]b[ 'G-D'H@G'W'g"8YZUj'h) \$\*%"

9l Ua d'Y. **xConfiguration SIP TLS Port: 5061**

G-D'I 8D'A cXY. 'OCb#CZZ2

8YHfa ]bYg'k \YH.Yf']bWta ]b[



HfUbgZcfa '0%""\$QDUHfYfb '6Y\Uj ]cf. 'OGHfd #F Yd`UW2  
<ck 'h.Y 'U']Ug']g'a cX]ZYX"

HfUj YfgU`A YX]U DcfhGHUfh`0%\$( ""\*) )' &2

: cf`hfUj YfgU`WU`gfk \YfY`hY`J 7G`hU`Yg`hY`a YX]U`Ug`k Y``Ug`hY`g][ bU`]b[ lz`gdYWVZ]Yg`hY`ck Yf`dcfh]b`hY`fUb[ Y`he`i gy`Zf`hY`  
a YX]U`Dcfhg`UFY`U`cWUHYX`Zca`h`]g`fUb[ Y`]b`dU]fgz`hY`Z]fghcZYUWX`VY]b[ `Yj Yb`H`i g`hY`fUb[ Y`a`i ghgUfhk`]h`Ub`Yj Yb`bi`a VYf`  
8YZJi`h` \*\$\$\$"

9l Ua d`Y. **xConfiguration Traversal Media Port Start: 36000**

HfUj YfgU`GYfj Yf`<' &'`5ggYbh7U`G][

HfUj YfgU`GYfj Yf`HI FB`DcfrF Ub[ YGHJfh`O%\$&(''\*)' (2

H\Y`ck Yf'dcfh]b'hY`fUb[ Y'i gYX`zf`





NcbYg

NcbYg@cWVNcbYGiVNcbYgGiVNcbYQ6""\$\$Q5i h\Ybh]WU]cb'A cXY.  
08cBch7\YW\_7fYXYbh]U'g#fYUf5g5i h\Ybh]WU]hX#7\YW\_7fYXYbh]U'g2

7cbfc`g\ck`h.Y'J7G'Ui h\Ybh]WU]Yg]bWta ]b[ `a YggU[ YgZca`h.]g'gi VncbY UbX'k \YhYf`h\YmUfY'gi VgYei YbhmfYU]hX'Ug'  
Ui h\Ybh]WU]hXzi bUi h\Ybh]WU]hX'cf UfY'fY'YVhX" h\Y'VY\Uj ]cf'j Uf]YgZcf'<" &' `a YggU[ Ygz'G=D`a YggU[ YgUfY

NcbYg

NcbYg@cW'NcbY HfUj YfgU'<' &' H7DDfcVY'FYfmbhYfj U.'O%""\*))' (2

GYfg' b'Y'Z'g'W'k'V'f'j' b'g'W'c'b'X'g'k' J'h'k' \J'W' 'f'U'j' Y'f'g' U' 'V' 'h' 'f'g' 'f' 'x' 'd' 'c' 'j' 'o' 'n' 'g' 'T' 'Y' [ 'j' 'g' 'Y' 'f' 'Y' 'X' 'X' 'j' 'f' 'Y' 'W' 'h' 'k' 'J' 'h' 'k' 's' '7' 'g' 'k' ] - 'g' 'r' 'b' 'X' 'U' 'H' '7' 'D' 'd' 'f' 'c' 'V' 'Y' ""  
8YZJi 'h' &""

9l Ua d'Y. xConfiguration Zones LocalZone Traversal H323 TCPProbe RetryInterv

v

NcbYg`Dc`]WnA cXY. OGYUFWFi `Yg#8]fYWtc fm2

HY`

NcbYg`Dc`]WnGYUfVXFi`Yg`Fi`Y`Q%""&\$\$QDUHfYfb`HndY.`09l`UW#DFYZl`#Gi`Zl`#FY[`Yl`2

<ck`h`Y`dUHYfb`gff]b[`a`i`ghia`UW`h`Y`U]Ug`Zc`f`h`Y`fi`Y`hc`VY`Udd`]YX""fBdd`]Yg`hc`5`]Ug`DUHYfb`A`UW`a`cXY`cb`mL`8YZJi`h`DfYZl`"

9l`UW`h`Y`Yb]fY`gff]b[`a`i`ghYl`UW`ma`UW`h`Y`U]Ug`VX`UfUWYf`Zc`f`VX`UfUWYf"

DfYZl`. `h`Y`gff]b[`a`i`ghUddYUf`Uh`h`Y`VY[`]bb]b[`cZ`h`Y`U]Ug"

Gi`Zl`. `h`Y`gff]b[`a`i`ghUddYUf`Uh`h`Y`YbX`

NcbYg`Dc`]WnGYUfWFi`Yg`Fi`Y`0%&\$\$QHuf[ YhBUa Y.`OG.`\$2) \$2  
H\Y`ncbY`cf`dc`]WngYfj]W

NcbYg`NcbY`Q%`%\$\$\$Q8BG`G-D`A`YX]U`9bWfndh]cb`A`cXY.`OCZZ#Cb#6Ygh9ZZc`fh#5i`hc`2

HY`a`YX]U`YbWfndh]cb`dc`]Wfndh]YX`Vmi`Y`J`7`G`Z`f`G-D`



NcbYg`NcbY`0%`%\$\$Q8BG`G`D`I 8D`6: 7D`: ]hff`

NcbYg'NcbY'Q%\$\$\$QBY][ \Vcf'

NcbYg

NcbYg'NcbY'Q%""\$\$\$QBY][ \Vcf'G-D'A -A 9'Ghf]d'A cXY.'0Cb#CZZ

NcbYg`NcbY`0%""\$\$SQBY][ \Vcf`G=D`F: 7' ' &+

NcbYg'NcbY'Q%""\$\$\$QBY][ \Vcf'G][ bU]b[ Fci h]b[ 'A cXY.'05i hc#5'k Ung2

GdYWZyg\ck 'hY'J 7G\UbX'Yg'hY'g][ bU]b[ 'Zcf'WU'g'hc'UbX'Zca 'h]g'bY][ \Vcf"8YZJi 'h'5i hc"

5i hc.'G][ bU]b[ 'k ]' 'VY'hu\_Yb'

NcbYg`NcbY`0%\$\$\$QHfUj`YfgU`7`]Ybh<`&`Dc`fh`0%\$&(`""\*)`'(2  
H\Y`dcfhcb`H\Y`HfUj`YfgU`gYfj`Yf`Hfi`h

NcbYg'NcbY'Q%\$\$\$Q



NcbYg`NcbY`0%""\$\$SQHfUj YfgU`GYfj Yf`F`Y[ ]ghfUh]cbg. 05`ck #8Ybn2  
7 cblfc`g`k \Yh.Yf`dfcl ]YX`G=Ð

NcbYg'NcbY'Q%""\$\$\$QHfUj YfgU'GYfj Yf'H7DDfcVY'?YYd5'j] Y-bhYfj U'.Q%""\*)' (2

GYfg'hY']bhYfj U'f]b'gYVcbXgk ]h'k \]W'hY'fUj YfgU'W]Ybhk ]'gYbX'U'H7D'dfcVY'hc'hY'J'7G'cbW'U'W'']g'YghU'V']g\YXz]b'cfXYf'  
hc'\_YYd

## 7 ca a UbX FYZYfYbWV` l 7 ca a UbX

H\Y`xCommand` [ fci d`cZWt`a a UbXg`UfY i`gYX`hc`UXX`UbX`XY`YH` ]h`a g`UbX`]ggi`Y`gng`h`a`Wt`a a UbXg"

H\Y`Zc`ck`]b[`gYW`]cb`]ghg`U`h`Y`W`ffYbhmUj`U]UV`Y`xCommand`Wt`a a UbXg"

Hc`]ggi`Y`U



5Xg8V5XX

5XXgU'byk `5Wlj Y`8]fYVtcfrmgYfj Yf"

5Wlj Y8]fYVtcfrn5XXfYggffL`OG.`\$Z - 2

H\Y`UXXfYgg`cZU`Xca UJb`Vc`bfc``Yf`h.UhVWb`VY`i`gYX`k` \Yb`h`F

5`ck @gh8Y`YHY`

8Y`YHYg`Ub`YbhfmiZca`h`y`5`ck`@gh` Y h f

5`ck @ghXffL`O%`&) \$\$2`

H\Y`]bXYI`cZHY`Ybhfmi`VY`XY`YHYX`

9l`Ua`d`Y.`xCommand`AllowListDelete`AllowListId: 2

6cch`

FYVcc`h`h`Y`J`7`G`

H\jg`Vta`a`UbX`\Ug`bc`dUfUa`YHYfg`

9l`Ua`d`Y.`xCommand`boot

Vc`7`Y`W`6`UbXk`]Xh`

5`X]U[bcgh]Wtcc`h`UhfYh`fbg`h`Y`gh`g`UbX`fci`fY`fUg`U`]ghcZbcXYg`UbX`]b\_g`h`U`U`W`cZ`h`Y`gd`Y`W`Z`Y`X`hml`Y`UbX`V`UbXk`]Xh`k`ci`X`  
hU`\_`Y`VY`k`Y`b`k`c`bcXYg`B`c`Y`h`U`h`h`jg`Vta`a`UbX`XcYg`bch`W`Ub[`Y`U`bm`YI`]gh]b[`gng`Y`a`V`b`Z[`i`fU]cb`

BcXY%ffL`OG`%z) fi F i U X % ž



8YZUj`h@b\_g5XX`

FYgfcfYg`]b\_g'VYfk YYb`





8ca U]b5XX`

5XXg`

9l h5ddGHUhi g5XX`

5`ck g'UbchYf'Udd`]WUjcb'fi bb]b[ `cb'hY'J 7G'hc'UHUW'1 g'Uhi g'hc'hY'J 7G'LB      ' h





@]b\_5XX`

5XXg'UbX'WcbZ[ i fYg'U'byk ``]b\_``

@]b\_BUa YffL: 'OG. %z) \$2`

5gg][ bg'U'buA Y'hc'h'g``]b\_``

BcXY% 'OG. %z) \$2`

GdYV]ZYg'hY`ZfghncbY'cf'gi'VncbY`



CdHcb? Ym5XX'

5XXg





FYa chYGrng`c[ 5XX

5XXg

FYghUfn

GYUfWFi `Y8Y`YhY`

8Y`YhYg`U`gYUfW`fi `Y`"

GYUfWFi `Y`XffL`O%`&\$\$2`

H`Y`]bXYI `cZ`h`Y`gYUfW`fi `Y`h`VY`XY`YhYX`"

9| Ua d`Y. **xCommand SearchRuleDelete SearchRuleId: 1**

G`D`F`ci`hY5XX

G=DFci H8Y`YH`

8Y`YH`g`Ub`YI` ]g]b[ `G=D`fci`H`z]XYbh]ZYX`Y]H`Yf`VmH`Y`gdYV]ZYX`]bXYI` `cf`HJ[ ``

BchY. `h.]g`Vta` a` UbX`]g]bH`bXYX`Zf`XY]`Y`cdYf`i` gY`cb`n`

G]dFci`H`X. `O%`&\$2`

H`Y`]bXYI` `cZH`Y`G=D`fci`H`H`VY`

Gi VNcbYA Ya VYfg\JdFi `Y5XX`

5XXg`

HfUbgZc fa 5XX'

5XXgXXg





K Ufb]b[ F U]gY'

F U]gYg'U'k Ufb]b[ ""

B chY. h.]gVca a UbX ]g]bHYbXYX Zcf XYj Y'cdYf'i gY'cb'nf'

K Ufb]b[ -8 ffL 'OG.' \*z' \*2'

H\Y k Ufb]b[ '-8''

K Ufb]b[ HYI fffL 'OG.\$z&)) 2'

H\Y XYgW]d]cb'cZH Y'k ]b[ ""

9l Ua d'Y. 'xCommand

] I189[6

ffL

R\W K 6

] I189[50

ffL

H R\W 889[626

XY

---

NcbY8Y`YhY`]U`

8Y`YhYg`U`ncbY`"

NcbY`XffL`O%`%\$\$\$2`

H`Y`]bXYI`cZ`h`Y`ncbY`lc`VY`XY`YhYX`"

9| Ua d`Y. **xCommand ZoneDelete ZoneId: 2**

NcbY@]gh`

5`X]U[bcg]Wlcc`h`UhfYh`fbg`h`Y`"]ghcZncbYg`f[ fci dYX`Vmdf]cf]mt`h`Uhk ci`X`VY`ei`Yf]YXz`UbX`Ubmif`Ubgz`fa`g`h`Uhk ci`X`VY`Udd`]YXz`  
]b`U`g`Y`UfW`Z`f`U`[]]`Yb`U`]Ug`"

B`c`Y`h`U`h`h`]g`W`a`a`UbX`XcYg`bchW`Ub[`Y`UbmYI`]g]b[`

## 7 ca a UbX'FYZYfYbW' 'l GHUhi g

H\Y'xstatus'[ fci d'cZW'a a UbXg'UfY'i gYX'hc'fYh'fb']bZcfa Uhjcb'UVci hH\Y'W'ffYbhighUhi g'cZH\Y'gngH'a "'9UW'xstatus'  
Y'Ya Ybh

s <UfXk UfY

s ~~dhUV`YgUWVWdhYXfi`Y~~

s ~~dhUV`Ygfi`Y~~

s @jVWbgY

s



DUFUa YHYf'bUa Y

J U'i Yg

FY[ ]ghUjcb GYUFW  
Dc`jWn fi `Yg

8YZUi `h7 D@Zcf`Dc`MriGYfj ]WYg

K \Yb WcbZ[ i f]b[ `Udc`]WngYfj ]Wznci `WUb`gdYWZmHY`8YZUi `h7 D@hUh]gi gYX`Vmih.Y`J 7 G ]ZHY`gYfj ]W ]g bch  
Uj U]UV`Y"

HY`8YZUi `h7 D@Zcf`fY[ ]grfUh]cbg





F: 7 8YgWjdjcb

'%\*( H\Y'

F: 7 8YgW]d]cb

)%\$( 7cXYW7cbfca`A YggU[ Yg]b`h\Y`FHD`5i X]c! J ]gi U`DfcZ]Y k ]h : YYXVUW\_ fBJ D: L`HYa dcfUfmA UI ]a i a`  
A YX]U`GhfYUa `6]hfUH`FYei 1

GcZrk UfY`J Yfg]cb`< ]ghc fm

H\]g`gYW]cb`gi a a Uf]nYg`ZYUhi fY`i dXUhg`h`Uh`Uj`Y

H\Y J 7 G XcYg\hY hfUbgWtX]b[ cZ\hY A ]WfcgcZhFYa chY 8Yg\_rcd DfctcWt`ff 8Dtžcf][ ]bU]b[ žfca hY`



<ck WUb`đ gY`h.jgXUHU3



: YUH fY #VXUb[Y

9Ufma YX]U

L, ") ""

Gi ddcfHYX

L, ") "&fk ]H\XfUk bE L, ") "%

L, ")







H\Y'J 7 G'9l dFYggk Umifl ghg'h\Y'xDžgc

: cf

H\YfY `]g`U`gc `Ub`cdh]cb`hc`



s H\Y'8BG`cc\_j d hcc`U`ck g'mci 'hc'gY`YWhk \]W'8BG'gYfj Yfg fZca 'h\Y`WcbZ[ i fYX'gYhcZXYZJi `h8BG'gYfj Yfgk  
hc'i gY Zcf h\Y`cc\_j d"

s H\Y`Ui hca UH\X'





s J 7 G X Y Z b Y g U b U i X c ! c b m G D W U g c b Y h U h k U g b Y [ c h U h X k ] h U g j b [ Y a 1 ] b Y ] b h Y G 8 D

s A U]bhYbUbW' a cXY' Wb VY Wc bZ[ i fYX j ]Wk Y'k YV ]bhYfZUW' fA U]bhYbUbW' 2'A U]bhYbUbW' a cXYE'  
s H\Y'A ]WcgcZn@bW6&6I 5'gi ddcfng'a i 'hd'Y HI FB' gYfj Yfg" d ``gž  
6H 5 H\Y'@bW6&6I 5'ghUhi g'dU[ Y'bck 'g\ck g'hY'bi a VYf'cZUW'hj Y WU'gž'UbX'fYgci fW' i gU[ Y'Ug'U'dYfW'bhU[ Y'cZ  
hY'bi a VYf





GmgHya 'gYW f]mYb\UbWfa Ybtg

- s Mti 'WJb' bck 'WcbZ[ i fY ZfYk U'' fi 'Yg'hc 'Wcbfrc' 'UWfYgg'hc 'h.Y' J 7 G 'Uhih.Y' 'D''Yj Y'' Mti 'WJb. ''
- s gdYWZmih.Y'gci fWf 'D' UXXfYgg'gi VbYhZfca 'k \JW

s 7cfY'Xi a d'



DfYj ]ci g`mH]g



5 Ufa g

FY`UHx'8cW a YbHhcb

HV Zc`ck ]b[ 'HUVY`]ghg'XcW a Ybhg'UbX'k YV





@Y[ U`Bch]Wg

⊖hY`YWñ U`DfcdYfmF][ \hg



7]gWt '@Y[ U` bZcfa Uh]cb

H<9GD97 = 7 5HCBG'5B8'8: CFA 5HCB'F9; 5F88: 'H<9DFC8I 7HG'8 H<G'A 5BI 5@5F9GI 6>97HHC'7<5B; 9'  
K #<CI HBCH79" 5@@GH5H9A 9BHGž'8: CFA 5HCBž'5B8'F97CAA 9B85HCBG'8 H<G'A 5BI 5@5F9'69@9J 98'  
HC'69'577I F5H9'6I H'5F9'DF9G9BH98'K #<CI H'