



## MODL5116

5Xj UbWX'7 cbZYfYbWV' ðhYfdFYh]b[

GYa YghYf'C bY''##'&\$%

7 ci fgY`Cj Yfj JYk

`GHUZZ7cbhUW`i8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWUjcb	D\cbY
GUbXfU`<U`Y	g"\U`Y4 i bgk "YXi "Ui	Hi YgXUmg %%\$!% .\$\$	A cfj Yb`6fck b &\$+	Z`*%&`-' , ) %&+-

`Hi hcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWUjcb	D\cbY
A Uf[ chGY`][ a Ubb	a "gY`][ a Ubb4 i bgk "YXi "Ui	H65	H65	H65
<cb[ Vc`f6cf]gk G\Uc	\cb[ Vc" g\Uc4 i bgk "YXi "Ui	H65	H65	H65
Gcd\]U`F U	g"fU4 i bgk "YXi "Ui	H65	H65	H65
7Y`]bY` ; i Yf]b	VW`]bY"[ i Yf]b4 i bgk "YXi "Ui	H65	H65	H65
9`YbU`A _\Uj`_	Y"a _\Uj`_4 i bgk "YXi "Ui	H65	H65	H65
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GWx`cc`7cbhUW`i`bZcfa Uhjcb

GWx`cc`cZ<i a Ub]hYg`UbX`@Jb[ i U[ Yg

@cWUjcb. `GWx`cc`C Z]WZ`A cfj Yb`6fck b`6i ]X]b[ Z`@Yj Y`&Z`& ,

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D\cbY. `Z`\*%&`-' , ) `\*% , %

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9a Uj: [\U`4 i bgk "YXi "Ui](#)

5 hY`bXUbW`F Yei ]fYa Ybhg

5`gh XYbh]g`YI dYW`X`hc`U`hY`bX`U`WUgg`W`b`hUW`i`ci fg`Zcf`U`Z]W`!`h`!Z]W`f] & : E`cf`V`Yb`XYX`W`i fgY`UbX`W`a d`Y`h`U`U`W`j ]hYg`Zcf`U`V`Yb`XYX`cf`Z`m`cb`]bY`W`i fgY"

5`gh XYbhk \c`Uff]j Yg`a cfY`h`Ub`%`a ]bi hYg`U`hY`a UmVY`dYbU`]gYX`Zcf`bcb!U`hY`bXUbW`"Zgi W`U`dYbU`m`]g`ja dcgYXZ`hY`gh XYbhia i ghVY`]bZcfa YX`j YfVU`m`Uh`hY`YbX`cZ]WUgg`UbX`UXj ]gYX`]b`k`f]h]b[ `k`]h`]b`&(\`ci fg"

ZU`gh XYbhYI dYf]YbW`g`]`bYggZ`a ]gUXj Ybh fy`cf`chYf`cW`ffYbW`h`Uha U`Yg`UVgYbW`Zca `U`WUgg`#UW`j ]mi bUj c]XUV`YZcf`YI dYW`g`hc`VY`UVgYbhZca `U`Zcf`h`W`a ]b[ `WUgg`#UW`j ]mZ`h`Ymg\`ci `X`gY`\_`dYfa ]gg]cb`Zca `hY`7`ci fgY`5i h`cf]mZ`UbX`k`YfY`Udd`]WUV`YZ`hY`f`fYei Yghg\`ci `X`VY`UVW`a dUb]YX`VmUb`cf][ ]bU`cf`W`f]Z]YX`W`dmcZU`a YX]W`W`f]Z]W`h`cf`chYf`Zca `cZUdd`f`d`f]U`h`Yj ]X`YbW"

5`7`ci fgY`5i h`cf]ma UmYI W`gY`U`gh XYbhZca `WUggYg`cf`UW`j ]hYg`Zcf`i d`h`c`bY`a`cb`h`<`ck`Yj`YfZ`h`Ym

a UmUgg][ b'UXX]hcbU`UbX#cf'U'HyfbUhj Y'hUg\_g'hc'Ybgi fY'Wca d']UbVW"'5'7ci fgY'5i h'cf]mWcbg]XYf]b[ 'hY  
[ fUbh]b[ 'cZUVgYbW' a i ghVY'gUh]gZYX'U'ghi XYbhk ]''gh''VY'UV'Y'hc'a YYZ

7 ci fgY'8YHJ]`g

7 fYX]hDc]bHg '\*`

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

þ`h]g`Wci fgYžmci `k ]`Z f`h`Yf`XYj Y`cd`mci f`a Ugh`fmcZ]bh`fbU`h]cbU`W`bZYfYbW`U`Ub[ i U[ Y`UbX`X]gWci fgY  
]b`9b[ ]g\`UbX`mci f`ch`Yf`Ub[ i U[ YžYb\`UbW`mci f`UV]`]mhc`W`a dfY\`YbX`X]ZYfYbh`mdYg`cZ`W`a d`Yl`c`fU`  
h`Yl`hg`h`md]WU`cZ]bh`fbU`h]cbU`W`bZYfYbW`g]b`V`ch`U`Ub[ i U[ Ygž`U`W`ei ]fY`UXj`UbW`X`g]a i`h`UbYci`g`]bh`fd`fY`h]b[  
g\_]`gž`UbX`dfcXi`W`h`Uf[ Y`h`Ub[ i U[ Y`fYbX]`h]cbg`]b`h`Y`Udd`fcd`f]U`h`fY[ ]gh`f`g"5XX]`h]cbU`nž`mci `k ]`Y`U`fb  
U`Vci`h`h`Y`fYgi`h`g`cZ`fY`Yj`Ub`h`fY`gY`U`fV`h`h`U`h`W`b`V`Y`U`dd`Y`X`h`c`h`Y`U`W`ei`]g]`h]cb`UbX`XYj`Y`cda`Y`bh`cZ  
W`bZYfYbW`]bh`fd`fY`h]b[ ]g\_]`g"Mc`i`k ]`W`b`h]bi`Y`h`c`U`W`ei`]fY`fY`Yj`Ub`h`W`a`dY`h`b`W`Y`g`fY`U`h]b[ ]h`c`W`bZYfYbW`  
]bh`fd`fY`h]b[ ž]bW`X]b[ ]YZY`W`h]Y`h`Ua`k`cf`\_`UbX`h`Y`dfY`dU`fU`h]cb`UbX`i`gY`cZ]bh`fd`fY`h]b[ ]V`c`h`Y`ei`]da`Y`bh`

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C fU`dfYgYbhUHjcb`cZ fYgYUfWk`	;%\$i	&- #`\$' #&\$%`	%z) ž+
7 cbh]bi ci g`V])b[ i U` ]bhYfdYh]b[ `g_]`g UggYgga Ybh	' \$i	Bch5dd`]WUVY	%z&z ž* ž+
DfYdUfUHjcb`UbX`XY`j] YfmcZU			

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8YHU]g. 'Gh XYbHg'k ]''VY'Ug\_YX'hc'k cf\_]b'hYUa g'hc'dfYdUfY'U'a cW\_'WcbZYfYbW''H\Ymk ]''VY'fYei ]fYX'hc  
dfYdUfY'X]ZYfYbh'hdYg'cZgdYYWXYg'cb'U'W'cgYb'hc'd]VZY"[ ''Ub'cdYb]b[ 'UXXfYggZ'U'dUdYfZ'U'Wcg]b[  
UXXfYgg''H\Ymk ]''U'gc'VY'fYei ]fYX'hc'Wca d]Y'U[ 'cggUfmcZgdYWU]gYX'hYfa g'hc'VY'X]gfh]vi hYX'hc'hY  
WUgg''H\Y'fYghcZ'hY'WUgg'k ]''dfUW'W' ]bhYfdYhb[ 'hY'a cW\_'WcbZYfYbW''Gh XYbHg'k ]''VY'UggYggYX'cb  
hY'dfYdUfU]cb'cZ'hY'WcbZYfYbW'Ug'k Y''Ug'cb'hY'WcbhYbhUbx'XY'j] YfmcZ'hY]f'gdYYWXYg''H\Ymk ]''

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gh XYbng`UfY`YI dYWV`X`hc`di h`h`Y]f`bUa Yg`UbX`gh XYbhbi a VYfg`cb`Yj YfmdU[ Y`cZ`h`Y]f`Ugg][ ba Ybhg"

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

≠mci`YbWci bhYf`U`dfcV`Ya`k`Yb`U`h`Ya`dh]b[`hc`gi Va ]hmcif`Ugg][ ba Ybh`h`fci [ \`Hi`fb]h]b`z`d`YUgY`h`Y`d`cb`Y`9I`h`fb`U`Gi`ddcfhcb`-`'`,`)`''`'`%cf`Ya`U]`h`Ya`cb`[YI`h`fb`U`h`h`gi`ddcfh`i`bgk`"YXi`"Ui](#)

f`G][ b]Z]WbhmUZZYWhmci f`dYfZcfa UbWV`]b`UggYggUV`Y`k cf\_žVY`]hU`Zcfa U`YbX!cZgYa Yghf`YI Ua ]bUh]cbžU  
WUgg`hYghž`U`UVcfUhc fmi`hYghž`U`gYa ]bUf`dfYgYbUh]cb`cf`Ubmich`Yf`Zcfa`cZUggYgga`YbH`

: cf`Z`fh`Yf`XYhU]`g`]b`fY`Uh]cb`hc`GdYWU`7`cbg]XYfUh]cb`]bWi`X]b[``K`Yb`hc`5dd`mž`<`ck`hc`5dd`m`UbX  
`Gi`ddcfh]b[`8`cW`a`YbUh]cb`d`YUgY`fYZf`hc`h`Y`GdYWU`7`cbg]XYfUh]cb`k`YVgh]Y.`

[\hdg.#gh`XYbhi`bgk`YXi`"Ui`#gdYWU`!Wcbg\]XYfUh\]cb](#)



## 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" `hWUb`hU`Y`a`Ubm`Z`fa`g`z`Z`ca`'XY`]VYfUHY`WXYU]b[ 'h`UW]XYbhU`mW`dm]b[ 'Z`ca`'U`gci`fW`k`]h`ci`hUW`bck`YX[ Ya`Ybh`

I BGK ` [ fci dg`d`U[ ]Uf]ga `]bhc`hY`Z`ck`]b[ `WUHY` [ cf]Yg.

7cdm]b[ .`i`g]b[ 'hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`h`c`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`h`c`]a`U[ Yg`z`Ufh`UbX`XYg][ `b`dfc`YWg`z`Ug`k`Y`"Ug`dfYgYbhU]cbg`k`YfY`gca`YcbY`dfYgYbh`Ubc`h`Y`f`g`]XYUg`cf`k`cfXg`k`]h`ci`hW`YX]h`

hUddfcdf]UHY`dUfUd`fUg]b[ .`W`Ub[ ]b[ `U`Z`k`k`cfXg`UbX`d`fUgYg`k`Y`a`cghm`fYU]b]b[ 'hY`cf][ ]bU`g`f`i`W`fY`UbX`]bZ`fa`U]cb`k`]h`ci`hUW`bck`YX[ Ya`Ybh`H`]g`U`gc`Udd`]Yg`]b`dfYgYbhU]cbg`k`YfY`gca`YcbY`dUfUd`fUgYg`Ubc`h`Y`f`g`]XYUg`cf`k`cfXg`k`]h`ci`hW`YX]h` `hU`gc`Udd`]Yg`h`c`d`YW]b[ `h`c`[ Y`h`Y`f`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`b`Y`k`k`c`Y`z`k`]h`ci`hY`Z`Y`f`Y`b`W]b[ `UbX`U`gh`XYbh`g`ck`b`UbU`mg]g`h`c`V`f]b[ 'hY`a`U`h`f]U`h`c`[ Y`h`Y`f`

7c`i`g]cb.`k`cf\_]b[ `k`]h`c`h`Y`fg`Vi`hdUgg]b[ `c`Z`h`Y`k`cf`\_`Ug`U`d`Y`fg`cb`g`]bX]j`]Xi`U`k`cf`\_"`7`c`i`g]cb`U`gc`]bW`i`XYg`d`fcj`]X]b[ `mci`f`k`cf`\_`h`c`Ubc`h`Y`f`g`h`XYbh`VY`Z`c`fY`h`Y`Xi`Y`XU`h`z`c`f`Z`c`f`h`Y`di`f`dcgY`c`Z`h`Ya`d`U[ ]Uf]g]b[ `U`h`Ub`m`h`a`Y`z`d`U`m]b[ `Ubc`h`Y`f`d`Y`fg`cb`h`c`d`Y`f`Z`c`fa`'Ub`U`W`X`Y`a`]W`h`U`g`\_`z`g`h`U`]b[ `c`f`U`W`e`i`]f]b[ `Ubc`h`Y`f`d`Y`fg`cb`g`U`W`X`Y`a`]W`k`cf`\_`UbX`W`e`dm]b[ `]h`c`Z`Y`f]b[ `h`c`W`e`a`d`Y`h`Ubc`h`Y`f`d`Y`fg`cb`g`k`cf`\_`c`f`g`Y`Y`\_]b[ `d`U`m`a`Y`bh`Z`c`f`W`e`a`d`Y`h]b[ `U`W`X`Y`a`]W`k`cf`\_"`

hUddfcdf]UHY`W`h`U]cb.`7`]h]b[ `gci`fW`g`k`Y`W`X`U`j`Y`b`ch`V`Y`Y`b`f`Y`U`X`z`k`]h`ci`hUW`bck`YX[ ]b[ 'hY`"gY`W`e`b`X`U`f`m`gci`fW`Z`ca`k`Y`W`X`\_`bck`YX[ Y`c`Z`h`Ya`'U`g`V`Y`Y`b`c`V`h]b]YX"

8i`d`]W`h]cb`f`f`gY`Z`d`U[ ]Uf]ga`"E`gi`Va`]h]b[ `mci`f`ck`b`k`cf`\_`z]b`k`c`Y`cf]b`d`U`f`z`k`Y`fY`]h`U`g`d`fYj`]ci`g`m`V`Y`Y`b`d`fY`d`U`fY`X`c`f`gi`Va`]h`Y`X`Z`c`f`Ubc`h`Y`f`U`ggY`gga`Y`bh`c`f`W`e`i`f`g`Y`U`h`I`BGK`c`f`Ubc`h`Y`f`i`%`j`Y`fg]h`m`'`

%o

7c`f`f`Y`W`h`f`Y`Z`Y`f`Y`b`W]b[ `d`f`U`W`h]W`g.

- DUFUd`fUg]b[ `z`gi`a`a`Uf]g]b[ `z`YggUmk`f]h]b[ `UbX`h]a`Y`a`UbU[ Ya`Ybh`

- VYhYf'a UbU[ Y'mci f'hja Y


K YY_%&. '&%A Um! '&+ A Um	GYa ]bUf	HYW\,b]WU'`hcd]Wg

