

; GA!Gi ddcfh'i `"'8cVfY[c'DUghYfnU'%\$&#) ž' %! (%* '?fU_Œk a cV]`Y'Ž(, '*\$, %\$+()) ž'B=D', %' ''), *\$- 'F9; CB.'%, %\$, %' '(k k k "[ga!gi ddcfh'bYh

<u>GAH]: i ```GYfj]WY'Hcc``Zcf'GU[Ya 'GAH'!'%\$'WfYX]hg</u>





3PORT

 $\textbf{GA H]': i ```GYfj] \textbf{W'Hcc}``Zcf`GU[Ya `fl'7U`mdgcž~7U`mdgcŽ~Gž`@cWtghcž´9!; c`X`Ł`GA H'! `%$`WYYX] hg`GA H]'bYk dfcXi WhcZGU[A UghYf'HYUa `Ug`Z]fgh`cb h\Y`k cf`X`[]j Y`mci `dcgg]V]`]hm`Z ```gYfj] Wr`GU[Ya `d\cbYg`VUgYX`cb`7U`mdgc`#`7U`mdgc`Z #`7U`mdgc`Z ```gYfj] Wr`GU[Ya `d\cbYg`VUgYX`cb`7U`mdgc`#`7U`mdgc`Z #`7U`mdgc`Z ```G`#`@c7cghc`#`9!; c`X''`=hfig`h\Y`cb`m`6cl`k\]W\`gi ddcfhg`ZJgh`l G6`WtbbYh]cb`k\]W\`]g`bYYXYX`Zcf``Ub[i U[Y`W\Ub[Y UbX`fYdU]fg"`5`gc`]hfig`h\Y`cb`mYei]da Ybh`k\]W\`]g`UV`Y`hc`Z\``mfYdU]f`d\cbYg`k\]W\`Xcbfh`Yj Yb`dck Yf`CB`! fYdU]f`Vcchz YYdfca z`Z]fa k UfY`]b`U``gi ddcfhYX`d\cbYg''$

 $BCH9. \ ": cf'k cf_'k \]h\ "U"" a \ cXY"g" = bhYfbYh" WcbbYWh]cb"]g"bYYXYX"$

: YUhi fYg.

FYUX'BYhk cf_'7cXY
8]fYWn'I b'cW_'fKcbBrbYYX'hc'k f]hY'WcXY'a Ubi U'`m'z
FYghcfY'BYhk cf_'7cXY'fG]a @cW_t
D\cbY#I gYf'7cXY'I b'cW_'UbX'fYgYh
K f]h]b['bYk 'gcZhk UfY'fl6cchz':]fa k UfYz'99dfca t
GcZhk UfY'fYdU]fz'Yj Yb']Z'd\cbY'XcbBrhi fb'cb
99dfca 'fYVW'W 'Uh]cb
9a dhm'6cUfX'Z ``'dfc[fUa a]b[
@Ub[i U[Y'W\Ub[Y'f]Yfm'V]['ei Ubh]hmcZ`\Ub[i U[Y'dUW_g'Uj U]`UV'Yt

Gi ddcfhYX a cXY`g.

"7DI '7U'mdgc'.
A K 'GYf]Yg.
! 'A K '\$ | I ž
A MGYf]Yg.
! 'a m%\$\$ | ž'a m&\$\$ | ž'a m&\$ & | ž'a m&\$' | '! 'B 9K
A M7 'GYf]Yg.
! 'a m7! % ž'a m7! & ž'a m7 &! & ž'a m7 &! ' ž'a m7 &! ' a ž'a m7! (ž'a m7!) k
A MG GYf]Yg.
! 'a mG! +
A MH'GYf]Yg.
! 'a mH! & &
A MI 'GYf]U.
! 'a mJ!*) ž'a mJ!+)
A ML 'GYf]Yg.

! 'a mL!%z'a mL!%hz'a mL!%k ža mL!%k hz'a mL!&z'a mL&!&z'a mL&!&a z'a mL&!&[ž ! 'a mL!' z'a mL'!&z'a mL!) z'a mL!) a z'a mL!* z'a mL!+z

G; 'GYf]Yg. ! 'G; ' &%]ž K CBI 'GYf]Yg. ! 'K CBI 'G!%



LPPOR

SUPPOR

7DI '7U`mdgc 'Ž '.

; A 'GYf]Yg.

! ; A!%

A MGYf]Yg.

!'a m(\$\$n'!'B9K ž'a m)\$%\\'a m)\$%\

A M7 'GYf]Yg.

!'a m7!' ž'a m7!' Vž'a m7'!&ž'a m7(!&ž'a m7)!&ž'a m7)!&a ž'a m7)!&j ž'a m7)!'

A MJ 'GYf]Yg.

! 'a mJ!)) ž a mJ!) *

A ML 'GYf]Yg.

!'a mL!(ža mL)!&ž'a mL)!&a ž'a mL)!&j ž'a mL!))ž'a mL!,

A MN GYf]Yg.

! 'a mN!) ž'a mN!))

G; 'GYf]Yg.

 $! \ `G; \ ' \ \&\&]\check{z} \ `G; \ ' \ (\ \&]\check{z} \ `G; \ ' \ (\ ' \]\check{z} \ `G; \ ' \ (\ ' \]\check{z} \ `G; \ ' \ (\) \]$

J G GYf]Yg.

! 'J G! %ž' J G! '

K cbi 'GYf]Yg.

! 'K cbi 'G'

7U`mdgc'Ž'<G'.

! "A mJ \tilde{J} ") * "fbYk "7DI "i gY": cfWYX" < G"8Yj]WY" Ł

! `A mL) ! &J `fbYk `7DI `i gY' : cfWYX' < G `8Yj] WY `E

! 'A m 7) ! ' 'fl'bYk '7DI 'i gY': cfWYX' < G'8Yj]WY'Ł

! 'A m') \$%7 '#'A m') \$%7] fl'bYk '7DI 'i gY': cfWYX' < G'8Yj]WY'Ł

! 'A m'L *! & '#'A m' J + * '#'A m' \$\$L '#

! "A m"(\$\$L "#"(\$\$J "#"(\$%L "#"(\$%J

! "G; " (*]"#"JG("#"JG)

@c7cghc

A MGYf]Yg.

! 'A m%\$\$L 'fl'BYk 'D76'Ł

! 'A m&\$\$7ž'A m&\$&7ž

! 'A m&%\$L ž'A m&%&L ž'A m&%) I

! 'A m \$\$7

! "A m(\$%7 ž"A m(\$%7]

! 'A m(%%L ž'A m(%%L]ž'A m(%%J ž'A m(%%7 j

! 'A m') %%L ž'A m') %%L]

! 'A m+&%L 'flB 9K' Ł

! 'J c X U Z c b Y 'J :) & * ž 'J :) & +

9!; c`X

i.l p.cM

! 'I gYf'7cXY'FYgYh

! 'K f]hY': K

! .@np[.Mx np[]p[

! FYdU]f gYW f]hm

! FYdU]f Vcch

! 'F Yd 'U``'gk 'dfcV

! '8 Ua U[YX ']a Y] fYd

! `Dcgg]V]`]hmihc'i gY'8]ZZfYbh': H8]'=bhYfZUWYg']b'5```CdYfUh]cbg

G5; 9A .

a m%) \$Lža m&&\$Jža m&&\$Lža m&*ža m %\$Lža m&' \$J

JcXUZcbY'.

%%) ž'%%): A ž'&%) ž'&%): A ž'&&* ž'&&*: A ž'&&+ž'&&,

NH9

5') ž·5' * ž·5' + ž·5' - ž·5* %ž·5* &ž·5*) ž·5* * "·5*, ž·5* - ž·5, \$ž·%') ž·%' * 5%&ž·5%&Ž ž·5%) ž·5**

@

?; &+\$ž'?; &+%ž'?; &+) ž'?; &+* ž'?; &+, ž'?; &+I ž'?; &,) ž'?; &, , ž'?; &, - ž'?; '+\$ž'?; '+) ž'?D%\$\$ž'?D%\$) ž'?D%\$) 5ž'?D%\$) 6ž ?D%\$* ž'?D%\$* 5ž'?D%\$* 6ž'A; %* \$5ž'A; %* \$6ž'A; %* \$6ž'A; '+\$

5@75H9@`.

J @9 "@]gh".

CH'9%) +ž'9%), ž'9%) - ž'9%* \$ž'9%* %ž'9&) &ž'9&) * ž'9&) +ž'9&) - ž'9&* \$

I + '@]gh'.

 $C\,H!\,\,9\,\,^{9}\%\$''2\,\,^{9}\%\$''2\,\,^{9}\%\$''2\,\,^{9}\%\$''2\,\,^{9}\%\$'+2\,\,^{2}\,\,^{9}\%\%''2\,\,^{2}\%\$'+2\,\,^{2}\,\,^{2}\,\,^{2}\%\%''2\,\,^{2}$



3) SUPPORT

%\$\$ž'7cfU`! &\$\$

8][]VYY!6GB@;!&\$\$7:

>! A UI .

>A)+\$\$

< i Uk Y].

H%, ! H%), ž'H&\$%

?H!(\$\$ž'?H!)\$\$ž'?H!,,\$\$

<i Uk Y] GYf]Y .

!<i Uk Y]'I %%\$

!<i Uk Y]'I % \$Y

!<i Uk Y]'I %&\$g

! < i Uk Y] 1 %%%

JcXUZcbY GYf]Y

!JcXUZcbY'J+%)

!JcXUZcbY'J+%*

!JcXUZcbY'J+&\$

!JcXUZcbY'J+&)

!JcXUZcbY'J, %\$

!A HJ '' "' 'flGY`YWh'Ug'J, %\$Ł

D`i gZcb GYf]Y .

!D`i gZcb'(\$%]

!D`i gZcb * \$']

:YUhi fYg`. '!FYUX`I b`cW_'7cXY'!FYUX`D\cbY`]bZc'!5XXYX`I gYf`7cbZ]fa Uh]cb`f=Z'6U``UbWY``Ygg`h\Ub`&) '7fYX]hg`9; c`X#5`WUhY`Ł !<i Uk Y] A cXi `Y fl%7fYX]h DYf CdYfUh]cbL

7fYX]hq'bYYXYX'hc'k cf_'k]h\'d\cbYq

ffi7U`mdgc ffik cf_g j]U HD

! I b`cW_ZfYY

! `: `Ug\ `< H`&&`\$\$`\$\$`! `: fYY

 $! \ `` \ `Ug \ `cZ' < H'ch \ Yf \ 'h \ Ub \ `\&\& `$$ `$ `$ `! \ `%' \ WfYX] hg$

ffi7U`mdgc'Ž 'ffik cf_g'j]U'HD

! I b`cW_ZfYY

! `: `Ug\ `< H`&&`\$\$`\$\$`! `: fYY

 $! : `Ug \ cZ < H'ch \ Yf'h \ Ub' & . $$'$$'! '%' WfYX]h$

$ffi7\,U`mdgc\,\check{}Z\,\check{}< G\,\check{}''\,!\,\check{}'k\,\,cf_g\,\check{}j\,\,]U\,\check{}V\,W\,V\,\check{}Y\,\check{}k\,\,]h\backslash\,ci\,\,h\,\check{}h\,Yghd\,c]b\,h$

!I b`cW_'%'WfYX]h

 $!: `Ug\ `\&` WfYX]hg`fiXi f]b[`ZUg\ `d\ cbY`]g`Ui hca Uh]WU`mi b`cW_YX`Ł$

!8i f]b['i b`cW_'mci 'WWb'a U_Y'' 'cdYfUh]cbg'i g]b['%'WYX]h

fYgYh'i gYf'WcXY

fYgYh``cW_YX`Wti bhYfg

i b`cW_

$ff @c Wc ghc ff i! \ k \ cf _g \ j \] U `W U `Y `k \] h \! \ ci \ h \ h \! \ f ghd \ c] b \ h$

!I b`cW_'%'WfYX]h

fYgYh'i gYf'WcXY

fYgYh``cW_YX`Wti bhYfg

i b`cW_

$ffi9!\ ;\ c`X`ffi!\ 'cf_g'j\]U`WUV`Y`k\]h\ ci\ h`hYghdc]bh$

 $=\!\!a\ dcfhUbh```Mc'i\ a'i\ gh`\setminus Uj\ Y`UVMc'i\ bh'k\]h\setminus `Uh``YUgh'\&)' `WYX]hg'hc'i\ gY`U```9!;\ c`X`ZYUhi\ fYg'!!\ b`c\underline{W}':\ fYY$

!: `Ug\ ': fYY

!@Ub[i U[Y'dUW_'WXUb[Y': fYY

!FYdU]f cZXUa U[YX =A 9= UfYU : fYY

 $!\,6cch'fYdU]f']b''9!\,;\;c`X'!''\%'WfYX]h$



BchY.: cf'ZUg\]b['d\cbYg'k]h\:<H'ch\Yf'h\Uhilll\$\$'mci'bYYX'hc'\UjY'WfYX]hg''K]h\:YUVX'6cl'mci'[Yh'%\$'WfYX]hg'f%'d\cbY'1 %WYX]hL"5ZhYf`mcif`igY`U```WYX]hg`mci `WUb`Vim`W]FYX]hg`Uh`Ubm`h]a Y`X]fYWh`m`Zfca `ig`flgc`X`%\$z`) \$z`%\$\$`dWg`cf`a cfYL

GUa d`Y'Z'Ug\ 'h]a Y.



PPORT

3) SUPPORT

+ L % & hf]c fZ ``ZUg\ k]h\ YYdfca `WU`W `Uh]cbŁ! %a]b %) ·gYW

ł 'L &! & 'f[] ```ZUg\ 'k]h\ 'YYdfca 'WU'W' \Uh]cbŁ'! '&a]b'' \$ 'gYW

D\chc'cZ'XYj]WY.

GdYW]Z]WUh]cb.

I G6 Wta a i b] WUh]cb

5i kcʻl dXUhYʻkcʻBYkʻgcZkk UfYʻj Yfg]cbʻUbXʻ]bhYfZUWY

=bhYfbYh'WcbbYWh]cb']g'fYei]fYX'Zcf'dfcdYf'kcf_

8Yg][bYX'hc'k cf_'i bXYf'K]bXck g'LD

 $\label{lem:def:def:hd} DfcdYf'k\ cf_'cZ'gi\ ddcfh':\ HD'gcZ'k\ UfY']g'[i\ UfUbhYYX'cb`m'k\]h\ `=9'Vfck\ gYf$

DUW_U[Y'WcbhU]bg.

 $K = H < CI H^{\circ}585DH9FG$

GAH = bhYfZUW 1 G6

) 'gdYVJU`'WUV`Yg'Zcf'd\cbYg

%'gdYWJU``HD`5XUdhYf I b`]a]hYX'hYW\b]WU``gi ddcfh'X]fYWhm'Zfca 'GU[A UghYf'HYUa

 $\begin{tabular}{ll} \begin{tabular}{ll} \be$

* 'a cbh\g'k UffUbhm

¥ &\$&& k k k "[ga !gi ddcfh"bYh



