

Table A8 List of the file, **equivellipse.REA**.

This is the completed file after the GENOPT user's completion of the "GENTEXT" interactive session. The FORTRAN statements in this file become part of the stoget.new library, in particular, part of SUBROUTINE GETCOM. GENOPT does this automatically.

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READ(IFILE) npoint
READ(IFILE) (xinput(I), I=1,21),Ixinput
READ(IFILE) ainput
READ(IFILE) binput
READ(IFILE) nodes
READ(IFILE) xlimit
READ(IFILE) (THKSKN(I), I=1,21)
READ(IFILE) (HIGHST(I), I=1,21)
READ(IFILE) SPACNG
READ(IFILE) THSTIF
READ(IFILE) THKCYL
READ(IFILE) RADCYL
READ(IFILE) LENCYL
READ(IFILE) WIMP
READ(IFILE) EMATL
READ(IFILE) NUMATL
READ(IFILE) DNMATL
READ(IFILE) IMODE
READ(IFILE) (PRESS(I), I=1,20)
READ(IFILE) (CLAPS1(I), I=1,20)
READ(IFILE) (CLAPS1A(I), I=1,20)
READ(IFILE) (CLAPS1F(I), I=1,20)
READ(IFILE) (GENBK1(I), I=1,20)
READ(IFILE) (GENBK1A(I), I=1,20)
READ(IFILE) (GENBK1F(I), I=1,20)
READ(IFILE) ((SKNBK1(I,J), I=1,20), J=1,10),JSKNBK1
READ(IFILE) ((SKNBK1A(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNBK1F(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK1(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK1A(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK1F(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST1(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST1A(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST1F(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST1(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST1A(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST1F(I,J), I=1,20), J=1,10)
READ(IFILE) (WAPEX1(I), I=1,20),NCASES
READ(IFILE) (WAPEX1A(I), I=1,20)
READ(IFILE) (WAPEX1F(I), I=1,20)
READ(IFILE) (CLAPS2(I), I=1,20)
READ(IFILE) (CLAPS2A(I), I=1,20)

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READ(IFILE) (CLAPS2F(I), I=1,20)
READ(IFILE) (GENBK2(I), I=1,20)
READ(IFILE) (GENBK2A(I), I=1,20)
READ(IFILE) (GENBK2F(I), I=1,20)
READ(IFILE) ((SKNBK2(I,J), I=1,20), J=1,10),JSKNBK2
READ(IFILE) ((SKNBK2A(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNBK2F(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK2(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK2A(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFBK2F(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST2(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST2A(I,J), I=1,20), J=1,10)
READ(IFILE) ((SKNST2F(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST2(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST2A(I,J), I=1,20), J=1,10)
READ(IFILE) ((STFST2F(I,J), I=1,20), J=1,10)
READ(IFILE) (WAPEX2(I), I=1,20),NCASES
READ(IFILE) (WAPEX2A(I), I=1,20)
READ(IFILE) (WAPEX2F(I), I=1,20)
READ(IFILE) WEIGHT

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