

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Demonstration Disk for USGS-OEMG Mapping Software

By

Christine A.Cook¹ and Russell A.Ambroziak¹

Open-File Report 92-691

Although this program has been used by the U.S. Geological Survey, no warranty, expressed or implied, is made by the USGS as to the accuracy and functioning of the program and related program material, nor shall the fact of distribution constitute any such warranty, and no responsibility is assumed by the USGS in connection therewith.

¹USGS, Reston, VA

A Brief Outline of the Programs

DIGIT : Uses the GTCO SketchMaster digitizing tablet. Creates an ASCII .XYC file containing xy points of linework.

LATLON : Converts the ASCII .XYC file from 'digit' to lat/lon file. Creates a user-readable .RAW file.

REORDER : Converts the ASCII .RAW file to machine-readable binary .HDR, .ATR, and .BIN files.

.MAP FILES : ASCII flat file which tell 'mapper' and 'linefix' how to use the above binary files and how to link these files with other linework.

LINEFIX : Line editor which runs off an ASCII .MAP file and binary vector files created above.

.GRF FILES : ASCII flat file which has information 'mapper' needs to plot points.

MAPPER : Displays the vectors. Runs off an ASCII .MAP file. Creates image .XMP files (if running in extended VGA; .VMP if running in VGA etc.), mapper.MRK files, and ASCII .LAB files.

XMP2LBL : Creates an ASCII label file from the .XMP files created by 'mapper'. .LBL files used with 'imvis'.

REMARK : Adds the appropriate number of '_' to a name within the mapper.MRK file. Used in the .GRF file.

MAKEBLB : Converts the flat ASCII .LAB files which contain the color fill information to binary label files. For use in 'mapper'.

MAKERAW : Creates ASCII .RAW files from the binary .BIN and .HDR files and can be used to extract a small subset from a large area file. Command line :

makeraw <infile> <outfile> [MaxLat MinLat MaxLon MinLon]

LBL2TGA : Allows you to make a raster targa file from .LBL, .PAL, and .DAT files.

