

U.S. DEPARTMENT OF THE INTERIOR
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Demonstration Disk for USGS-OEMG Mapping Software

By

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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'.

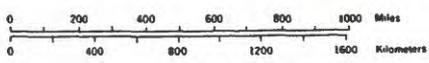
MAKERAW : Creates ASCII .RAW files from the binary .BIN and .HDR files and can be used to extract a small subset from a large area file. Command line :

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makeraw <infile> <outfile> [MaxLat MinLat MaxLon MinLon]
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LBL2TGA : Allows you to make a raster targa file from .LBL, .PAL, and .DAT files.



1 10 -80
 2: 10 -30
 3: -20 -80
 4: -20 -30
 5: -50 -90
 6: 50 -30



Scale 1:32 567 000; one inch to 514 miles. Lambert's Azimuthal, Equal Area Projection
 Elevations and depressions are given in feet