

## Hawaiian EEZ GLORIA image archive from the U.S. Geological Survey

The following information pertains to the CD-ROM discs informally titled HAWAII\_1, HAWAII\_2 and HAWAII\_3:

This disc contains data from the U.S. Geological Survey, Coastal and Marine Geology Team, 345 Middlefield Rd., MS-999, Menlo Park, CA 94025. Please cite the USGS when using these data.

The GLORIA sidescan imagery contained on this disc is the basis of that area presented in the Atlas of GLORIA Sidescan-Sonar Imagery of the Exclusive Economic Zone of the United States: EEZ-View, 1997, U.S. Geological Survey Open-File Report 97-540.

The GLORIA sidescan imagery collected from the Hawaiian EEZ is divided into 3 sections based on longitude. HAWAII\_1 covers 151-163 degrees W, HAWAII\_2 covers 163-173 W, and HAWAII\_3 covers 173 W to 177 E.

The imagery contained on these discs is presented in the following format. The example is for HAWAII\_1; substitute H2 and H3 for the other discs:

--Files H1Qxx.RAW are individual full-resolution GLORIA quads (50-m pixels, most are 2 deg. lat. by 2 deg. long.) stored as uncompressed 8-bit pixels. The file layout and projection information is supplied in the companion H1Qxx.LBL files. Geographic ties are supplied in the companion H1xx.XYC files.

The .XYC files are formatted as follows:

- NW corner lat/lon
- sample, line location
- NE corner lat/lon
- sample, line location
- SE corner lat/lon
- sample, line location
- SW corner lat/lon
- sample, line location

--File H1CMP5.RAW is a 5x-desampled (250-m pixels) composite image of the entire HAWAII\_1 survey area. The file layout and projection information is supplied in the companion H1CMP5.LBL file, and geographic tie is given in H1CMP5.XYC.

--File H1NDX5.RAW is a 5x-desampled (250-m pixels) composite image of the entire HAWAII\_1 survey area, with quad boundaries and numbers. The file layout and projection information is supplied in the companion H1NDX5.LBL file, and geographic tie is given in H1NDX5.XYC.

--File H1CMP10.RAW is a 10x-desampled (500-m pixels) composite image of the entire HAWAII\_1 survey area. The file layout and projection information is supplied in the companion H1CMP10.LBL file, and geographic tie is given in H1CMP10.XYC.

--File H1NDX10.RAW is a 10x-desampled (500-m pixels) composite image of the entire HAWAII\_1 survey area, with quad boundaries and numbers. The file layout and projection information is supplied in the companion H1NDX10.LBL file, and geographic tie is given in H1NDX10.XYC.