

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-030

MISSION STATUS

Location: Loihi Seamount, Hawaii

Mission Date: 9/04/87

Maximum Depth: 4000 ft.

Project Title: "Geology, Geochemistry & Microbiology of
Hydrothermal Systems, Loihi..."

Project Leader: Dr. Alexander Malahoff

Address: University of Hawaii
1000 Pope Rd. MSB 319
Honolulu, HI 96822

Phone: 948-6802

Observer: Dr. R. Grigg, Dr. A. Malahoff

Address: MSB 616 MSB 319

Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

Conducted transect along north ridge crest of Loihi Seamount of macrobenthos. Data base consists of audiotape (counts of macrobenthos/m) versus depth, CTD, videotape of dive, and still photos. The paucity of macrobenthos appears related to a combination of inappropriate substrata and weak bottom current.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

Recommendations for corrective action or improvement:

Adjust viewing seats to lower position for scientific observers.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

Yes, although, I had hoped to traverse into deeper water to 5000 feet.

List specimens or samples collected on the mission.

Pillow lavas.

DATA RELEASE

Data may be retained by the project leader for up to 2 years after the mission date with the following exception. NOAA may request to use photos for publication or publicity purposes at any time.

Fill in the appropriate statement below and sign this form.

I hereby release the data archived by HURL for public consumption following mission "Geology, Geochemistry & Microbiology of Hydrothermal Systems, Loihi..." (project title) held on 9/04/87 (date) in the following way:

- a. CTD data by Sept, 1987 (date)
- b. voice transcripts, video, and still camera film by Sept, 1987 (date)
- c. other _____ (date)
- d. I will give my written consent to individuals wishing to use these data prior to the above dates depending on the nature of the request(s).

Project Leader