

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-084

MISSION STATUS

Location: Loihi South Rift
Mission Date: July 20, 1988
Maximum Depth: 1720 m
Project Title: Loihi Hydrothermal
Project Leader: Alexander Malahoff
Address: University of Hawaii
 Department of Oceanography
 Honolulu, Hi. 96822

Phone: 948-6802
Observers: A. Arquit, A. Malahoff

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

Landed at 1720 meters at 13:40 (800 m northwest of cone). Then travelled southeast until steep slope encountered at 13:55 at 1700 m. At 14:48 on top of pinnacle at 1690 m. Fresh basalt. Pinnacle of talus rather than pillows; no sign of hydrothermal activity. Then travelled west through blue water at 1320 m, 16:00 hours large extinct hydrothermal field encountered.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None

Recommendations for corrective action or improvement:

None

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

Yes.

List specimens or samples collected on the mission.

Two rock samples

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 "Hydrothermal Systems"
(project title) held on July 20, 1988 (date) in the following way:

- a. CTD data by none (date)
- b. voice transcripts, video, and still camera film
by July 20, 1989 (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