

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-110

MISSION STATUS

Location: Loihi

Mission Date: September 18, 1988

Maximum Depth: 120 ft.

Project Title: Hydrothermal systems

Project Leader: Alexander Malahoff

Address: Department of Oceanography
University of Hawaii
1000 Pope Road
Honolulu, HI 96822

Phone: 948-6802

Observers: Alexander Malahoff, John Smith

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

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Thruster tilt control failed immediately after take off from LRT. PISCES returned to LRT safely - by good judgment and the grace of God.

Recommendations for corrective action or improvement:

Repair and/or redesign thruster tilt mechanism to provide full piston stroke (stop-to-stop) operation.

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

List specimens or samples collected on the mission.

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 _____
(project title) held on _____ (date) in the
following way:

- a. CTD data by _____(date)
- b. voice transcripts, video, and still camera film
by _____(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