

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-212

MISSION STATUS

Location: Loihi Seamount, HI
Mission Date: August 26, 1992
Maximum Depth: ~1240 meters
Project Title: Training
Project Leader: A. Malahoff
Address: University of Hawaii
Department of Oceanography
1000 Pope Road
Honolulu, HI 96822
Phone: 956-6802
Observers: Peter Sedwick, Craig Moyer
Address: same as above
Phone: 956-6050 (Moyer)

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

Objectives were to collect rock and seawater samples. Also to deploy and recover slide sticks and shrimp trap.

MISSION EVALUATION: (Mission evaluation completed by scientific observers. Does not refer to training operations.)

Limitations, failures, or operational problems noted:

Thrusters broke prior to reaching Pele's Vents.

Recommendations for corrective action or improvement:

Redesign or replace thruster steering mechanism so that they do not fail as they frequently do at the present time.

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

No, unable to deploy or collect samples due to being unable to maneuver submersible on bottom.

List specimens or samples collected on the mission.

None.

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 Biodiversity & Microbial Processes at Loihi Seamount (project title) held on August 26, 1992 (date) in the following way:

- a. CTD data by August 26, 1994 (date)
- b. voice transcripts, video, and still camera film by August 26, 1994 (date)
- c. other August 26, 1994 (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