

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-213

MISSION STATUS

Location: Loihi Seamount
Mission Date: August 28, 1992
Maximum Depth: 980 meters
Project Title: Geochemistry of Loihi Seamount Hydrothermal System
Project Leader: G. McMurtry
Address: Dept. of Oceanography
University of Hawaii
1000 Pope Road
Honolulu, HI 96822
Phone: (808) 956-6858
Observers: P. Sedwick and B. Monger
Address: Same as above
Phone: 956-6406

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

Objectives are to observe, measure temperature of, and sample hydrothermal fluids from Pele's Vents, using titanium, Niskin and gas-tight sample bottles, and temperature probe.

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.

3 titanium samples
1 Niskin bottle
1 gas-tight sample
1/2 box of rocks
2 slide sticks
1 shrimp trap with shrimp.

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 Geochemistry of Loihi Hydrothermal System (project title) held on August 28, 1992 (date) in the following way:

- a. CTD data by August 28, 1993 (date)
- b. voice transcripts, video, and still camera film by August 28, 1993 (date)
- c. other August 28, 1993 (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