

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-207

MISSION STATUS

Location: Pele's Vents Loihi
Mission Date: August 15, 1992
Maximum Depth: 975 meters
Project Title: Loihi Monitoring
Project Leader: A. Malahoff
Address: University of Hawaii
Dept. of Oceanography
1000 Pope Road, MSB 319
Honolulu, HI 96822
Phone: (808) 956-6802
Observers: Brian Daniel, A. Malahoff
Address: same as above

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

- VIDEO, CTD, one water sample
- Experimental dive - retrieve Ocean Bottom Pressure Recorder, deploy ocean bottom observatory on the same dive. Also experimented with new water sampler. All instruments are deployed at Pele's Vents, 975 meters water depth. This dive was also used for fine tuning the Sonatech transponder navigation system.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Despite rough weather, all objectives were satisfied, except the 16 bottle water sampler only worked on the first bottle.

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.

One water sample at Pele's Vents.

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 Loihi Monitoring
(project title) held on August 15, 1992 (date) in the following way:

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