

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-210

## MISSION STATUS

Location: Pele's Vents, Loihi Seamount, Hawaii  
Mission Date: August 22, 1992  
Maximum Depth: ~1000 meters  
Project Title: Training Dive  
Project Leader: A. Malahoff  
Address: University of Hawaii  
Dept. of Oceanography  
1000 Pope Road  
Honolulu, HI 96822  
Phone: 956-6802  
Observers: John Louie Cheminee  
Craig Moyer  
Address: IPGP 4 Place Jussieu  
Paris, FRANCE

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

Primary objectives were the recovery of mat covered rocks, activation of butterfly samplers, and recovery of slide sticks. Secondary objectives were recovery and deployment of shrimp trap.

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

Limitations, failures, or operational problems noted:

- No still pictures available.
- Second video camera was out most of the dive making continuous video very difficult.
- Divers need to be careful around butterfly sampler so as not to trigger and more rocks must be sampled during a dive.

Recommendations for corrective action or improvement:

Primary recommendation is to fix/replace needed equipment to get second video up and running.

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

Yes it did. Most of the sampling strategies were successful. Next time we would like to try to sample more "mat covered" rocks, as this is our primary goal.

List specimens or samples collected on the mission.

- 1 gas sample
- 1 Titanium water sample
- 2 Baggie or Butterfly samples (out of possible 3)
- mat covered rocks
- 2 slide sticks
- shrimp trap recovered

## 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 22, 1992 (date) in the following way:

- a. CTD data by August 22, 1994 (date)
- b. voice transcripts, video, and still camera film by August 22, 1994 (date)
- c. other August 22, 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).

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Project Leader