

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-243

MISSION STATUS

Location: Loihi - Pele's Vents
Mission Date: September 10, 1993
Maximum Depth: ~1065 m
Project Title: Microbial Diversity at Loihi Seamount
Principal Investigator: Fred Dobbs, Dave Karl
Address: University of Hawaii
 Department of Oceanography
 1000 Pope Road
 Honolulu, HI 96822
Phone: (808) 956-6050
Observers: Craig Moyer, Gary McMurtry
Addresses: Same as above

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

Sample mat material in Rosette sampler. Collect rock.
Collect vent water in 3 Niskin bottles and 3 major samplers.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Problem in underwater telephone, otherwise all worked very well.

Recommendations for corrective action or improvement:

Fix as soon as possible.

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

Yes, mission was successful. Were unable to proceed beyond Pele's Vents, but this did not impact our overall mission goals.

List specimens or samples collected on the mission.

8 buckets of microbial mat material from rosette sampler.
1 rock, 3 Niskin bottles, 2 major water samplers, and 1 La Bomba.

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 Microbial Diversity at Loihi Seamount (project title) held on September 10, 1993 (date) in the following way:

- a. CTD data by September 10, 1995 (date)
- b. voice transcripts, video, and still camera film by September 10, 1995 (date)
- c. other September 10, 1995 (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).

Principal Investigator