

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-245

## MISSION STATUS

Location: Pele's Vents  
Mission Date: September 15, 1993  
Maximum Depth: ~1050 meters  
Project Title: Microbial Diversity at Loihi Seamount  
Principal Investigator: Fred Dobbs and Dave Karl  
Address: University of Hawaii  
Dept. of Oceanography  
1000 Pope Road  
Honolulu, HI 96822  
Phone: 956-6050  
Observers: Dave Karl and Craig Moyer  
Addresses: Same as above

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

Sample microbial mat material using rosette sampler. Take water samples using 2 major titanium samplers and 2 Lupton gas tight samplers and 1 La Bomba gas tight sampler. Recover 2 mini-temperature recorders. Recovered 3 5-liter Niskin water samples.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Excellent dive. All objectives were achieved. No failures or limitations were encountered.

Recommendations for corrective action or improvement:

None. Keep up the great work!

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

Yes, this mission was highly successful and all objectives were accomplished as planned.

List specimens or samples collected on the mission.

- 8 microbial mat "chimney" samples from rosette
- 2 Lupton type gas tight water samples
- 2 major type water samples
- 3 5-liter Niskin bottle samples
- 1 La Bomba type gas tight water sample

## 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 15, 1993 (date) in the following way:

- a. CTD data by September 15, 1995 (date)
- b. voice transcripts, video, and still camera film by September 15, 1995 (date)
- c. other September 15, 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).

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Principal Investigator