

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-395

MISSION STATUS

Location: Pele's Pt, Loihi

Mission Date: 10/9/98

Maximum Depth: 1328 m

Project Title:

Principal Investigator: Jim Cowen

Address: University of Hawaii, Dept. of Oceanography
1020 Pope Rd, MSB 108
Honolulu HI 96822

Phone: (808) 956-7816

Observer 1: Rachel Shackelford

Observer 2:

Address: same as above

Address:

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

The main objective of this dive was to deploy the BioColumn and take water samples and temperature measurements around the deployment sites. Subsequent objectives included deploying bacterial traps, taking water samples from vent fluids, and taking temperature measurements at various sites.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

It took much longer than expected to deploy the BioColumn.

Recommendations for corrective action or improvement:

Future designs need to be less top-heavy and, if possible, shorter.

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

The main purpose of the dive was achieved, but it took so long that none of the subsequent tasks were accomplished.

List specimens or samples collected on the mission.

A major sampler was filled with water from the base of the column.

Dive 395

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

_____ (project title)

held on _____ (date) in the following way:

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

_____ Principal Investigator