

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO.P5-153

MISSION STATUS

Location: Loihi, Hawaii
Mission Date: 9-24-90
Maximum Depth: 3526 ft.
Project Title: Hydrothermal Systems
Project Leader: Gary McMurtry/Dave Karl
Address: University of Hawaii
MSB 323/MSB 629

Phone: x66858/ x68964
Observers: P. Stauffer, G. McMurtry
Address: University of Hawaii
MSB 323

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

Objectives to collect water samples from Pele's vents for inorganic chemical analysis. Used HURL Ti samplers, Niskin samplers and Temperature probe.
Collected GAWS samplers for D. Karl also 2 paired Ti samplers fired, and 1 Niskin.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None

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.

Water samples from Pele's vents, Loihi.

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 Hydrothermal Systems
(project title) held on 9-24-90 (date) in the following way:

- a. CTD data by 9/30/92 (date)
- b. voice transcripts, video, and still camera film
by 9/30/92 (date)
- c. other 9/30/92 (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