

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-239

MISSION STATUS

Location: Loihi, HI
Mission Date: September 1, 1993
Maximum Depth: 1305 meters
Project Title: Hydrothermal Vent Water Chemistry
Principal Investigator: Alexander Malahoff
Address: University of Hawaii
Department of Oceanography
1000 Pope Road, MSB 319
Honolulu, HI 96822
Phone: (808) 956-6802
Observers: Alexander Malahoff & Brian Midson
Addresses: Same as above

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

Hydrothermal vent water was sampled at Pele's Vents and the Pits of Death. The OBO was deployed. Three independent temperature probes were deployed - 1 at OBO, 2 at pressure sensor. One nontronite hand sample was recovered from Pele's vents area for Keith Crook.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

Recommendations for corrective action or improvement:

N/A

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

The mission was a complete success.

List specimens or samples collected on the mission.

16 water samples
1 rock

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 Vent Water Chemistry (project title) held on September 1, 1993 (date) in the following way:

- a. CTD data by September 1, 1994 (date)
- b. voice transcripts, video, and still camera film by September 1, 1994 (date)
- c. other September 1, 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).

Principal Investigator