

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-163

MISSION STATUS

Location: Loihi Seamount
Mission Date: 17 October 1990
Maximum Depth: 1300 m
Project Title: JAMSTEC/NOAA Exchange (Recover OBS)
Project Leader: Dr. Alex Malahoff
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 1000 Pope Road, UHM
 Honolulu, HI 96822
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Observers: Max Cremer, Dr. Naka
Address: Dept. of Ocean
 1000 Pope Road, UHM
 Honolulu, HI 96822

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

Comments on tape (Data) main objective of the dive was to locate and recover an ocean bottom station (OBS). Surplus time was used to attempt finding Kapo's Vents, and investigate the vicinity of Pele's Vents.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Dive was extremely interesting, since an extension of Pele's Vents was discovered. However, the OBS was lost due to improper design of recovery mechanism and operation.

Recommendations for corrective action or improvement:

For future work with OBS a safe, unambiguous recovery mechanism has to be designed.

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 did not achieve its purpose. The work that was accomplished (discovery of new vents, introduction of Japanese scientist to Loihi) was unrelated to the expected work (recovery of OBS).

List specimens or samples collected on the mission.

N/A

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).

Project Leader