

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-332

MISSION STATUS

Location: Loihi Seamount

Mission Date: Sept.2, 1997

Maximum Depth: 1325 m.

Project Title: In-situ gamma spectroscopy of Loihi vents

Principal Investigator: Dr. David Kadko

Address: University of Miami
RSMAS MAC
4600 Rickenbacker Cseway
Miami, FL 33149

Phone: (305)361-4721

Observer 1: Dr. David Kadko

Observer 2: (Chuck Holloway)

Address:

Address: HURL

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

Major objective: Test gamma detector and locate site for long deployment. This was accomplished.

Other: Obtain water samples. This was done, with difficulty, due to mechanical problems.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Most objectives meet. However difficulties (& time lost) due to failure of sub's Schilling arm.

Recommendations for corrective action or improvement:

Fix the arm

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

75% of work was accomplished.

List specimens or samples collected on the mission.

2 vent fluid samples obtained

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

Gamma spectroscopy of Loihi Vents (project title)

held on Sept.3, 1997 (date) in the following way:

- a. CTD data by N/A (date)
- b. voice transcripts, video, and still camera film by Sept.3, 1998 (date)
- c. other Sept.3, 1998 (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