

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-306

MISSION STATUS

Location: Loihi

Mission Date: September 27, 1996

Maximum Depth: 1183 m.

Project Title: Loihi Safety Inspection

Principal Investigator: Alexander Malahoff

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Observer 1: A.Malahoff

Observer 2: A. Wright

Address: as above

Address: as above

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

Deploy BPR, map safe path to vents. Deployed BPR at 956 meters depth on western edge of rim. Proceeded south to channel between east Pit and Pele's Pit - 'sand channel' and mapped path to Lohiau vents. Vents located on slope with unstable talus surrounded by pinnacles. Path to western edge of Pele's vents covered by talus and nontronite. Water upwelling from pit. Visibility very poor made second descent into pit impossible.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None. Poor visibility, unstable terrain.

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, deployed BPR. Mapped western rim of Pele's Pit.

List specimens or samples collected on the mission.

Water samples, rock sample.

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

Loihi Safety Inspection (project title)

held on 9-27-1996 (date) in the following way:

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