

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-286

MISSION STATUS

Location: Loihi

Mission Date: 8/8/96

Maximum Depth: 1075 m

Project Title: Loihi Quick Response

Principal Investigator: Frederick Duennebier

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Observer 1: Frederick Duennebier

Observer 2: Frank Sansone

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

Verify and document changes to Loihi since beginning of seismic activity on July 16, 1996.

Sonobuoys used to locate noise sources, water column sampling, CTD, Tow-yo, SeaBeam, ocean bottom seismometer.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Absolutely no problems with *Pisces V* or with launch and recovery -- a very professional smooth operation.

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.

We were unable to find the vents that were generating the "smoke" in the water, but safety considerations and lack of reasonable bathymetry did not allow much more than what was accomplished.

List specimens or samples collected on the mission.

1) Several rocks - glassy - apparently blown out of west pit.

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 Quick Response (project title)

held on 8-8-96 (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).

This dive was a charter paid for by the National Science Foundation, thus NSF data protection rules apply.

_____ Principal Investigator