

**HAWAII UNDERSEA RESEARCH LABORATORY**  
**QUICK LOOK REPORT MISSION NO. P5-313**

**MISSION STATUS**

**Location:** Loihi

**Mission Date:** October 5, 1996

**Maximum Depth:** ~ 1350 m.

**Project Title:** Loihi

**Principal Investigator:** Frank J. Sansone

**Address:** Oceanography Dept.  
1000 Pope Road  
Honolulu, HI 96822

**Phone:** (808)956-8370

**Observer 1:** Wheat

**Observer 2:**

**Address:** PO Box 475  
Moss Landing, CA 95039

**Address:**

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

Go to new vent field.  
Find hot water and sample  
Map vent field  
Deploy osmosampler for 1 year period.

**MISSION EVALUATION:**

**Limitations, failures, or operational problems noted:**

None

**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, everything was accomplished.

**List specimens or samples collected on the mission.**

Niskin - 1  
Major samplers - 3  
Lupton gas-tight - 1  
LABOMBA - 1  
Deploy one osmosampler  
CTD data  
Deploy 3 markers

## 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 (project title)

held on 10-5-96 (date) in the following way:

- a. CTD data by 10-5-98 (date)
- b. voice transcripts, video, and still camera film by 10-5-98 (date)
- c. other 10-5-98 (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).

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Principal Investigator