

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-396

MISSION STATUS

Location: Loihi

Mission Date:

Maximum Depth:

Project Title: TEMPORAL EVOLUTION OF LOIHI

Principal Investigator: SANSONE

Address: OCEANOGRAPHY - UH

Phone:

Observer 1: Joseph Resing

Observer 2: _____

Address: 13348 23rd Avenue
Seattle WA 98125

Address:

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

2 Major Samples - Naha vents Marker

The objectives were to establish if venting was still taking place at Naha vents at Marker 3 and to remove the OSMO sampler. If venting was still taking place, to place a new osmo sampler, take 2 Major Samples + gas tight, collect Biological Mats and to place glass fiber traps. We found there to be venting and met our objectives. Our next objective was to place a glass trap at or around Marker 3 and to

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

It would be nice for the port observer to have better access to the Zoom controls on the video. Panning and Image selection were possible using the pilots video controls but zooming was not.

Recommendations for corrective action or improvement:

While it is nice to have the copilot operate the video, it seems two hands can be better than one. Somehow, the port observer needs easier access to video controls.

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

We accomplished all mission goals. I suppose we could have collected a rock or some sediment given more time, but if I had pushed for that I am sure it would have ~~happened~~ happened.

List specimens or samples collected on the mission.

- 7 Majors - Naha Vents
- 4 Suction samples Naha Vents
- 1 Gas tight - Naha Vents
- 1 Major - Pohaku Vents
- 4 Suction samples Pohaku Vents,

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

TEMPORAL EVOLUTION OF LO, 14, 1 (project title)

held on 10/10/98 (date) in the following way:

- a. CTD data by 10/10/00 (date)
- b. voice transcripts, video, and still camera film by 10/10/00 (date)
- c. other 10/10/00 (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