

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-345

MISSION STATUS

Location: Loihi Seamount

Mission Date: Jan. 21, 1998

Maximum Depth: 1202 m.

Project Title: HUGO Service Dives

Principal Investigator: Fred Duennebier

Address: Dept. of Geology & Geophysics
1680 East-West Rd., POST 809
School of Ocean & Earth Science & Technology
University of Hawaii
Honolulu, HI 96822

Phone: (808)956-4779

Observer 1: David Harris

Observer 2:

Address: 1259 Hooli circle
Pearl City, HI 96782

Address:

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

Objective: to retrieve the seismic experiment package from HUGO for repair.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None. Operations were carried out in limited visibility (muddy water), inside a metal frame, under mud. It was an outstanding (and successful) recovery.

Recommendations for corrective action or improvement:

If the box used to hold the pressure case had a notch in one end (or pegs at the corners) it would have been easier to get the instrument in the box.

The instrument should have had a lanyard.

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

I had serious reservations about the possibility of recovering the experiment. Mission highly successful.

List specimens or samples collected on the mission.

Recovered seismic experiment.

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

HUGO Service Dives (project title)

held on Jan. 21, 1998 (date) in the following way:

- a. CTD data by immediately (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).

* Any time with Duennebier permission.

_____ Principal Investigator