

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. RCV-025

MISSION STATUS

Location: East of Kohala Volcano, Hawaii

Mission Date: Oct 22 (23) 1998 20°20' N
155°37' W

Maximum Depth: 900 m

Project Title: History of Kohala Volcano

Principal Investigator: David Clague

Address: MBARI, P.O. Box 628, Moss Landing, CA 95039

Phone: 831-775-1781

Observer 1:

Address: James Moore
USGS MS-910
Menlo Park CA
94025

Observer 2: David Clague

Address: same as above

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

Principle objective was to explore the 1 mile long ridge in the middle of a broad reef flat at 600 m depth 20°20' N, ~~37~~ 155°37.5' W.

The ridge was well imaged and is apparently an eruptive vent choked with hyaloclastite.

Terrane above the ridge (south) is a hard carbonate reef terrace crossed by thin (1 cm), extensive cracks.

MISSION EVALUATION:

Limitations, failures, or operational problems noted: *None*

Recommendations for corrective action or improvement:

Slight changes in lighting system may be helpful

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

The mission was very successful. Excellent images were obtained, and helped in the planning of Pixes dive 407.

List specimens or samples collected on the mission.

none

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

History of Kohala Volcano (project title)

held on 10/22/98 (date) in the following way:

- a. CTD data by NA (date)
- b. voice transcripts, video, and still camera film by 10/22/00 (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).

David Cloque Principal Investigator