

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-234

MISSION STATUS

Location: Cross Seamount
18°44.962'N, 158°14.478'W

Mission Date: 13 August 1993

Maximum Depth: 980 meters

Project Title: Microbial Geochemistry of Ferromanganese Crusts

Principal Investigator: Jim Cowen

Address: University of Hawaii
Dept. of Oceanography
1000 Pope Road
Honolulu, HI 96822

Phone: (808) 956-7816

Observers: M. Bertram

Addresses: Same as above

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

- Dive objectives:
- (1) to locate site using Benthos transponder
 - (2) retrieve experimental tray (42 month deployment)
 - (3) collect rock (FeMn encrusted)
 - (4) collect animals from site

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, all goals were accomplished.

List specimens or samples collected on the mission.

- (1) 1 rack containing experimental plates
- (2) 1 FeMn encrusted rock
- (3) Several different benthic organisms for HURL
- (4) Sediment surface sample for Barbara Keating

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 Microbial Geochem. of FeMn Crusts; P5-234 (project title) held on August 13, 1993 (date) in the following way:

- a. CTD data by August 1995 (date)
- b. voice transcripts, video, and still camera film by August 1995 (date)
- c. other August 1995 (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