

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-094

MISSION STATUS

Location: Cross Seamount, N. Rift/summit

Mission Date: August 12, 1988

Maximum Depth: 795 m.

Project Title: Geology of Cross Seamount

Project Leader: Dr. Alexander Malahoff

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Observers: Kevin Kelly, Bill Hunneke

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

We investigated the geology of Cross Seamount to determine the occurrence and extent of Mn. crust coverage. Using a Seabeam base map we explored the main rift zones and summit area of the seamount, collected samples of rock and biota, photographed and video taped the dive.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Only 92 pictures were able to be taken. Sediment sampler was fired before sample was collected.

Recommendations for corrective action or improvement:

Change the film after each dive. Need better sediment sampler.

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

Yes, except we were not able to photograph rift features on the summit because the film was not changed for this dive. Film is cheap!

List specimens or samples collected on the mission.

2 rocks

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 "Stratigraphy of Mn Crust"
(project title) held on Aug 12, 1988 (date) in the following way:

- a. CTD data by none (date)
- b. voice transcripts, video, and still camera film
by Aug 12, 1990 (date)
- c. other Aug 12, 1990 (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).

Project Leader