

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-020

## MISSION STATUS

Location: Cross Seamount

Mission Date: 8/14/87

Maximum Depth: 1410 ft.

Project Title: Settlement Onto Deep-Sea Hard Substrates

Project Leader: Lauren Mullineaux

Address: Ocean Engineering  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543

Phone: (617) 548-1400 Ext. 2898

Observer: C. M. Fuller

Address: Woods Hole Oceanographic Institution

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

Deploy dye-ball string.  
Deploy one settlement substrate.  
Recovered 5 alabaster plates.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Thruster tilt operation impaired; landings and takeoffs were difficult.

Sub deployed off station, used 3 hours to locate site.

35 mm camera worked for a while, then quit.

No CTD.

Recommendations for corrective action or improvement:

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

6 substrates were not deployed.  
No collections made.

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 "Settlement Onto Deep-Sea Hard Substrates" (project title) held on August 14, 1987 (date) in the following way:

- a. CTD data by none (date)
- b. voice transcripts, video, and still camera film by 8/89 (date)
- c. other after publication (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).

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Project Leader

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Honolulu, Hawaii 96822  
(808) 948-6335

VOICE TRANSCRIPT FOR HAWAII UNDERSEA RESEARCH LABORATORY MISSION

Dive Number: P5-020

Location: Cross Seamount

Date of Dive: 8/14/87

Project Leader: Lauren Mullineaux  
Ocean Engineering  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543

Observer: L. Mullineaux

Pilot: T. Kerby

TAPE 2; SIDE 1

Mullineaux: Testing 1, 2.

No voice transcript.