

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-019

## MISSION STATUS

Location: Cross Seamount

Mission Date: 8/13/87

Maximum Depth: 1300 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: Cheryl Ann Butman

Address: Woods Hole Oceanographic Institution

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

Deploy settlement substrates.  
Deploy dye ball strings.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Osprey 35 mm not operating (No strobe).  
No CTD.  
Depth limited Navtrack.

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.

Substrates deployed in adequate locations; dye ball strings need  
minor modifications.

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 13, 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

HAWAII UNDERSEA RESEARCH LABORATORY  
University of Hawaii  
1000 Pope Road, MSB 226  
Honolulu, Hawaii 96822  
(808) 948-6335

VOICE TRANSCRIPT FOR HAWAII UNDERSEA RESEARCH LABORATORY MISSION

Dive Number: P5-019

Location: Cross Seamount

Date of Dive: 8/13/87

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

Observer: L. Mullineaux, C. Butman

Pilot: D. Foster

TAPE 1; SIDE 1

Mullineaux: We came down in a sandy area with boulders all around; it's interesting that there's no ripples in these sandy areas where there's large roughness elements like boulders.

Mullineaux: Lots of spirorbids on the rocks.

Mullineaux: Observe sediment transport event. The sediment...

Mullineaux: 2:00; the sand's moving like bedload.

Mullineaux: Above the bottom...well, must be there. Actually the seapens are hanging...laying over it so there must some pretty good grime.

Mullineaux: Seems to be a pretty localized transport event. Right around the pinger.

Mullineaux: Alabaster plates, uh, rings are leaning to the west.

End tape.

\*Note: No tapes 2, 3, or 4.