

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-384

MISSION STATUS

Location: West Brooks Banks 23°58.645 166°44.324

Mission Date: Sept. 18, 1998

Maximum Depth: 500 m

Project Title: Evaluating deep-water benthic and demersal communities in relation to foraging activities of the endangered Hawaiian monk seal

Principal Investigator: Frank A. Parrish

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Phone: (808) 983-5391

Observer 1: Frank Parrish

Observer 2: Rick Grigg

Address: as above

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

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

Sub deployed at 500 m in the highest density of coral identified by the previous ROV transect at west Brooks. Transect initially ran west and then along the 450 m contour to the southeast. Bottom ranged from a steep slope to vertical cliffs (largest 30m) separated by erosional chutes. Red coral most abundant in deeper depths and gold most abundant along 450 m contour. Density of gold varied with the changing topography of the contour. Few fish were seen other than a couple large snappers and a shark.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No problems

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.

Completely successful, all expectations met.

List specimens or samples collected on the mission.

Samples for Amy Baco
15 gold coral clippings
15 red coral clippings

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

Evaluating deep-water benthic... (project title)

held on Sept. 11-22, 98 (date) in the following way:

- a. CTD data by _____ (date)
- b. voice transcripts, video, and still camera film by Sept. 11-22nd, 2000 (date)
- c. other Sept., 2000 (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