

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. RCV-021 A, B

MISSION STATUS

Location: *Central French Frigate shoals complex*Mission Date: *9/16/98*Maximum Depth: *379 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*Address: *Honolulu Laboratory NMFS/NOAA
2570 Dole ST
Honolulu, Hawaii 96822*Phone: *(808) 983-5391*Observer 1: *Frank Parrish*Observer 2: *Rick Grigg*Address: *Same as above*Address: *Dept. of Oceanography
1000 Pope Rd.
University of Hawaii
Honolulu, Hawaii 96822*

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

ROV dive 21
Central FFS extension
9-16-98
Parrish/Grigg

Segment A

A survey habitat and fish community was run east 0.9 of a mile beginning at 333 m and ending at 350m. Initially bottom was basalt supporting infrequent small colonies of pink coral. Bottom shifted to carbonate with a sediment veneer. Examples of fish seen included Decapterus sp., Antigonina sp., Symphisanodon maunaloae, Moridae, and Scorpaenidae

Segment B

A transect was run at the edge of the bank to look for corals where contours are steeper. The ROV was deployed at 380m and retrieved at 367m. Carbonate substrate was seen at the deep extreme and basalt at the shallow. No corals were seen.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Again, The limitations of the system relate to the positioning ability of the ship.

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.

Transects completed were exactly what we planned on. Using the system to do transects into the wind was 100% effective.

List specimens or samples collected on the mission.

NONE

DATA RELEASE

Data may be retained by the project leader for up to ^{held for} 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 deepwater bath. + Diets of commensals in relation to foraging activities of the endangered Hawaiian monk seal. (project title)

held on Sept 11-22nd 1998 (date) in the following way:

- a. CTD data by _____ (date)
- b. voice transcripts, video, and still camera film ^{ON} by Sept 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).

Fred A. Pearl Principal Investigator