

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-456

MISSION STATUS

Location: East French Frigate Shoals

Mission Date: Sept. 9, 2001

Maximum Depth: 670 m

Project Title: Monk Seal / Precious Coral Interaction

Principal Investigator: Frank Parrish

Address: National Marine Fisheries Service
2570 Dole St.
Honolulu, HI 96822

Phone:

Observer 1: Frank Parrish
Starboard

Observer 2: Bruce Mundy
Port

Address: Honolulu Laboratory
2570 Dole St.
Honolulu, HI 96822

Address: Same

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

OBJECTIVES: Locate gold coral bed at East French Frigate mark gold coral colonies with markers (pots), conduct census of fish assemblages, collect sediment samples and conduct bait stations.

Reached bottom 372 m at 0856, proceeded to coral bed location at 359 m depth, then travel south across the bank and descended down slope to 675 m. Sediment samples were collected at two locations, one on the summit of the bank outside the bed, and the second at the base of the bank wall at 675 m. Three bait stations were conducted, one in the bed, one outside the bed on the bank summit and one at the base of the banks's south wall. At all points during the sub transit fish were counted and their sizes estimated. In the bed gold coral trees were clipped for future estimates of growth gold coral growth rate. The archival camera deployed the day before was recovered. "Filmed" close-up video of various fish and invertebrate species, including *Owstonia*, *Grammatonotus laysanus* and "diamond tails," and the unidentified species first seen the day earlier. Left bottom at 1446 at depth 675 m.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

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.

Yes, all objectives were met.

List specimens or samples collected on the mission.

2 sediment samples were taken. No other samples collected.

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 _____ (project title)

held on _____ (date) in the following way:

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