

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-446

MISSION STATUS

Location: Kaena Point, Oahu

Mission Date: Sept. 26, 2000

Maximum Depth: 635m

Project Title: Aggregation of deepwater communities to precious coral beds:
Implications of coral harvest to subphotic seal foraging

Principal Investigator: Frank A. Parrish

Address: 2570 Dole St.
Honolulu, Hawaii 96822

Phone: (808)983-5391

Observer 1: Frank Parrish
Address: same as above

Observer 2: Francis Oishi
Address: Division of Aquatic
Resources

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

Intent was to survey the Kaena Point bed and adjunct habitat shallower and deeper in attempt to link fish communities with coral occurrence. Instead we conducted a liner transect across contours detailing coral and associated fish. The area supports few corals, some moderate size gold with less pink. Bamboo / Acanella appear to be the most abundant corals.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Strong current limited direction of travel of vehicle.

Recommendations for corrective action or improvement:

No realistic corrective action possible.

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

The dive achieved its purpose. We were able to visit multiple depth ranges between 380-530 to document coral coverage and fish assemblages. We had planned to spend significant time in the bed, but so little coral was found that the current and the subsequent distance we covered turned out to be fortunate.

List specimens or samples collected on the mission.

Clippings of corals taken for molecular genetics work to be conducted by Baco.

9 gold
8 pink / red

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

Aggregation of deepwater fish communities to precious coral beds: etc (project title)

held on Sept. 26, 2000 (date) in the following way:

- a. CTD data by _____ (date)
- b. voice transcripts, video, and still camera film by Sept .26, 2002 (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