

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-476

MISSION STATUS

Location: Off Lahaina, Maui

Mission Date: 11/26/01

Maximum Depth: 230 meters (754 ft.), 88 fathom pinnacle

Project Title: Black Coral Fishery and Bottom Fish Study

Principal Investigator: Richard Grigg

Address: Oceanography Dept.
University of Hawaii

Phone: 956-7186

Observer 1: Richard Grigg

Observer 2: Chris Kelley

Address: UH

Address: HURL

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

The objective of this dive focused on stock assessment of bottom fish. Abundant evidence of fishing in the form of anchor lines and drop-stones were observed on the summit and sides of the pinnacle. Many species of fish were observed although only one specie of snapper and ~ 6 kahala was seen (Kalikali). Two new species (undescribed) of Corallium were observed on the pinnacle and both were collected along, with samples of the carbonate substrate. A third species of Corallium (*C. tortuosum*) was also observed. Depths covered 230-160 m. Four hours of video tape was recorded. One species of black coral (*Antipathes intermedia*) was also observed and 1 species was collected.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None; two dives were completed this day with no problem.

Recommendations for corrective action or improvement:

None.

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

Yes.

List specimens or samples collected on the mission.

1. Corallium sp. Nou.
2. Corallium sp. Nov.
3. Antipathes intermedia
4. Carbonate substratum

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 Black Coral Fishery & Bottom Fish Study (project title)

held on 11/26/01 (date) in the following way:

- a. CTD data by Nov. 03 (date)
- b. voice transcripts, video, and still camera film by Nov. 03 (date)
- c. other Nov. 03 (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