

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-480

MISSION STATUS

Location: Circus Reef off Lahaina, Maui

Mission Date: 11/28/01

Maximum Depth: 57 m (187 feet)

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: Eric Grossman

Address: UH

Address: USGS, VC Santa Cruz
1156 High St.
Santa Cruz, CA 95064

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

The purpose of this dive was to inspect the Karst topography of solution rims and collect samples of black coral. The transect cover 0.55 nautical miles of which 80% of the area covered consisted of the summit rim of a Karst topographic high. Black corals were extremely abundant with many colonies between 5-8 feet high considerably larger than the minimum legal size. Although this area has received moderate harvesting pressure for several decades, it is still a highly productive area. *Carijoa riisea* was also abundant in this area apparently invading the habitat of the black coral.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, two dives were completed in this day.

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.

3 specimens of *Antipathes ulex*

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 11/28/01 (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