

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-479

MISSION STATUS

Location: "Most Radicals Reef", Off Lahaina, Maui

Mission Date: 11/28/01

Maximum Depth: 59 m (193 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: Francis Oishi

Address: UH

Address: DIV. Aquatic Resources
DLNR
1151 Punchbowl
Honolulu, HI

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

The purpose of this dive was to allow Francis Oishi to observe an area subject to moderate but recent harvesting pressure. Several hundred colonies of black coral over the course of the 0.6 N. mile transect were observed many measured 3-4 ft. in height with some (10%) larger. Given the state size limit of 4 feet, harvesting appears to be in compliance. Samples of deep reef *Porites lobata* were collected for growth studies and 4 hours of video was recorded.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

A navigational error of 1 mile was made by the chief scientist but correct within 58 minutes by the pilot (Chock Holloway) who did an excellent job of piloting the submersible.

Recommendations for corrective action or improvement:

Double check dive site location

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 samples of Halimeda
2 samples of Porites lobata

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