

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. RCV-127

MISSION STATUS

Location: Kalohi Channel, Maui

Mission Date: 11/25/01

Maximum Depth: 90 meters

Project Title: Sustainability of the Black Coral Fishery in Hawaii and Impacts on Bottom Fish Habitat

Principal Investigator: Richard Grigg

Address: Department of Oceanography
University of Hawaii

Phone: 956-7186

Observer 1: Hal Richman

Observer 2:

Address: Hawaii Institute of Marine Biology
University of Hawaii

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

This ROV dive was made on the shallower base of the headland feature surveyed during the previous ROV dive. As with other ROV deployments, the optimal direction for the transect, based on wind and current conditions, was determined prior to the dive. A two-mile target line was created on the top of the base where the depths were between 60-90 m. After the RCV was deployed, the observers attempted to identify black corals as well as other invertebrates and fish encountered. *Antipathes dichotoma* were present which, in some cases, were overgrown by the telestacean, *Carijoa riisei* similar to two previous dives. Other invertebrates included *Halimeda* sp., *Stichopus* sp. 1, *Leptoseris* sp., sponges, *Hexabranchnus sanguineus*, *Pleurobranchus* sp. 2, and a squid. Fish observed included *Myripristis* sp., *Dascyllus albisella*, *Chaetodon miliaris*, *Fistularia petimba*, *Canthigaster coronata*, *Chilomycterus reticulatus*, and *Sphyrnaena helleri*.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None

Recommendations for corrective action or improvement:

None

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

Yes.

List specimens or samples collected on the mission.

None

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 Sustainability of the Black Coral Fishery in Hawaii and Impacts on Bottom Fish Habitat (project title)

held on 11/25/01 (date) in the following way:

- a. CTD data by 11/03 (date)
- b. voice transcripts, video, and still camera film by 11/03 (date)
- c. other 11/03 (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