HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P4-016

MISSION STATUS

Location: Keahole Point, Kona, Hawaii

Mission Date: Nov.19, 2000

Maximum Depth: 485m

Project Title: Precious coral, monk seal forage habitat

Principal Investigator: Frank Parrish

Address: 2570 Dole St.
Honolulu, Hawaii 96822

Phone: (808) 983-5391

Observer 1: Frank Parrish

Address: as above

Observer 2: Rick Grigg

Address: Oceanography Dept.
SOEST
University of Hawaii

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

The sub transect was run from shallow to deep such that it would cross Grigg's historical sites, where coral had been found, and interrupt with the area the ROV found coral yesterday. No coral was found at the historical site. Gold coral and red coral found deeper along the 385-400m contour in patches. The area identified by the ROV appeared to have the largest density and could be defined as a bed. Red coral (adult colonies) were for the first time observed growing on dead gold. Three examples of this was encountered. At the end of the dive the transect was run west off a steep carbonate cliff which was bare. The site appears to not have been harvested.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No problems

Recommendations for corrective action or improvement:

NA

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

This mission will redefine the location of the Keahole bed as a regulatory in the fishery management plan.

List specimens or samples collected on the mission.

7 gold coral clippings
7 red coral clippings
2 red coral trees
1 dead gold coral tree

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

___Precious corals – monk seal foraging_____ (project title)

held on_____ (date) in the following way:

a. CTD data by_____ (date)

b. voice transcripts, video, and still camera film by_____ (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