HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P4-031

MISSION STATUS

Location: Keahole Point, Big Island

Mission Date: Nov. 05, 2001

Maximum Depth: 452 m

Project Title: Seal – Precious Coral Interaction

Principal Investigator: Frank Parrish

Address: 2570 Dole Street
Honolulu, HI 96822

Phone: (808)983-5391

Observer 1: Frank Parrish

Address: same

Observer 2: Robert Humphries

Address: same

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

A series of zig zagging cross contour fish transects were conducted over the Keanole coral bed. Corals, primarily gold (Gerardia sp.) and red (Corallium regal), were found along the 380-390 contour. The band of corals were not continuous but rather patches. Very few fragments of dead gold were found. One piece of broken live gold was found laying on the bottom away from obvious colony. This bed was harvested in 1999 but has not been revisited by harvesters since. (on sequently before/after harvesting comparisons are not possible. Fish counts will be used with data from 2000 surveys to test fish aggregation hypothesis.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No operation 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.

All mission expectations were met.

List specimens or samples collected on the mission.

Small branch of red coral
Small branch of gold coral

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

_____ (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