

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-365

MISSION STATUS

Location: Kaneohe Bay, Sampan Pinnacle

Mission Date: Aug. 21, 1998

Maximum Depth: ~305 m.

Project Title: Characterization and Assessment of Two Types of Critical Habitat for Eteline Snappers in the Main Hawaiian Islands

Principal Investigator: Gordon Grau / Chris Kelley

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Observer 2: Greta Aeby

Address: as above

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Honolulu, HI 96822

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

The objectives of this dive were to conduct a biological survey of the Sampan Pinnacle and assess the populations of snappers (family Lutjanidae) on this feature. A survey was conducted on the three main peaks of this feature where both fish and invertebrates were videotaped. Current direction and intensity was assessed by position of whip corals at several locations. Three bait stations were deployed to attract eteline snappers. Onaga, ehu, and kalekale were successfully videotaped by conducting "lights out" stations. Juveniles of all three species were also observed and video documented.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

1. Laser scaler was difficult to keep in camera range except when the submersible was sitting on the bottom and moving close to it.

Recommendations for corrective action or improvement:

1. Mount external "sea lasers" on both Sony and Panasonic cameras.

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

Yes, onaga and ehu, in particular, were video documented in their natural habitat. A lot of images were obtained with the scaler visible that will allow for analysis of the distribution and abundance of various benthic organisms on this pinnacle. These data will be compared to that obtained on the North Channel Pinnacle and the wall formations off Ewa Beach.

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

Characterization and Assessment of Two Types of Critical Habitat for Eteline Snappers in the Main Hawaiian Islands (project title)

held on Aug. 21, 1998 (date) in the following way:

- a. CTD data by Aug. 21, 2000 (date)
- b. voice transcripts, video, and still camera film by Aug. 21, 2000 (date)
- c. other Aug. 21, 2000 (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