HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. RCV-011

MISSION STATUS

Location: Ewa Beach / Barbers Point

Mission Date: 19 Aug 98

Maximum Depth: 290m

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

Principal Investigator: Chris Kelley

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Observer 1: James D. Parrish

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Observer 2: Eric J. Conklin

Address: Same

Observer 3: Bruce Mundy
National Marine Fisheries Service
Honolulu Laboratory
Dole Street
Honolulu, HI 96822

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

The objective was to perform visual reconnaissance of the bottom along a track of ~ 4 km, moving generally from west to east at depths of ~240-300 m, recording general substrate type and bottom features as well as observations of fish and large mobile invertebrates. The ship towed the cage under power at a speed of ~ ½ kt, several meters above the bottom, and the ROV followed at an altitude of a few meters above the bottom, scanning the substrate as it moved. Porous bait bags attached to the ROV and the cage left a continuous scent trail to attract fish in the vicinity. Scientists monitored the VITS video record continuously in real time and made written notes of observations as well as voice notes on the tape. All bottom seen was basically sandy, apparently including some moderately coarse sand. Only small rock outcrops were seen occasionally in the dive. At least one eel and a few smaller fish (identifications pending) were seen, mostly at the bottom.

Dive RCV-011

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

After about half an hour of observations (from the vicinity of Way Point 3 to a little past Way Point 41, the mission was aborted because of excessive abrasion of the main support cable of the cage against the side of the ship. Strong winds prevented maneuvering to prevent this abrasion while maintaining ~~while~~ a desired track over the bottom.

Recommendations for corrective action or improvement:

No recommendations except that if the K-o-K had a dynamic positioning system, we may have been able to complete the mission.

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

The mission achieved little of its purpose. Perhaps 10% of the scheduled work was accomplished.

List specimens or samples collected on the mission.

None

Dive RCV-011

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 19, 1998 (date) in the following way:

a. CTD data by Aug 19, 2000 (date)

b. voice transcripts, video, and still camera film by Aug 19, 2000 (date)

c. other Aug. 19, 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).

Cliff Kelley Principal Investigator