

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-370

MISSION STATUS

Location: Penguin Banks (2nd finger)

Mission Date: Aug. 30, 1998

Maximum Depth: 412 m.

Project Title: Evaluation of non-lethal methods for assessment of overfished deep water snapper resources.

Principal Investigator: Robert B. Moffitt

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Observer 1: Christopher Kelley

Observer 2: Tym Catterson

Address: Hawaii Institute of Marine Biology **Address:**
P.O. Box 1346
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Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

The goal of this dive was to conduct a replicate of the 2nd finger survey conducted during P5-368 on August 28. This required performing 5, 30-minute transects and 3 bait stations to assess the number of ehu and onaga within the study area. Transects were conducted at 400, 350, 300, 250, and 200 meter depths. Bait stations were conducted at 365, 258, and 203 meter depths. Previous skid marks from the Pisces V produced during P5-368 were observed and followed on 3 of the transects generating an almost precise replicate survey. Ehu and onaga were observed in areas of hard carbonate substrate and relatively high relief. The lower bait station produced only 1 ehu while the upper 2 bait stations attracted up to 16 onaga, 8-10 ehu, many juvenile kalekale and a number of gindai.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Approximately 15 minutes of Panasonic video data was lost at one bait station because the digital video was switched to 8 mm and the observer forgot to switch it back.

Recommendations for corrective action or improvement:

Develop a means to record audio on the digital tapes by patching an audio line from either inside or outside digital cameras to observer microphones. This would eliminate need to switch camera images.

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

Yes, the pilot and training pilot extended the bottom time to ensure all 5 transects and all 3 bait stations were performed.

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

Evaluation of non-lethal methods for assessment of... (project title)

held on Aug.30, 1998 (date) in the following way:

- a. CTD data by 8/30/2000 (date)
- b. voice transcripts, video, and still camera film by 8/30/2000 (date)
- c. other 8/30/2000 (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