

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-052

MISSION STATUS

Location: Penguin Bank
Mission Date: Feb 12, 1988
Maximum Depth: 410 ft.
Project Title: Artificial Reefs
Project Leader: Jeff Polovina
Address: 2570 Dole Street
Honolulu, HI 96822

Phone: 943-1221
Observer: Robert Moffitt & Frank Parrish
Address: 2570 Dole Street
Honolulu, HI 96822

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

We surveyed the FRP and deep concrete artificial reefs, obtaining fish counts. We deployed replacement pingers at both sites. Reef fish counts were higher at the FRP reef than previously as was the spiny lobster count.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

The pinger locator device is still not very good, but by using the side scanning sonar, and some luck, Dave located the FRP reef. An accurate heading from this reef got us to the deep concrete reef.

Recommendations for corrective action or improvement:

The pinger locator must be improved. We would have managed three reefs today if it had worked properly.

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

We accomplished as much as expected in this dive in spite of a poor locator. We obtained good video and (hopefully) still photos, good visual counts of fish, and deployed our replacement pingers. As usual, the pilot and support crew put out 110%.

List specimens or samples collected on the mission.

No specimens taken.

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 Artificial Reefs
(project title) held on Feb 12, 1988 (date) in the following way:

- a. CTD data by Feb 12, 1990 (date)
- b. voice transcripts, video, and still camera film
by Feb 12, 1990 (date)
- c. other Feb 12, 1990 (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).

Project Leader