HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. 85-341

MISSION STATUS

Location: Koko Head

Mission Date: 2 May 1985

Maximum Depth: 600 fathoms

Project Title:

Project Leader: Dr. Steve Ralston

Address: National Marine Fisheries Service
Honolulu Lab
P.O. Box 3830
Honolulu, Hawaii 96812

Phone: 943-1221

Observer: Robert Moffitt

Address: Same as above.

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

The primary objective was to photograph the fish aggregating around a dive bomber for evaluation of this structure as an artificial reef. Good video footage and stills were taken of this area which had approximately 300 small fish and 4 commerical sized opakapaka associated with it.

A secondary mission was to estimate then measure set distances to tes observers ability to accurately estimate __ __ distance and area through the viewing port. This mission was not accomplished due to lack of distinguishable landmarks in the shallower portion of the dive and due to strong currents and rough bottom in the deeper portion.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

The primary mission was met successfully but the secondary mission of distance estimating was not attempted.

Recommendations for corrective action or improvement:

If distance estimates are to be conducted in the future it may be desirable to bring down brick or rocks that can be placed on the bottom by the sub several

times at various depths and separations.

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

As stated above the primary mission was fully successful. It was too bad that distance estimates were not completed but it could not be helped given the conditions.

List specimens or samples collected on the mission.

None.

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 hearby release the data archived by HURL for public consumption following mission _____ (project title) held on 2 May 1985 (date) in the following way:

a. CTD data by May 2, ~~1987~~ 1985 (date)

b. voice transcripts, video, and still camera film by May 2, ~~1987~~ 1986 (date)

c. other May 2, ~~1987~~ 1985 (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