HAWAI‘I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT (QLR) for *Pisces* and *RCV-150*

DIVE: _P4-177_____

(*Extend length of sections as needed/appropriate*)

MISSION STATUS

Location:__Makapuu precious coral bed_____

Latitude: _21° 17.532 __ **Longitude:** _157° 31.971 ___

Mission Date: **_10/31/06___** **Duration:** **_5___** hours ____ mins

Maximum Depth: _425_ meters

Project Title: ____Gold coral growth project_____

Principal Investigator: __Frank Parrish_____

Address: ____Pacific Islands fisheries Science Center NMFS____

____2570 Dole Street Honolulu, Hawaii 96744 _____

_____

Phone: ____808-983-5391_____

Observer 1: _Frank Parrish___ **Observer 2:** __Ray Boland_____

Address: _____ **Address:** __PIFSC_____

_____ ___2570 Dole St_____

_____ _Honolulu, HI 96822___

Pilot 1: _Terry Kerby_____ **Pilot 2:** _____

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

Objectives:

1) Relocate gold coral colonies (Gerardia sp.) marked in 2001.
2) Deploy new markers on additional colonies.
3) Recover archival thermographs deployed in 2001.
4) Deploy archival flow meters and themographs

QLR continued

Observations, findings, etc:

The three *Gerardia* sp. colonies were relocated and re-measured. Thermographs deployed in 2001 were recovered. Seven additional colonies were marked, 6 thermographs and two flow meters were deployed. Most of the marked colonies are distributed along the south (down current side) of a derelict line that has been on the bottom since the 1970's (pers comm Terry Kerby).

Observed Species list:

All *Gerardia* colonies encountered were identified and their sizes estimated. A sample of corallium secundum and attached crinoids were brought up for Chris Kelley to take to the Waikiki Aquarium.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No problems, all objective met.

Recommendations for corrective action or improvement:

None

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

Objectives met

List specimens or samples collected on the mission:

A sample of *Corallium secundum* and attached crinoids were brought up for Chris Kelley to take to the Waikiki Aquarium.

QLR continued

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 (Project title):

_____

_____

Held on _____ (date) in the following way:

a. CTD data by _____ (date)

b. Video and images by _____ (date)

c. Other _____(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