

HAWAI'I UNDERSEA RESEARCH LABORATORY

**QUICK LOOK REPORT
DIVE: PV-692**

MISSION STATUS

Location: East French Frigate Shoals

Latitude: 23° 55.02

Longitude: 165° 23.172

Mission Date: 11-4-2007

Duration: 8 hours

Maximum Depth: 356 m

Project Title: Gold coral growth validation study

Principal Investigator: Frank Parrish

Address:

Pacific Islands Fisheries Science Center
2570 Dole Street
Honolulu Hawaii, 96822

Phone: 808-983-5391

Observer 1: Frank Parrish

Observer 2: Brendan Roark

Address:

Address:

Same as above

Pilot 1: Terry Kerby

Pilot 2:

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

Objectives:

The objective was to revisit and re-measure gold coral (*Gerardia* sp.) colonies that were marked in from 1998 to 2003. This work was conducted as part of a larger series of dives to validate the 6 cm/yr growth rate currently used to calculate the harvest quota in the precious coral fishery. The colonies marked at EFFF 30-200 cm in height. The divers relocated markers left on the bottom (flower pots) or some other landmark that identifies the colony and then using a laser scale projected on the colonies they will estimate its size. Estimates will be made by the observer and the pilots without the benefit of knowing what the prior estimates were. A portion of the dive is spent relocating and changing out thermographs and flow meters.

Observations, findings, etc:

Fourteen marked trees were relocated and measured. The flow meter and the three thermographs were recovered and replaced with three thermographs.

Species list:

No fauna counts were made on this dive

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No limitations were encountered

Recommendations for corrective action or improvement:

NA

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

Yes

List specimens or samples collected on the mission.

NA

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