

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT

DIVE: P5-781

MISSION STATUS

Location: Keahole Point, Kona Hawaii (Big Island)

Latitude: 19 ° 48.139

Longitude: 156 ° 07.572

Mission Date: 8/21/12

Duration: 8 hours 30 mins

Maximum Depth: 409 m

Project Title: Resurvey of Keahole marked gold coral colonies

Principal Investigator: Frank Parrish

Address: 1601 Kapiolani Blvd.
Suite 1000
Honolulu Hawaii 96814

Phone: 808- 944-2181

Observer 1: Frank Parrish
Address: Same as above

Observer 2: Raymond Boland
Address: 2570 Dole Street
Honolulu, HI 96744

Pilot 1: Max Cremer

Pilot 2:

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

Objectives:

To return to coral colonies that were measured and marked five years earlier to look for change, to recover temperature data loggers, and obtain samples.

Observations, findings, etc:

Coral colonies were successfully relocated and documented using still and video photography. A temperature data logger was retrieved and successfully down loaded. And samples of two toppled gold coral trees were successfully were collected.

Species list:

The dive was focused on the occurrence of gold coral colonies (*Gerardia* sp.).

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No problems, other than having to work in a high current environment.

Recommendations for corrective action or improvement:

The current made the work more difficult but the submersible was able to conduct the planned operations.

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

!00% of the planned work was achieved.

List specimens or samples collected on the mission.

Two gold coral (*Gerardia* sp.) stumps from toppled trees
One stem of bamboo coral (*Acanella* sp.)

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)

Resurvey of Keahole marked gold coral colonies

held till 8/21/14 in the following way:

- 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).

Frank Parrish Ph.D.

Principal Investigator