

**HAWAI'I UNDERSEA RESEARCH LABORATORY**

**QUICK LOOK REPORT  
DIVE: PV-706**

**MISSION STATUS**

**Location:** Cross Seamount

**Latitude:** 18° 43.289

**Longitude:** 158° 15.629

**Mission Date:** 11-29-2007

**Duration:** 8 hours

**Maximum Depth:** 392 m

**Project Title:** Gold coral growth validation

**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:**

**Address:**  
Same as above

**Address:**

**Pilot 1:** Colin Wollerman

**Pilot 2:** Terry Kerby

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

**Objectives:**

The objective was to collect dead gold coral stumps for radiometric analysis. Also half the dive was spent at the summit area of Jurassic Park where bait stations were conducted in attempt to feed acoustic transmitters to the Cook sharks.

**Observations, findings, etc:**

A few stumps were collected. Two tags were fed to Cook sharks but they were spit out, so no tags were successfully deployed. Had the tags stayed with the sharks some receivers would have been deployed.

Species list:

Numerous cook sharks were encountered,  
Grammatonotus sp.  
Plesiobatus  
Beryx  
Polymixia  
Ijimai  
Paramola  
Gerardia  
Pennatulids  
Symphasanodon maunaloa

**MISSION EVALUATION:**

**Limitations, failures, or operational problems noted:**

None

**Recommendations for corrective action or improvement:**

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

Yes, We got some coral stumps and we learned that we can't feed tags to cook sharks.

**List specimens or samples collected on the mission.**

Four gold coral stumps were collected.

## 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