

**HAWAI'I UNDERSEA RESEARCH LABORATORY**

**QUICK LOOK REPORT DIVE: RCV-227**

**MISSION STATUS**

**Location:** Maro Reef, NWHI

**Latitude:** 25°30.606

**Longitude:** 170°25.098

**Mission Date:** 9/16/2003

**Duration:** 2 h 49 min

**Maximum Depth:** 691 m

**Project Title:** Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

**Principal Investigator:** Craig Smith & Eric Vetter

**Address:** University of Hawaii, Dept of Oceanography  
1000 Pope Rd, MSB 205  
Honolulu, HI 96822

**Phone:**

**Observer 1:** Frederic Martini

**Observer 2:**

**Address:**

**Address:**

**Pilot 1:** Dan Greeson, Steve Tottori

**Pilot 2:** Mark Drewery

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

Objectives:

Ran at constant speed, altitude, and tilt angle with laser references in field of view. Will be used for 10 min transects for comparison with sub transects at similar depths.

Start at 350 m, cross station #25 from sub dive in canyon. Continue across canyon downslope to 680 m. Sand with rock steps at 380, 500m. Otherwise sand.

Species List:

Please mark whether -single; -few (2-10); -many (11-100); -abundant (>100)  
(e.g., Symphysanodon maunaloae-many)

|                 |
|-----------------|
| Macrourids-few  |
| Chrionema-few   |
| Flatfish-single |

|                     |
|---------------------|
| Gadella-single      |
| Laemonema-single    |
| Satyrichthys-single |

**MISSION EVALUATION:**

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

**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.**

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

## **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

\_ Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

(project title)

held on 9/16/2003 (date) in the following way:

- a. CTD data by 9/16/2005 (date)
- b. voice transcripts, video, and still camera film by 9/16/2005 (date)
- c. other 9/16/2005 (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