

**HAWAI'I UNDERSEA RESEARCH LABORATORY**

**QUICK LOOK REPORT DIVE: RCV-220**

**MISSION STATUS**

**Location:** Nihoa, NWHI

**Latitude:** 23°12.9690

**Longitude:** 161°52.4530

**Mission Date:** 9/06/2003

**Duration:** 1 h 32 min

**Maximum Depth:** 428 m

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

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

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

**Phone:**

**Observer 1:** Frederic Martini

**Observer 2:**

**Address:** (UH Oceanography Affiliate)  
5071 Hana Hwy  
Haiku, HI 96708

**Address:**

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

**Pilot 2:** Mark Drewery

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

Objectives:  
Same as previous

Transect from deep to shallow on slope to cross RCV-219 track. Start at 430m - soft sediment and lots of algal clumps.

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

Physiculus sp-few
Epigonus sp.-few
Polymyxia japonica-few
Beryx decadactylus-few

Conger oligoporus-single
Synaphobranchus affinis-single
Bathycongrus guttatus-single
Chaunax umbrinus-single
Symphysanodon maunaloae-few
Halieutia retifera-single
Caelorhynchus spilonotus-few
Chrionema chryseres-few
Malacocephalus hawaiiensus-few
Plesiobatis daviesi-single

## **MISSION EVALUATION:**

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

None

### **Recommendations for corrective action or improvement:**

Digital still camera and digital video cameras would be helpful in obtaining high resolution images for species records.

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

Dive achieved its purpose.

### **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\_\_ 9/06/2003 \_\_\_\_\_(date) in the following way:

- a. CTD data by\_\_ 9/06/2005 \_\_\_\_\_(date)
- b. voice transcripts, video, and still camera film by\_\_ 9/06/2005 \_\_\_\_\_(date)
- c. other\_\_ 9/06/2005 \_\_\_\_\_(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