

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: RCV-218

MISSION STATUS

Location: Nihoa, NWHI

Latitude: 23°10.289

Longitude: 161°53.345

Mission Date: 9/05/2003

Duration: 2 h 39 min

Maximum Depth: 352 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:

General survey in/out of canyon at comparable depths.

Dive started at 260 m, crossed head of canyon. Sand waves, some coarse rubble. Patches of rock exposed by canyon edge. Then fine sand, rippled, large waves. In canyon depth to 330m, then back to 250, to 236, to 190m vertical rise to 160m, steep slope with fine sand over exposed rock patches. Dive ended at 131m.

Species List:

Please mark whether -single; -few (2-10); -many (11-100); -abundant (>100)

(e.g., *Symphysanodon maunaloae*-many)

Bembrops filifera-single
Physiculus nigripinnis-few
Gadella sp.-few
Plesiobatis daviesi-few

E. karnellai-few
Coelorhynchus sp-few
Chascanopsetta prorigens-single
Seriola dumerili-few
Nettastoma parviceps-single

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

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 went according to plan and achieved objectives.

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__ 9/05/2003 _____(date) in the following way:

- a. CTD data by__ 9/05/2005 _____(date)
- b. voice transcripts, video, and still camera film by__ 9/05/2005 _____(date)
- c. other__ 9/05/2005 _____(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