

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: RCV-222

MISSION STATUS

Location: Nihoa, NWHI

Latitude: 23°11.6100

Longitude: 161°43.5820

Mission Date: 9/08/2003

Duration: 2 h 33 min

Maximum Depth: 657 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:
Similar to previous

Transit of slope from 350-650m to complement sub work from 1200-650m. Sloping fine sand dunes to 580m then a series of steps down rock cliffs.

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

Physiculus nigripinnis-few
Symphysanodon maunaloae-few
Laemonema rhodochir-single
Caelorhynchus ppil.-few
Plesiobatis daviesi-few

C. doryssus-few
Coryphaenoides-few
Ventrifossa-few
Cryonema chryseres-few
Snyderidia?-single
Saurechelys stylurus-single
Polymixia japonica-few

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__ 9/08/2003 _____(date) in the following way:

- a. CTD data by__ 9/08/2005 _____(date)
- b. voice transcripts, video, and still camera film by__ 9/08/2005 _____(date)
- c. other__ 9/08/2005 _____(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