HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P4-098

MISSION STATUS

Location: Maro Reef, NWHI

Latitude: 25°31.9550 **Longitude:** 170°24.0912

Mission Date: 9/14/2003 **Duration:** 7 h 53 min

Maximum Depth: 1020 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: same as above **Address:**

Pilot 1: Terry Kerby **Pilot 2:** Max Cremer

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

Objectives:
PIT dive
- Set and observe bait station at 1020 m
- Pick up trap and marker at 990 m
- Collect 8 core samples at 990 m

Survey diversity with 3 x 10 minute transects at 990 m +/-
- Survey (visual) upslope, collect invertebrate specimens for ID at 800-900 m

Dive started on sandy slope within canyon at 1020 m. Followed carbonate cliff (25m high) to station set on dive 97 at 990 m. Continued up slope gradually over sand/silt or sand/gravel to 785 m. Passed two small (5m) steps and one roughly circular pit 15 m deep.

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

(e.g., Symphysanodon maunaloae-many)

macrourids-many
halosaurids-many
Rexea-single
Polymyxia-single
Sladenia-single
Ijimaia-single
Maedia abyssalis-few
Nettastoma-few
Synaphobrachus affinis-few
Plesiobatis daviesi-single
Hexatrygon bickelli-few
Squalus mitsukurii-few
Sominosus or Cookei (shark)-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__ 9/14/2003 _____(date) in the following way:

a. CTD data by____9/14/2005_____(date)

b. voice transcripts, video, and still camera film by___9/14/2005____(date)
c. other___9/14/2005_____(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