

HAWAI'I UNDERSEA RESEARCH LABORATORY

**QUICK LOOK REPORT
DIVE: R-388**

MISSION STATUS

Location: Twin Banks, NWHI

Latitude: 23 ° 6.199'N

Longitude: 163° 10.218

Mission Date: 1 Nov 07

Duration: 1 hours 31 mins

Maximum Depth: 558 m

Project Title: Deep sea coral research activities in Papahānaumokuākea Marine National Monument (Monument permit # PMNM-2007-050)

Principal Investigator: Dr. Robert B. Dunbar

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Observer 1:

Observer 2:

Address:

Address:

Pilot 1: Dan Greeson

Pilot 2: Pete Townsend

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

Objectives: The main objective for this ROV dive was to survey for a Pisces V dive for deep sea coral collection on November 2. We ran the ROV track over terrain and at depths we consider likely habitats of gold and bamboo corals.

Observations, findings, etc:

The ROV transect started out on hard carbonate substrate and proceeded up a hard low-relief carbonate slope. At about 480 meters we encountered some large patches (3 x 3 m to 5 x 10 m) of broken coral rubble (individual pieces were tubes on the order of several cm in diameter and up to 20 cm or so in length). Similar to rubble observed in 2005 at Jarvis Atoll?

Species list:

Dendrophyllia?

Malacocephalus laevis

Bathypathes

Big blood red urchins (Diadematid?)

Beryx decadactylus

See attached list by observers Chris Kelley and Jane Culp, HURL.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

This was a short ROV dive. Everything worked beautifully.

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.

Yes, the mission was successful.

List specimens or samples collected on the mission.

None

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 (project title)

held on 1 Nov 07 (date) in the following way:

- a. CTD data by immediately (date)
- b. video and images by immediately (date)
- c. other _____ (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).

Robert B. Dunbar Principal Investigator