HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT
DIVE: P4-257

MISSION STATUS

Location: Necker Ridge

Latitude: 21° 31.0' N **Longitude: 167** ° 56.0'W

Mission Date: Oct. 15, 2011 **Duration: 1** hours 20 mins

Maximum Depth: 319 m

Project Title: Biology of The Enigmatic Necker Ridge

Principal Investigator: Amy Baco-Taylor

Address:
Florida State University
EOAS-Oceanography
117 N Woodward Ave
Tallahassee, FL 32306-4320 USA

Phone: 850-645-1547

Observer 1: Erin Easton
Address: above

Observer 2: Diego Figueroa
Address: same

Pilot 1: Terry Kerby

Pilot 2:

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

Objectives:
The goal of this series of dives is to compare the hard substrate fauna of Necker Ridge to the fauna of the Hawaiian Archipelago. To address this goal, the objectives on each dive are to complete quantitative video transects and to collect representative specimens of the most abundant species. The specimens will later be identified morphologically and using DNA analyses.

Observations, findings, etc:

No scientific data was acquired during this dive because the sub was not communicating with the ship. We therefore aborted the dive.

Species list:

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

The sub was not detected by the ship, so the dive was aborted.

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.
The work was accomplished on the next dive after the communication problem was resolved.

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 (project title) : Biology of the Enigmatic Necker Ridge

a. CTD data by Oct. 29, 2013 (date)

b. video and images by Oct. 29, 2013 (date)

c. other Oct. 29, 2013 (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).

Amy Baco-Taylor Principal Investigator