HAWAI'I UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT
DIVE: P4-271

MISSION STATUS

Location: Hawaii Undersea Military Munitions Assessment Study Area

Latitude: 21° 8.0' – 12.5' N **Longitude: 157° 48.0' – 57.0' W**

Mission Date: 24 Nov 2012 **Duration: 5** hours, 24 mins

Maximum Depth: 560m

Project Title: HUMMA-III Phase 1 Field Program:
Submersible and Remote Camera Operations, Mass Spectrometer Transects

Principal Investigator: Margo Edwards

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School of Ocean and Earth Science and Technology
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Observer 1: N/A **Observer 2:** N/A
Address: **Address:**

Pilot 1: Terry Kerby **Pilot 2:** Colin Wollerman

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

Objectives: Pisces IV will pick up the WHOI time-lapse camera, which was lowered to the seafloor on the hydrowire yesterday, and deploy it near M47 munitions for a four-day time-lapse photographic record of behavior of biota around munitions. If time permits, Pisces IV will meet up with Pisces V and both subs will undertake reconnaissance surveys.

Dive Summary: As planned, Pisces IV took time to survey and find an optimal site for deploying the time-lapse camera. They found a good site and deployed Marker 28, but the current was problematic in terms of trying to position the camera, so they departed to find another site. Ultimately they could not find a better site, so Pisces IV returned to the time-lapse camera and pulled it onto the sample basket platform (which was otherwise devoid of sampling gear). Pisces IV then returned to Marker 28 and was able to deploy the time-lapse camera thanks to a reduction of current strength and Terry's patience. After the camera was put in place and documented, Pisces IV joined Pisces V and together the subs conducted a reconnaissance survey. Pisces IV left the bottom before reaching Target Cluster C.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Nothing to report.

Recommendations for corrective action or improvement:

None.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

This dive achieved its purpose.

List specimens or samples collected on the mission.

Nothing to report.

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_____(date) in the following way:

a. CTD data by_____(date)

b. video and images by_____(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).

_____Principal Investigator