

**HAWAI'I UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT  
DIVE: P5-792**

**MISSION STATUS**

**Location:** Hawaii Undersea Military Munitions Assessment Study Area

**Latitude:** [REDACTED]

**Longitude:** [REDACTED]

**Mission Date:** 29 Nov 2012

**Duration:** 6 hours, 43 mins

**Maximum Depth:** 589m

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

**Principal Investigator:** Margo Edwards

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**Phone:** (808) 956-5232

**Observer 1:** Mike Knudsen  
**Address:** ECBC

**Observer 2:** Sean Cripps  
**Address:** 93<sup>rd</sup> Civil Support Team

**Pilot 1:** Terry Kerby

**Pilot 2:** N/A

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

**Objectives:** The goal is for Pisces V to finish sampling minimally breached munitions today. If successful, by the end of this dive we will have completed 75% of the sampling collection for the human-occupied vehicle (HOV) portion of the HUMMA-III program. If time permits during today's dive, which is likely, Pisces V will conduct reconnaissance surveys to the southeast of this easternmost field of previously identified M47 munitions.

**Dive Summary:** The sub was launched about 0811L and was on bottom by 0849L. As minimally breached munitions are more difficult to find, it took Pisces V until 0928L to locate a suitable munitions casing and commence sampling. Marker 29 was deployed at the site. Sampling was completed by 1151L and Pisces V began its reconnaissance survey. At 1342L a brisingid with multiple lesions was collection from an M47 munitions. By 1350L a combination of strong current and less battery charge due to using the repaired unit had Pisces V low on power, so the decision was made to use the current as propulsion for the recon effort. This meant that the final part of the transect was conducted to the west, where no information about M47 munitions was available from previous surveys. Several were encountered and are noted in this section of the report.

**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.**

<b>P5-792</b>	<b>Sediment</b>	<b>Shrimp*</b>	<b>Box Core</b>	<b>Brisingid</b>	<b>Water</b>
<b>Daily Samples</b>	16	3	1	1	0
<b>Total Samples</b>	115	27	9	3	2

## 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