

**HAWAI'I UNDERSEA RESEARCH LABORATORY**

**QUICK LOOK REPORT  
DIVE:**

**MISSION STATUS**

**Location:** Mamala Bay

**Latitude:** 21° 11.24' N

**Longitude:** 157° 51.28' W

**Mission Date:** 1/25/2010

**Duration:** 3 hours 51 mins

**Maximum Depth:** 560 m

on bottom 11:12

**Project Title:** DBEDT Interisland Cable Survey

leaving bottom 15:03

**Principal Investigator:** Christopher Kelley

**Address:** HURL

**Phone:** 808-956-7437

**Observer 1:** Kathryn MacDonald

**Observer 2:** Allen Kam

**Address:**

**Address:** DBEDT

3027 Pulei Circle  
Honolulu, HI  
96815

**Pilot 1:**

**Pilot 2:**

T. Kerby

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

Objectives: To survey a 2 mile section of the intended interisland cable route to determine whether chemical munitions are present.

Observations, findings, etc:

We observed several 100lb bombs which we believe to be chemical munitions. There were few targets on the route we surveyed, but in the surrounding areas we identified several bombs of the approximate length of 4ft with a tapered nose and square fins. Most bombs were collapsed and often had rust colored substances in or around the bomb. Most were too deteriorated to be able to identify with paint, but one was in very good condition. We were able to clearly make out two distinct green bands signifying a chemical weapon. The similarities between this identifiable bomb and the ones in the surrounding area were unmistakable. We also saw multiple metal frameworks, which Terry believes to be aerial bomb crates due to the four distinct holes at either end. Brass casings were observed throughout the dive.

Bombs were dispersed, but toward the end of the dive we seemed to be getting a lot of hits on the radar, and we believed we were in an area of more dense disposal of the chemical munitions.

Species list:

**MISSION EVALUATION:**

**Limitations, failures, or operational problems noted:**

n/a

**Recommendations for corrective action or improvement:**

n/a

**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 a success, we were able to survey the route, and identify chemical munitions in the surrounding area.

**List specimens or samples collected on the mission.**

n/a

## 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 1/25/09 (date) in the following way:

- a. CTD data by 1/25/11 (date)
- b. video and images by 1/25/11 (date)
- c. other 1/25/09 (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