

HAWAI'I UNDERSEA RESEARCH LABORATORY

**QUICK LOOK REPORT
DIVE: P6-743**

MISSION STATUS

Location: Mamala Bay

Latitude: 21° ___ ' N

Longitude: 157° ___ ' W

Mission Date: 1/27/2010

Duration: hours mins

Maximum Depth: 545 m

on bottom 0923

Project Title: DBEDT Interisland Cable Survey

leaving bottom 1501

Principal Investigator: Christopher Kelley

Address: HURL

Phone: 808-956-7437

Observer 1: Sandy Shor

Address: HURL

Observer 2: Rachel Orange

Address: HURL

Pilot 1: Max Cremer

Pilot 2:

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

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

Observations, findings, etc:

Upon reaching the bottom we began to survey the cable route heading west. We encountered a large boulder at 10:03. Shortly after leaving the boulder we started to see bombs believed to be of the MK47 100 lb mustard gas type along the cable route. At 10:28 we observed a group of MK47s, one of which had a clear green band visible. At 10:58 and 11:29 we observed large (~6-ft tall) blue hedgehog-like bombs. At 11:42 we landed on a very large rock that was covered with brisingids and other organisms; we took a break there for lunch. Continuing along the survey route we encountered another MK47 and some ammunition. AT 12:22 we found a 1920s era car that was in very good condition and sitting upright. Near the car was a cluster of cable that could be an entanglement hazard. Continuing along the survey route there was a long section of clean sand with no bombs. Then we entered an area of small debris where we found an old mug and collected it. At 13:42 we saw an "HS" like bomb with short fins. At 13:57 we ended the survey along the "green line" and proceeded to explore a "pink" speckle section to the southeast. Another short-finned HS type bomb was observed at 14:12. At 14:26 and 14:32 we observed unknown objects that appeared to be a cluster of pipes bound together with some sort of white material on the inside. At 14:48 we passed through a debris field and then left the bottom from 530m at 15:01.

Species list:

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

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.

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 1/27/09 (date) in the following way:

- a. CTD data by 1/27/11 (date)
- b. video and images by 1/27/11 (date)
- c. other 1/27/09 (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