

**HAWAI'I UNDERSEA RESEARCH LABORATORY**

**QUICK LOOK REPORT**

**DIVE: R-457**

**MISSION STATUS**

**Location:** Mamala Bay

**Latitude:** 21° 15.392' N

**Longitude:** 157° 58.259' W

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

**Duration:** 3 hours 7 mins

**Maximum Depth:** 492 m

on bottom 19:11

**Project Title:** DBEDT Interisland Cable Survey

leaving bottom 21:43

**Principal Investigator:** Christopher Kelley

**Address:** HURL

**Phone:** 808-956-7437

**Observer 1:** Christopher Kelley

**Observer 2:** Sandy Shor

**Address:** HURL

**Address:** SOEST

**Pilot 1:** Dan Greeson

**Pilot 2:** Peter Townsend

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

Objectives: To survey a 2.5 mile section of the intended interisland cable route to determine whether munitions or other obstructions are present.

**Observations, findings, etc:**

No chemical munitions were seen on this dive, however conventional munitions were encountered and included naval rounds, ammo boxes, gun round stacks, bombs, and a depth charge. Other debris included airplane parts, including a wing root section, barbed wire bundles, liquid tank, and a propeller blade. The substrate was generally sediment, with sand dunes being common.

**Species list:**

**MISSION EVALUATION:**

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

The ROV completed the mission although it looked like it was going to have problems both the TMS video and ROV video during part of the dive.

**Recommendations for corrective action or improvement:**

None except its time for HURL to purchase a new ROV.

**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 this section of the route which allowed us to conduct all three submersible dives in the MK47 field. This completion of this ROV dive was very important to the overall project success.

**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 1/25/10 (date) in the following way:

- a. CTD data by 1/25/12 (date)
- b. video and images by 1/25/12 (date)
- c. other 1/25/12 (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