

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT

DIVE: P5-603

MISSION STATUS

Location: adjacent SE sector Pearl Harbor Defensive Sea Area

Latitude: ■■■

Longitude: ■■■

Mission Date: 12/09/04

Duration: 7 hours 05 mins

Maximum Depth: 365m

Project Title: NOAA/HURL/NPS maritime heritage survey Pearl Harbor entrance

Principal Investigator: Dr. Hans Van Tilburg

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Observer 1: Jeremy Weirich
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1315 East West hwy 10th floor
Silver Spring, MD 20910

Observer 2: Jon Jarvis
Address: NPS Pacific west region
1111 Jackson Street suite 700
Oakland, CA 94607

Pilot 1: Max Cremer

Pilot 2:

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

Objectives: Conduct non-invasive ground truth survey of side scan sonar targets and complete video and sonar documentation of vessel/aircraft sites, assisting with maritime heritage inventory within Oahu Defensive Sea Area/Pearl Harbor National Landmark. Target site possible crash of US Navy Martin "Marshall Mars" flying boat bureau number 76822.

Observations, findings, etc:

Data (digital still and video data, sonar scans, depth and position data, CTD data) gathered on US Navy JRM-3 Martin "Marshall Mars" flying boat crash site, lost April 5 1950. Pending confirmation of site identity via hull bureau number/lettering, construction design elements, and individual life jacket. Three other side scan sonar targets to north of JRM-3 survey area also identified/ground truthed.

Species list:

Multiple component wreck site, including:

- 1) nose and hull section concentration,
- 2) engine and wing section concentration,
- 3) scattered debris areas.

Components show explosion/fire damage.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Tritech SeaKing sonar on Pisces V not functioning properly, not usable.

Recommendations for corrective action or improvement:

Thorough systems testing prior to working dives

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

Yes. Sonar scans to possible due to malfunctioning sonar, but video and digital still photography data collected.

List specimens or samples collected on the mission.

Non-invasive (non-excavation) survey

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 NOAA/HURL/NPS maritime heritage survey Pearl Harbor entrance

held on 12/09/04 (date) in the following way:

- a. CTD data by 12/09/04 (date)
- b. video and images by 12/09/06 (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).

for State and federally managed waters, and particularly for government (navy) owned properties, specific position information for historic/archaeological sites is sensitive/protected data (not subject to FOIA) and not publicly released

_____ Principal Investigator