Rev. 10-22-04

# PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-215 Date: MARCH 17, 2009

Observer 1: ERIC DE CARLO

Affiliation: UH OCEANOGRAPHY

Observer 2: CHRIS HAGLER

Affiliation: ECBC

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: ROS, MINI-ZEUS

Manipulators: HYDO, ORION

Samplers/Sensors: SEDIMENT SCOOPS, WATER SAMPLERS, PUSH CORERS, MARKERS, CTD-DO

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: ROSS BARNES

Dive Location: OFF PEARL HARBOR

Latitude: [redacted]

Longitude:

Time of Dive: 0840

Time of Surface: 1445

Time Submerged: 6:05

Time Thru Last Dive: 1522:24

Total Time to Dive: 1528:29

Dive Depth: 508 m

Water Depth: 508 m

Water Temperature: refer to CTD log

Visibility: good, 15+ m

Dive Results/Remarks: TWO-SUB DIVE FOR HUMMA ORDNANCE SURVEY. 0913 508m land on bottom in flat, sandy terrain. 0943 rendezvous with PV at MKR #12 to collect water samples: Samples 1P and 1E at position A6; Samples 1F and 1I at position A2. 1012 complete water sampling at MKR #12. 1014 move WSW in search of suitable sampling location. 1031 507m setting up sample station near two possible chemical rounds. Deploy MKR #18. Collect the following suite of samples: Water #1K at pos. A5; Water #1J at pos. A5; Water #10 at pos. A6; Water #1L at pos. A6; Sediment #49, pos. A7; Sed. #12, pos. A8; Sed. #3, pos. B5; Sed. #38, pos. B4; Push core #2, pos. A2; Sed. #32, pos. A2; Sed. #10, pos. B2; Sed. #54, pos. B2. 1250 complete sampling at MKR #18. Using the remainder of the dive to explore in a westerly direction. 1330 moving W in a field of ordnance, mostly incendiary type cluster bombs. 1400 leave bottom from 506m. Normal recovery.

Equipment Deficiencies: NONE OF NOTE

Pilot's Signature: [signature] Date: 4-2-09

Operations Director: [signature] Date: 4-3-09