Rev. 11-21-09

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: PIV-240 Date: October 2, 2010

Observer 1: COLIN WOLLERMAN (PIT)

Affiliation: HURL

Observer 2: JOHN SMITH

Affiliation: HURL

Purpose: Research (Training) (Test)

Other:

Special Equipment:

Cameras: ROS, HD

Manipulators: ORION, HYCO

Samplers/Sensors: SAMPLE CRATE

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: ROSS BARNES

Dive Location: SW OAHU

Latitude: [redacted]

Longitude:

Time of Dive: 0928

Time of Surface: 1545

Time Submerged: 6:17

Time Thru Last Dive: 1712:04

Total Time to Dive: 1718:21

Dive Depth: 950 m

Water Depth: 950 m

Water Temperature: ~5°C @ 950 m

Visibility: GOOD, 15+ m

Dive Results/Remarks: SECOND OF THREE, TWO SUB TEST & TRIAL DIVES. 1026 896m land on bottom in a flat, sandy area. 1040 trim and ballasting ok. Colin Wollerman to conduct dive operations. 1057 setting up for tracking exercise #1, P4 will track P5. 1059 commence Xing exercise #1, P5 in 27kHz pinger mode. 1123 P5's HMI in sight. 1127 rendezvous with P5. 1138 move to target "Q", about 850m to SW. 1214 start Xing exercise #2, P5 will track P4. P4 goes into 27kHz pinger mode, depth 921m. 1239 P5 locates P4. 1245 move SW toward target "S", about 1700 m away. 1344 950m locate large wreck, hovering above bow, observing P5 examining ship at close distance. 1422 948m P5 deploys tracking transponder for calibration purposes. Transponder deployed 30m S of mid-section of the wreck. 1439 leaving the bottom from 948 m. Normal recovery.

Pilot's Signature: [signature] Date: 10-14-10

Operations Director: T. Kerby Date: 10-14-10

For equipment deficiencies, refer to maintenance logs.