Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: MRX CREMER Dive #: PISCES IV - 194 Date: SEPTEMBER 25, 2007

Observer 1: COLIN WOLLERMAN (PIT)

Affiliation: HURL SUB OPS

Observer 2: JOHN SMITH

Affiliation: HURL

Purpose: Research (Training) (Test)

Other:

Special Equipment:

Cameras: SONY, ROS

Manipulators: ORION, HYCO

Samplers/Sensors:

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: ROSS BARNES

Dive Location: OFF PEARL HARBOR

Latitude: 21° 14.12' N

Longitude: 157° 55.35' W

Time of Dive: 1058

Time of Surface: 1608

Time Submerged: 5:10

Time Thru Last Dive: 1381:55

Total Time to Dive: 1387:05

Dive Depth: 505 m

Water Depth: 505 m

Water Temperature: —

Visibility: CLEAR

Dive Results/Remarks: TWO-SUB DIVE AS PART OF 2007 TEST & TRIALS. 1134 On bottom at 487m. 1230 486m begin tracking exercise after trimming and ballasting the sub. PISCES IV tracks PISCES V, which goes into 27 kHz pinger mode in 5 minute intervals. 1301 locate P5 at 21° 13.779' N, 157° 55.470' W. [INSERT: Prior to P4 tracking P5, the P5 had successfully tracked the P4.] 1305 Following P5 to the East, investigating sonar contacts. 1328 493m collect a cup. 1330 continuing in an easterly direction. 1339 located large accumulation belt at 21° 13.763' N, 157° 55.454' W. 1400 494m located area of large lawsers and rectangular shaped boxes at 21° 13.640' N, 157° 55.405' W. 1404 moving S to examine a side scan target about 640m away. 1513 505m joining P5 at target which turned out to be a stripped vessel. 1523 leaving the bottom from 505m. Make a normal recovery.

Equipment Deficiencies: Utility hydraulic system shuts down frequently.

Pilot's Signature: Date: Sept. 29, 2007

Operations Director: Date: Sept 30, 2007