Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: PISCES IV-193 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 KAIHIKAI-O-KANALOA

Captain: ROSS BARNES

Dive Location: OFF PEARL HARBOR

Latitude: 21° 14.2' N

Longitude: 157° 55.5' W

Time of Dive: 0911

Time of Surface: 1005

Time Submerged: 0:54

Time Thru Last Dive: 1381:01

Total Time to Dive: 1381:55

Dive Depth: 100 m

Water Depth: 477 m

Water Temperature: —

Visibility: clear

Dive Results/Remarks: FIRST PISCES IV DIVE OF 2007 TEST & TRIALS. Shortly after leaving the surface on ascent due to seawater intrusion was triggered in the upper battery pod. The depth at that time was about 20 m. The submersible was very heavy and consequently, the descent was only stopped at 100 m. Soft ballast was not used. A decision was then made at 0934 to abort the dive. 0936 75 m clearance to surface given by HOK. 0940 surfacing and heading initially 180° for recovery. Make a normal recovery.

Equipment Deficiencies: Magnetic vent check valve on upper battery pod failed to check.

Pilot's Signature: [signature] Date: Sept. 29, 2007

Operations Director: T. Kerby Date: Sept 30, 2007