Rev. 09-06-12

# PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-276 Date: OCTOBER 20, 2014

Observer 1: JOHN SMITH

Affiliation: SOEST / HURL Dive Location: SOUTH OAHU

Observer 2: LEADSBY 180# Latitude: 21° 12.216' N

Affiliation: HURL BALLAST Longitude: 158° 03.445' W

Purpose: Research Training (Test) Time of Dive: 13:10

Other: Time of Surface: 1446

Special Equipment: Time Submerged: 1:36

Cameras: MINI-ZEUS HD, ROS SD Time Thru Last Dive: 1946:02

Manipulators: ORION 7P, HYCO Total Time to Dive: 1947:38

Samplers/Sensors: SEDIMENT SCOOPS (2) Dive Depth: 540 m

Water Depth: 589 m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: a/a

Captain: DON JACK Visibility: GOOD

Dive Narrative: 2014 DIVE SEASON TEST DIVE #1.

1404 540m Abort dive out of an abundance of caution. Thin sphere indicator displayed possible breach of aft ballast tank. In combination with several other, non-critical, failures, such as ground faults in lights and thrusters, this led to the decision to abort. Time spent addressing these issues would be a good investment for a successful second dive.

Ascent and recovery were uneventful.

Pilot's Signature: Date: 10-22-14

Operations Director: Jerry Kirby Date: 10-27-14