Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-277 Date: OCTOBER 21, 2014

Observer 1: SCOTT REED

Affiliation: HURL

Observer 2: LEADSBY 180#

Affiliation: HURL BALLAST

Purpose: Research Training (Test)

Other:

Special Equipment:

Cameras: MINI-ZEUS HD, ROS SD

Manipulators: ORION 7P, HYCO

Samplers/Sensors: SEDIMENT SCOOPS (2)

Support Vessel: R/V URIHURI-O-KAHALOA

Captain: DON JACK

Dive Location: SOUTH OAHU

Latitude: 21° 09.820' N

Longitude: 158° 06.715' W

Time of Dive: 1121

Time of Surface: 1655

Time Submerged: 5:34

Time Thru Last Dive: 1947:58

Total Time to Dive: 1953:12

Dive Depth: 1491 m

Water Depth: 1491 m

Water Temperature: 3.2°C @ 1491 m

Visibility: GOOD 15+ m

Dive Narrative: 2014 DIVE SEASON TEST DIVE #2.

1230 972m land on the bottom on a rocky slope with large lava flow features and sandy pockets. After adjusting trim and ballast, move SW to rendezvous with PISCES V. P5 is nearby, and after a brief rendezvous, following P5 downslope to SW. 1400 1190m taking SEDIMENT SCOOP #15. 1421 continue moving SW to deeper water. 1514 1485m investigating side scan anomaly which turned out to be a rock outcrop. Taking SEDIMENT SCOOP #25. 1537 1491m Leaving the bottom. All critical systems, ballast & trim, power distribution, life support, propulsion, lights, manipulators, tracking and communications, performed satisfactorily.

Ascent and recovery uneventful.

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

Operations Director: D. Kerby Date: 10.27.14