PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-155 Date: August, 11, 2006

Observer 1: Max Cremer - Pilot

Affiliation: HURL Sub ops Dive Location: Barbers Pt

Observer 2: Doug Bloedorn Latitude: 21° 12.479' N

Affiliation: HURL Sub ops. Longitude: 158° 07.501' W

Purpose: Research (Training) Test Time of Dive: 1012

Other: Time of Surface: 1705

Special Equipment: Time Submerged: 6:53

Cameras: ROS Time Thru Last Dive: 1113:57

Manipulators: HYCO, Orion Total Time to Dive: 1120:50

Samplers/Sensors: Dive Depth: 1546 m

Water Depth: 1546 m

Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 9.0°c @ 400m

Captain: Ross Barnes Visibility:

Dive Results/Remarks: Pisces IV test and training dive. Dive plan is to start in 900m and run to 1500m. 1107 Land on a sandy bottom with rock outcrops in 834m. Cannot flood water into ballastsphere. Collect rocks for forward ballast weights. Investigate a target to the west. Rock outcrops and boulder fields. 1228 917m moving SW. 1330 At 1200m Moving to the SW. Still having problems with the utility hydraulics cutting out. 1530 Moving over low angle sandy bottom. Stop at 1546m. 1540 Leave the bottom from 1546m. Make a normal recovery.

Equipment Deficiencies:

Pilot's Signature: Terry Kerby Date: 8/11/06

Operations Director: Date: 8/11/06