Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: T. Kerby Dive #: PIV-219 Date: Nov 16, 2009

Observer 1: Steve Price

Affiliation: HURL PIT

Observer 2: John Smith

Affiliation:

Purpose: Research (Training) (Test)

Other:

Special Equipment:

Cameras: Insite Mini Zeus HD - ROS

Manipulators: Orion, HYCO

Samplers/Sensors:

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: Off of Waimae

Latitude: 21° 21.378' N

Longitude: 158° 12.963' W

Time of Dive: 1011

Time of Surface: 1747

Time Submerged: 7:36

Time Thru Last Dive: 1546:28

Total Time to Dive: 1554:04

Dive Depth: 1302 m

Water Depth: 1302 m

Water Temperature: 6.2° @ 1302 m

Visibility:

Dive Results/Remarks: Two sub test dive. Pisces IV launches first. 1100 Land on a flat muddy bottom in 915m. 1118 Begin Pilot training manipulator exercise to take sediment scoop sample. 1143 Complete taking sample, Pisces V is on the bottom. 1200 Pisces V has started moving to deeper water. 1227 Begin pilot training tracking exercise. Do not pick up a signal, R & B from ship. 1356 Locate Pisces V. Complete tracking exercise. Move to the WSW. 1425 1213m Begin second tracking exercise. Pisces V is tracking Pisces IV. 1505 Pisces V locates Pisces IV. Depth 1214m. 1509 Pisces V leaves the bottom. 1543 Moving to the WNW 1600 1302m. Take sediment scoop. 1618 1302m Leave the bottom. Make a normal recovery.

Equipment Deficiencies:

Pilot's Signature: T. Kerby Date: 11/16/09

Operations Director: T. Kerby Date: 11/18/09