

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-862 Date: Sept 9, 2016

Observer 1: Jan War

Affiliation: NELHA

Observer 2: Laurence Sombardier (F)

Affiliation: NELHA

Purpose: Research Training Test

Other: Pipe Inspection

Special Equipment:

Cameras: HD Mini Zeus - SD ROS

Manipulators: Titan 4 - HYCO

Samplers/Sensors:

Dive Location: 55" Pipe Keahole Pt.

Latitude: 19° 42.378' N

Longitude: 156° 04.295' W

Time of Dive: 1042

Time of Surface: 1813

Time Submerged: 7:31

Time Thru Last Dive: 3786:42

Total Time to Dive: 3794:13

Dive Depth: 869m

Water Depth: 869m

Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature:

Captain: Mike Hoshlyk Visibility:

Dive Results/Remarks: Single sub dive to inspect the 55" pipe. Pipe is actively pumping. Will survey seawater intake for biofouling plus all zincs, pendant anchors & hardware, holdfasts, floats, collar joints and bottom wt. positions & condition. 1142 @ 14m land on a low angle sandy bottom. End of pipe is 540m S @ 190°. 1219 869m at pipe. Inspect intake. Coated with barnacles 1300 Move up the pipe. 1323 @ 32m inspecting zincs and hardware on bottom anchors as we move up the pipe. 1400 @ 15m moving up pipe. 1427 448m. In steeper terrain inspecting pendants and bottom anchors. Must get Pisces under the pipe to inspect pendants, anchors, zincs and hardware. 1523 348m at pendant #106. 1604 258m at anchor #104. 1731 95m on top of wall testing zinc on collar anchor.

Equipment Deficiencies: 1733 95m begin moving offshore for recovery 1751 Far enough offshore. Dump wts at 147m.

Pilot's Signature: Terry Kerby Date: 9/23/16

Operations Director: Terry Kerby Date: 9/23/16