

PISCES V DIVE REPORT

Pilot: Terry Kerby
 Observer 1: Jan War
 Affiliation: NELHA
 Observer 2: Alex Leonard
 Affiliation: NELHA
 Purpose: Research Training Test
 Equipment Used:
 Cameras: Mini Zeus HD-205 SD
 Manipulators: Titan 4, Hyco
 Samplers & Sensors:
 Support Vessel: R/V Kaimikai-O-Kanaloa
 Captain: Mike Hoshlyk

Dive #: P5-865 Date: Sept 11, 2016
 Dive Location: Keahole Pt 18" Nelha Pi
 Latitude: 19°43.333'N
 Longitude: 156°04.427'W
 Time of Dive: 0907
 Time of Surface: 1624
 Time Submerged: 7:17
 Time Thru Last Dive: 3802:33
 Total Time to Dive: 3809:50
 Dive Depth: 665m
 Water Depth: 665m
 Water Temperature:

Dive Narrative: Single sub dive to survey NELHA 18" pipe as well as all old Ocean Farms Pipes. 0948 567m land on a sandy bottom. 1009 566m. Move to the SE. 1015 Follow a 16" pipe to kink around a rock at 574m. Pipe 16A. 1031 Follow parallel pipe 18c to intake at 613m. 1058 583m moving south. At pipe 18B. 1114 Moving south. 1117 Locate pipe 18a 1123 At holdfast for pipe 18a 629m. 1129 653m at elevated end of intake for 18a. 8m off bottom. Follow chain and cable down to offshore anchor at 641m. 1142 Move S. 1150 658m. At end of pipe 16B. 1158 656m Move up pipe 16B. 1202 627m Move S. 1208 Locate NELHA pipe 18. Inspect fish plates. Move down pipe to intake. 665m at end of pipe. Intake is 5.8m off bottom. 1251 619m begin moving up pipe to start inspection. 1300 Under pipe inspecting pendent anchors. 1400 426m moving up pipe. Pendent lines hanging free. Released anchor weights. Floating catenary. Floating catenary all the way up to the ledge.

Pilot's Signature: Terry Kerby
 Operations Director: Terry Kerby

Date: 9/26/16
 Date: 9/26/16

Over

1444 138m Move North. Counting pipes. 1503 122m
moving N. 1530 120m Moving N going over pipes.
6 pipes. 1541 113m Move W. Move South over 6 pipes.
Move N again over 6 pipes. Surveyed North and South
counting 6 pipes in shallow water. All accounted for.
Floating pipe off of Maui is still a mystery. 1601
Leave the bottom from 107m 1609 On the surface.
1615 On Tow, 1621 Secure on deck.