

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-709 Date: December 3, 2007
 Observer 1: Jan War
 Affiliation: NELHA Dive Location: Keahole Pt.
 Observer 2: Dale Jensen Latitude: 19°42.624'N
 Affiliation: Makai Ocean Engineering Longitude: 156°03.631'W
 Purpose: Research Training Test Time of Dive: 0803
 Other: Survey 55" Coldwater Pipe Time of Surface: 1540
 Special Equipment: Time Submerged: 5:37
 Cameras: Sony DV-ROS Time Thru Last Dive: 4778:07
 Manipulators: Titan-HYCO Total Time to Dive: 4783:44
 Samplers/Sensors: CTD Dive Depth: 939m
 Water Depth: 939m
 Support Vessel: R/V Kaimikai-o-Kenaka Water Temperature: 4.2°C @ 939m
 Captain: Ross Barnes Visibility: _____

Dive Results/Remarks: Piscus V dive to survey NELHA 55" coldwater pipe. 0824 Land in rocky sandy terrain in 126m. 0826 Move to the SE. 0833 Locate 55" pipe at 99m. 0838 99m on pipe wt in position 19°42.590'N 156°03.493'W. 0840 Continue E up pipe to bend. 0850 71m. Inspect flange joint at pipe bend. Move down the pipe to the west. 0913 127m at transition area where pipe goes over a dropeff. Inspecting floatation, pendants and weights on pipe at transition point. 1054 269m at wt. #104. Wt#105 is missing. 1101 257m moving west down pipe. 1223 510m at weight #119. 1248 613m at wt. #136. Floating line on pipe wt. 1255 617m. At pipe wt. #140. Floating line on pipe wt. 1338 Equipment Deficiencies: 901m at bottom fold segt. 1355 906m Cutting lines. Locate 3 floating poly pro lines that present a serious entanglement hazards. Cut away lines with hydraulic cutter. 1417 at 923m at intake. 1437 939m Leave the bottom

Pilot's Signature:

Terry Kerby

Date:

12/8/07

Operations Director:

Terry Kerby

Date:

12/8/07