

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-708 Date: December 2, 2007
 Observer 1: Jan War
 Affiliation: NELHA Dive Location: Keahole Pt.
 Observer 2: Dale Jensen Latitude: 19°43.607'N
 Affiliation: Makai Ocean Engineering Longitude: 156°04.016'W
 Purpose: Research Training Test Time of Dive: 0805
 Other: Cold Water pipe surveys Time of Surface: 1615
 Special Equipment: Time Submerged: 8:10
 Cameras: Sony DV - ROS Mission Cam Time Thru Last Dive: 4769:57
 Manipulators: Titan Total Time to Dive: 4778:07
 Samplers/Sensors: CTD Dive Depth: 710m
 Water Depth: 710m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 4.9°C
 Captain: Ross Barnes Visibility: _____

Dive Results/Remarks: Survey NELHA 40" and 18" coldwater pipes. 0820 Land on a flat sandy bottom in 108m. 0839 110m Moving south. 0852 121m. Locate 40" pipe. Move west down the pipe conducting a survey of the condition of the pipe, pipe anchors, flanges, holdfasts, and chains & shackles. 0909 124m at pipe holdfast to 40 ton transition anchor. One side of the chain to the bridle plate has parted and the bridle plate has pulled through the pipe anchor wt. The pipe anchor has slid down the pipe to the transition point. Pipe wt. #51. 0933 146m at transition anchor. 0945 Top of pipe arc at 123m. Dropping down pipe. 1206 437m Several floating polypro lines fouled on pipe. Serious entanglement hazard. 1122 278m at mid Equipment Deficiencies: holdfast. 1315 710m at bottom anchor of 40" pipe. 1330 710m Move south to 18" NELHA pipe. Cross several lockwood pipes 1425 579m at NELHA 18" pipe. Conduct survey up pipe. 1549 Leave bottom from 128"

Pilot's Signature: Terry Kerby Date: Dec 6 2007

Operations Director: Terry Kerby Date: 12/6/2007