

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number 266
 Observer Dale Jensen Wt. _____ Date Dec. 2, 1995
 Observer Title/Affil. _____
Makai Ocean Engineering
 Observer Jim War Wt. _____
 Observer Title/Affil. _____
Natural Energy Lab of Hawaii
 Dive Location Keahole Pt. Hawaii Time of Dive 0726
 Lat. 19° 43.6' N Long. 156° 04.0' W Time of Surface 1650
 Time Submerged 9:24
 Time Thru Last Dive 1513:31
 Purpose: Research Training Demo Total Time to Dive 1522:55
 Other Pipeline Survey Dive Depth 665m
 Special Equip.: Water Depth 665m
 Camera (type) Panasonic, Sony, Water Temp. 4.7°C
 Manipulator Hyco - Titan Visibility _____
 Other _____ ABT # at Neutral

Support Vessel R/V Kila Captain Ross Barnes

Dive Results/Remarks: Seas calm. Land on a flat sandy bottom at 116m. Move North. Locate NELH 18" pipe at 122m. Move up pipe and inspect anchor blocks, straps and zincs. Turnaround at 76m. Move down pipe. Test condition of zincs. Move down pipe. Inspect pipe and some pendent anchors. Anchor blocks and pendent anchors are in good condition. 1117 At NELH 18" pipe intake at 624m. Water temp. 4.9°C. Move N. to locate more pipes. 1223 Locate 16B. 658m at intake for 16B. 1244 Move up 16B. Locate crossover 18A. Go down 18A to intake. Locate intake at 634m. Off shore anchor line is draped over pipe and coiled around on the bottom under the intake section of the pipe. Water temp. 4.7°C. Move up 18A to crossover at 16B. Go up 16B. Many crossovers from 18A & B. Locate an uncharted 18" pipe that crosses over 18A, 18B and 16B. Suspect it to be 18C. Move down pipe. 18" pipe comes within 10 feet of 16A. Move to intake at 612m. Pipe is 18C. Move up 18C. Follow 18C to transition area. Move up a long bridging span. Pipe is about 30' off of bottom. 18D crossed over 18C in this area. 18D moves off to the North. Move up 18C to 124m where pipe lays on top of a PVC pipe. Move offshore. Surface from 136m. Normal recovery.

Pilot T. Kerby Date 12/3/95
 Ops. Mgr JRK Date 12/3/95