

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number 265
 Observer Dale Jensen Wt. _____ Date Nov. 30, 1995
 Observer Title/Affil. _____
Makai Ocean Engineering
 Observer Jan War Wt. _____
 Observer Title/Affil. _____
NELH
 Dive Location Keahole Pt. Hawaii Time of Dive 0735
 Lat. 19°43.6'N Long. 156°04.0'W Time of Surface 1751
 Purpose: Research Training Demo Time Submerged 10:16
 Other Survey Contract to inspect Time Thru Last Dive 1503:15
 Special Equip.: Pipelines Total Time to Dive 1513:31
 Camera (type) Sony Hi-8, Panasonic-Photosee Dive Depth 710m
 Manipulator Schilling Titan II - HYCO Water Depth 710m
 Other _____ Water Temp. _____
 Support Vessel _____ Visibility _____
 Captain Ross Barnes ABT # at Neutral _____

Dive Results/Remarks: Dive to survey NELH cold water pipes. Seas calm. Land on a flat sandy bottom in 112m. Move North. Cross over seven pipes. Cross over NELH 12" pipe and proceed to NELH 40. Move down 40" pipe to transition anchor. Wait at transition anchor for the surface to verify tracking accuracy. Move from 40" pipe across to 12" pipe. Move down 12" pipe. Pipe bends to south. Many pipe anchors turned over. Pipe is clear of bottom after transition point. To bottom anchor. Many nylon lines hanging from lower end of pipe where buoys were cut away. Transition anchor on hard steep bottom 10 feet above dropoff. Move up 12" pipe. Come to float lines at 158m. Float lines are festooned with tangled lines and nets. Move back to 40" pipe. Survey zincs and pipe anchor blocks to holdfast #2. Move down 40" pipe. Survey float block and floats along transition arc. Move down pipe. Encounter a long line wrapped around the pipe at . Move down to bottom anchor. Maneuver around a long line caught on bottom anchor. Move around anchor block to a position up current from line. Cut line (1" polypro) line drifts free of anchor chain. Wait at anchor for position. Move upslope towards other pipes
1557 Leave the bottom from 657m. Lose port thruster when maneuvering to LRT. Lose STBD thruster. Tethered recovery.

Pilot T. Kerby Date 12/1/95
 Ops. Mgr D.K. Date 12/1/95