

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-783 Date: June 24, 2012
 Observer 1: Jan War
 Affiliation: NELHA Dive Location: Keahole Pt
 Observer 2: John Harrison Latitude: 19° 42.260' N
 Affiliation: OTEC Longitude: 156° 04.319' W
 Purpose: Research Training Test Time of Dive: 0803
 Other: Pipe Survey Time of Surface: 1543
 Special Equipment: Time Submerged: 7:40
 Cameras: MiniZeus HD, ROS SD Time Thru Last Dive: 5298:12
 Manipulators: Titan 4, HYCO Total Time to Dive: 5305:52
 Samplers/Sensors: CTD, Hyd Cutter Dive Depth: 952m
Scraper, Measuring Tool Water Depth: 952m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 4.5°C @ 952m
 Captain: Clary Gutzeit Visibility: _____

Dive Results/Remarks: Piscis V dive to inspect 55" cold water pipe.
0903 Land on a steep sandy bottom in 900m. 0909 Move
south. 0924 931m. Locate 55" pipe. 0945 952m at intake.
Survey intake and offshore anchor lines. 1030 924m Started moving
up pipe. Cut away entanglement hazards. 1100 852m moving up
pipe. 1123 667m at weight #140. More floating poly pro line that
presents an entanglement hazard. Cut away lines with hydraulic cutter.
1128 666m Collect anemone. Move up pipe. 1135 628m at Wt #136.
More entanglement hazards. Cut away entanglement hazards. 1142 Removing
lines. 1213 478m Move up pipe. 1300 319m Moving up pipe.
1330 At pendent wt. #103. 242m. Inspecting shackles, chains, bales, cables
and thimbles on all pendants, collars, and anchors. 1344 215m
pendent wt. 102. Move up pipe inspecting all weights and zincs. Zincs on
deep collars are crumbling away. 1446 79m. Inspecting zincs at offshore
holding anchor pipe wts. Bio fouling but solid zincs. Move back down pipe to
128m. Test zinc. 1514 Leave the bottom from 208m.

Pilot's Signature: Terry Kerby Date: 6/28/12
 Operations Director: Terry Kerby Date: 6/28/12