

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number PS-216
 Observer M. Bertram Wt. _____ Date Sept. 4, 1992
 Observer Title/Affil. U of H

 Observer J. Culp Wt. _____
 Observer Title/Affil. U of H

 Dive Location Cross Seamount
 Lat. 18°45.02'N Long. 158°14.41'W
 Purpose: Research Training Demo
 Other _____
 Special Equip.:
 Camera (type) Sony - Panasonic
 Manipulator Schilling - HYCO
 Other _____
 Support Vessel R/V Kila

Time of Dive 0728
 Time of Surface 1356
 Time Submerged 6:28
 Time Thru Last Dive 1050m 1193:52
 Total Time to Dive 1200:20
 Dive Depth 1050m 3444'
 Water Depth 1050m
 Water Temp. _____
 Visibility _____
 ABT # at Neutral _____
 Captain R. Barnes

Dive Results/Remarks: Land on a steep rocky bottom in 1050m. Move to the N.E. after moving up slope to 975m. Searching for study site. Tracking is with the pinger receiver trying to pick up signals from the site. 0940 Thruster tilt rod breaks. Thrusters lock in horizontal position backwards. Trying to determine maneuverability while dropping down a rock face. Sight study site above us. Work sub up slope to site using battery trim, basket tilt, Manipulator and limited thruster power. Change transponders. Collect 4 rocks take Niskin bottle samples, collect corals and animals, collect 3 sediment samples. Test dye dispenser for current flow check. Recover tray. Surface. Divers tie thrusters in 45° position. Make a normal recovery.

Equipment Deficiencies: Thruster tilt breaks.

Pilot T. Kerby Date 9/5/92
 Ops. Mgr MB Date 9/5/92