

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number 172  
 Observer Eric Wagner Wt. \_\_\_\_\_ Date Aug 15, 1991  
 Observer Title/Affil. \_\_\_\_\_  
ATE&T  
 Observer \_\_\_\_\_ Wt. \_\_\_\_\_  
 Observer Title/Affil. \_\_\_\_\_ Time of Dive 1220  
 Time of Surface 1702  
 Dive Location off of Mohaha @ R. Bouy Time Submerged 4:42  
 Lat. 21°27.3'N Long. 158°16.5'W Time Thru Last Dive 911:16  
 Purpose: Research Training Demo Total Time to Dive 915:58  
 Other Survey ATE&T Fibre Optic Cable Dive Depth 835m 2739'  
 Special Equip.: Water Depth 2739'  
 Camera (type) Sony Water Temp. \_\_\_\_\_  
 Manipulator Schilling - HYCO Visibility \_\_\_\_\_  
 Other \_\_\_\_\_ ABT # at Neutral \_\_\_\_\_  
 Support Vessel KILA Captain R. Barnes

Dive Results/Remarks: Towed to FAD buoy R. by zodiac. Diving down buoy mooring line. 1345 Lose sight of buoy line at 550m. On the bottom on a soft silt clay like bottom. Moving to the N.W. to locate cable. Losing hydraulic functions. Oil leak from HYCO arm. Locate ATE&T cable. Move to N.E. to survey cable and search for possible mooring anchors from FAD buoy on cable. Discover cable laying on itself and big loops on the bottom. Lose thruster tilt function and oil pressure. Leave bottom from 800m.

Equipment Deficiencies: Lose all hydraulic functions except Sony camera tilt and thruster tilt when land on bottom. Oil leak from HYCO Arm, eventually lose thruster tilt and oil pressure. Sea water in hydraulics. Blew bladder in one of the spring compensators.

Pilot T. Kerby Date 8/25/91  
 Ops. Mgr ERK Date 8/25/91