

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number 231
 Observer M. Bertram Wt. _____ Date Aug. 3, 1993
 Observer Title/Affil. U.H.

 Observer W. Smith Wt. _____
 Observer Title/Affil. _____

 Dive Location Cross Seamount Time of Dive 1028
 Lat. 18°44.0'N Long. 158°12'W Time of Surface 1930
 Purpose: Research Training Demo Time Submerged 9:02
 Other _____ Time Thru Last Dive 1280:18
 Special Equip.: _____ Total Time to Dive 1289:20
 Camera (type) Sony Hi.8 Dive Depth 2000^m 6560'
Panasonic - Photosea Water Depth 2000^m
 Manipulator Schilling - Hyco Water Temp. _____
 Other _____ Visibility _____
 Support Vessel R/V Kila ABT # at Neutral _____
 Captain R. Barnes

Dive Results/Remarks: Seas marginal. Pickup bottom xPDR on Benthos sat. Dive south of sit in 1890^m. Launch at 1091. 1200 On the bottom in 1845^m. Poor communications. Steep rocky bottom. Begin moving downslope to the N.E.. EDO tracking interferes with tracking bottom xPDR. Secure EDO. 1303 At 2000^m. Begin contouring to the N.E. at 1985^m. Surface comm unintelligible. Go too far N. Pass site again going south. 1630 Locate site. Set new xPDR & tray. Set out second tray. Recover 13 kHz xPDR and tray. Collect rock from study site. Collect sponge and gorgonian. 1650 leave the bottom. 1833 Lose stbd thruster control after 100^m. Must make a tethered recovery. P-5 submerges over LRT. Thrust up on port thruster. Circle on tether over LRT until over sub slip. B. O'Conner pilots LRT. T. Goodman & W. Schaut get sub in slip and secured in 10 min.

Equipment Deficiencies: 1.5 gal. seawater in STBD box. No intelligible communication on both VQC's. STBD thruster failure at surface.

Pilot Terry Kerby Date 7/5/93
 Ops. Mgr TR Kerby Date 7/5/93