

PISCES V DIVE REPORT

Pilot T. Kerby/A. Wright Wt. _____ Dive Number P5-256
 Observer M. Bertram Wt. _____ Date Oct. 19, 1993
 Observer Title/Affil. _____

Observer _____ Wt. _____
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Dive Location Cross Seamount
 Deep site 18°44.0'N 158°12.0'W
 Lat. site 18°43.52'N (Long. 158°12.75'W)
 Shallow site _____

Time of Dive 0838

Time of Surface 1738

Time Submerged 9:00

Time Thru Last Dive 1452:44

Purpose: Research Training Demo

Total Time to Dive 1461:44

Other _____

Dive Depth 1985

Special Equip.:

Water Depth 1985

Camera (type) Sony - Panasonic

Water Temp. _____

Manipulator Hyco - Schilling

Visibility _____

Other Collecting basket.

ABT # at Neutral _____

Support Vessel R/V Kila

Captain R. Barnes

Dive Results/Remarks: Dive to locate two study sites. Recover trays replace transducer and put out trays. Could not pick up signal from XPDR (12 kHz) from surface tracker. Launch to the south of the site hoping to locate with a contour search. Picking up XPDR on descent with pinger receiver. Land on a rocky sandy slope at 1925m. Move down slope and to the N. Searching on 1985m contour. 1124 Locate 1985m site. Set out new XPDR (13 kHz) Recover tray with 12 kHz XPDR. Moving upslope at 2100m at 1230 Collect a rock at 1815m. Moving upslope. Come to a well at about 1600m go 2350m for a short while. Then back to 2100m 1330 1275m come to a flat area at site depth. Search N. a short distance then S. along a 1280m contour. Large sandy chutes to the S. 1450 Turn around and search N. 1535 Locate site at 1285m. set out new tray. Recover one tray. Site is in a rocky area at the top of a ridge. A sloping rock face rises above the trays and a perimeter marker is on top of this ridge cap. A fan coral down slope makes
 Equipment Deficiencies: a second perimeter marker. The upper marker is a concrete clump with a string of polypro line. When moving upslope from the deep site it is advisable to make good 2100m as much as possible.
 Equipment Deficiencies: No camera strobe. Schilling arm fails at end of dive. Must use Hyco to turn over upsidedown tray. Ballast valve leaking a small amount of water into the trim tank.

Pilot Terry Kerby Date 10/20/93

Ops. Mgr Terry Kerby Date 10/20/93