

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-192
 Observer M. Bertram Wt. _____ Date Oct. 9, 91
 Observer Title/Affil. _____
UofH
 Observer C. Allen Wt. _____
 Observer Title/Affil. _____
U. of H.
 Dive Location Cross Seamount
 Lat. ^{Bad Posit. Deep water} 18°43.887 Long. 158° 11.737
 Purpose: ^{preferred launch site 18°43.9} Research Training Demo
 Other Settling trays - sediment tubes, Niskin bottle
 Special Equip.: _____
 Camera (type) Photo sea - Panasonic - Sony
 Manipulator Schilling - HYCO
 Other _____
 Support Vessel Kila -

Time of Dive 0928
 Time of Surface 1720
 Time Submerged 7:52
 Time Thru Last Dive 1033:24
 Total Time to Dive 1041:16
 Dive Depth 2000^m 6560'
 Water Depth Deeper than 2000^m
 Water Temp. 1.2°C at 2000^m
 Visibility _____
 ABT # at Neutral _____
 Captain R. Barnes

Dive Results/Remarks: Drop descent weights at 1975^m in mid water.
Power 270°^m towards slope. Begin powering West at 1110 from 2000^m.
On bottom at 1217 in 1985^m. Have been running slightly parallel
to bottom contour. Set first site at 1985^m. Set out two trays, one with
transponder. Took sediment sample. Took Niskin water sample. Collected
two rocks. Move upslope on a ^m course of 210. Changing to 225°^m.
then 235°^m then 210°^m as we follow contour. 1507 Reach second
area at 1285^m. Establish second site. Set out two trays. Schilling arm
quits. Collect two rocks. Leave the bottom at 1557. Seas fair. Make
a normal LRT recovery

Equipment Deficiencies: Schilling arm quits after deploying both sites.

Pilot T. Kerby Date 10/10/91
 Ops. Mgr TAK Date 10/10/91