PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
Observer Philomine Verlaan Wt. _____
Observer Title/Affil. U of H

Observer Mimi Bertram Wt. _____
Observer Title/Affil. U of H

Dive Location Cross Seamount
Lat. 18°45.6'N Long. 158° 14.11W
Purpose: (Research) Training Demo
Other _____
Special Equip.:
Camera (type) Photosea, Panasonic, Osprey
Manipulator HYCO
Other _____

Dive Number 141
Date 25 February 90

Time of Dive 0814
Time of Surface 1857
Time Submerged 10:43
Time Thru Last Dive 711:35
Total Time to Dive 722:18
Dive Depth 1070m 3510'
Water Depth 1070m
Water Temp. 4.3°C @ 975m
Visibility _____
ABT # at Neutral

Dive Results/Remarks: Dive to deploy settling trays and recover old trays. Seas rough. As usual, very limited navigational info makes pinpointing the area difficult and time consuming.

Land on steep basalt and sand bottom. Move upslope to 975m to begin search for trays and transponder. Surface support directing sub to search N. or S. along contour.

Locate trays and transponder on a small sloping shelf on the edge of a basalt wall. Deploy two trays and sediment traps upslope on a flat area at 970m. Recover two trays and pinger. Pick up one sediment trap and move upslope at a mag. Compass course of 227°

Set remaining two trays and sediment trap at 800m on a flat basalt area along a steep basalt ridge. No XPDR at 800m site.

Equipment Deficiencies: None. Hydraulic ~~pump~~ motor comp fluid being used up. Fluid is low again.

Pilot Terry Kerby Date 2/26/90
Ops. Mgr [illegible] Date 2/26/90