PISCES IV DIVE REPORT

Pilot Terry Kerby Wt. ____
Observer Craig Smith Wt. ____
Observer Title/Affil. University of Hawaii

Observer Rich Martini Wt. ____
Observer Title/Affil. U of H

Dive Location Off of West side of Oahu
Lat. 21°25.126'N Long. 158°17.999
Purpose: (Research) Training Demo
Other:
Special Equipment:
Camera (type) Sony Digital - ROS Color/B&W
Manipulator HYCO - ORION
Other
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # PIV - 110
Date November 20, 2003

Time of Dive 0811
Time of Surface 1451
Time Submerged 6:40
Time Thru Last Dive 807:24
Total Time to Dive 814:04
Dive Depth 1265m
Water Depth 1265m
Water Temp.
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Canyon survey dive. Diving alternate West Coast site due to rough sea conditions on primary Canyon site on NE Oahu. 0931 On the bottom in 1265m. Sandy/Muddy bottom. It looks as though there have been many Navy sonobuoy exercises in the area as there are wires and lines and long cylinders on the bottom. There is also some ordnance on the bottom. 1031 Search for trap left on the bottom from yesterdays dive. Low angle muddy bottom makes relocation difficult when running contours. Land too near to trap location and start search in the wrong direction. Abandon search for trap when we discover it is 420m to the SE c/us.

~~Equipment Deficiencies~~: Move upslope 1050m. 1200 Lose receiver on communications subphone. Deploy bait trap "A" cannot be deployed due to loss of function of ORION manipulator. Deploy bait with Hyco arm. Conduct bait station. Take 4 sediment cores with HYCO. 1344 1026m Leave the bottom early due to loss of communications with the surface for over 2 hours. Make a normal recovery.

Pilot Terry Kerby Date 11/22/03

Ops. Mgr. [signature] Date 11/22/03