PISCES IV DIVE REPORT

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

Observer Eric Vetter Wt. _____
Observer Title/Affil. Hawaii Pacific University

Dive Location off of West Coast of Oahu
Lat. 21° 24.883' N Long. 158° 18.612' W
Purpose: (Research) Training Demo
Other: _____
Special Equipment:
Camera (type) Sony Digital - Ros Color/B&W
Manipulator Orion - Hyco
Other _____
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # P-IV # 109
Date November 19, 2003

Time of Dive 0820
Time of Surface 1658
Time Submerged 8:38
Time Thru Last Dive 798:46
Total Time to Dive 807:24
Dive Depth 1568 m
Water Depth 1568 m
Water Temp. 1.2 °c
Visibility _____
ABT # at Neutral _____
Captain Ross Barnes

Dive Results/Remarks: Canyon survey dive. Primary dive site is off of Kaneohe on the East side of Oahu, but strong winds and rough seas out of the Northeast make diving on the primary site impossible. An alternate site has been chosen in the lee of the island. 0941 Land on a low angle sandy bottom. Move upslope to 1550 m. 1032 1550 m Deploy trap "A". 1040 Move westnorthwest conducting 10 min. transects. 1055 End transect at 1551 m. Take 3 sediment cores. Bottom is dense clay/mud, good for coring. Continue transects 1153 1555 m Conduct bait station. 1244 Ended bait station move downslope. 1335 1548 m Take 2 cores. 1339 Moving East. 1359 1448 m
~~Equipment Deficiencies:~~ Relocate trap "A". Recover trap. Move ENE. 1521 Deploy trap "B" at 1232 m. Low battery power. 1528 1232 m Leave the bottom. Batteries take a steep drop. 95v under load. Exercise conservative use of thrusters on ascent. Make a normal recovery.

Pilot Terry Kerby Date Nov. 22, 2003

Ops. Mgr. Terry Kerby Date Nov. 22, 2003