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 Kaneohe Bay
Lat. 21° 36.261' N Long. 157° 42.667' W
Purpose: (Research) Training Demo
Other:
Special Equipment:
Camera (type)
Manipulator Orion/HYCO
Other
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # PIV - 112
Date November 23, 2003

Time of Dive 0815
Time of Surface 1659
Time Submerged 8:44
Time Thru Last Dive 822:32
Total Time to Dive 831:16
Dive Depth 1605
Water Depth 1605
Water Temp. 1.4°c
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Submarine canyon survey dives. 0949 1593m on the bottom on a steep sandy bottom with basalt boulders. Land near a rusting aerial bomb. Collect shells using a pushcore as a sampler. 1102 1564m collect an algae sample of some type of woody algae moving down the canyon. 1130 1556m deploy trap. Begin a transect accross what was supposed to be the canyon floor. We are meandering in and out of massive finger lava flow features following a contour. Abort several transect attempts. Stop and take 5 core samples. 1236 Move North down the canyon over a sandy bottom down to 1600m. 1601m. At 1437 we conduct a bait station. Very bad communications.
~~Equipment Deficiencies~~: Move to 1605m 1517 Conduct a transect to the East. Locate more bombs. 1517 Move back upslope with 13 minutes left in dive with hopes of locating trap. 1530 Locate trap. 1536 Recover trap and leave the bottom from 1556m. Make a normal recovery.

Pilot Terry Kerby Date Nov. 25, 2003
Ops. Mgr. Terry Kerby Date Nov 25, 2003