PISCES IV DIVE REPORT

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

Observer Amanda Hellberg Wt. _____
Observer Title/Affil. Hawaii Pacific University

Dive Location Nihoa. Canyon dive
Lat. 23°10.830'N Long. 161°53.710'W
Purpose: (Research) Training Demo
Other:
Special Equipment:
Camera (type) Sony digital - ROS clr/B&W
Manipulator Orion - Hyco
Other
Support Vessel R/V Kaimihai-o-Kenaloa

Dive # PIV-093
Date Sept. 7, 2003

Time of Dive 0818
Time of Surface 1622
Time Submerged 8:04
Time Thru Last Dive 669:35
Total Time to Dive 677:39
Dive Depth 407m
Water Depth 407m
Water Temp. 9.6°c @ 407m
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Canyon survey dive. 0826 Sample bait trap #5 is lost on surface during launch. 0854 On bottom in 374m. 30° slope with sand and carbonate outcrops. Begin search for trap #5 0930 Locate trap #5. Move to the NE. 1030 At trap #23. 1100 Collecting hermit crabs with scoop net. Collected 4 cores. Collect bait trap. 1152 Begin a 2.5 mile run to the NE. 1230 Continue across a featureless sandy bottom at 350m to the NE. Slight current to the SW slows progress. 1330 Low battery power. Located a large carbonate outcrop to set the bait station out. This will help to relocate the site. Deploy marker #23. Deploy trap #5. Deploy bait parcel. Conduct 30 min. bait sta. Collect cores. 1548 Leave the bottom from 338m. Make a normal recovery.

Equipment Deficiencies:

Pilot Terry Kerby Date 9/12/03

Ops. Mgr. [signature] Date 9/12/03