Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-177 Date: October 31, 2006

Observer 1: Frank Parrish

Affiliation: NMFS Dive Location: Makapuu Coral Beds

Observer 2: Ray Boland Latitude: 21°17.532'N

Affiliation: NMFS Longitude: 157°31.971'W

Purpose: (Research) Training Test Time of Dive: 1056

Other: Time of Surface: 1645

Special Equipment: Time Submerged: 5:49

Cameras: Sony/ROS Time Thru Last Dive: 1279:29

Manipulators: Orion, HYCO Total Time to Dive: 1285:18

Samplers/Sensors: CTD-DO Dive Depth: 425m

Water Depth: 425m

Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 8.5°c @ 418m

Captain: Ross Barnes Visibility:

Dive Results/Remarks: Coral Survey dive. 1121 Land on a hard scoured carbonate bottom. 1134 Move to the North and locate long line stretched accross the bottom. This line extends accross the bottom for a considerable distance and serves as a good reference marker to relocate deployed experiments. The line has low spots and areas of loose coils and is a heavy gauge long line with other line entwined so any dives around it should be done with caution. All experiments and markers have been set on the south side of the line as the predominant current comes out of the North. The current can reverse at times. 1213 413.7m Locate marker #11. Recover pot #1. Deploy current logger. Near the southern end of the line. Move along the line to the North looking for gold coral trees. 1230 415.0m Deploy pot #5. Move N. 1306 416.3m Deploy pot #10. 1325 416m Deploy Pot #11. 1348 Move to the south. 1409 425m. Locate marker #12. Site near basalt boulder.

Equipment Deficiencies: 1424 425m Recover pot #2. Move Marker #12 near subject tree. Move back to long line. 1519 414.2 Deploy Pot #7. Deploy defunct sea trap as marker at 3rd coral. T-2. 1614 416m Leave bottom

Pilot's Signature: Terry Kerby Date: 11/1/06

Operations Director: T. Kerby Date: 11/1/06