Rev. 10-22-04

# PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-222 Date: November 21, 2009

Observer 1: Sam Rheng

Affiliation: HPU

Observer 2: Rick Klobucher

Affiliation: Waikiki Aquarium

Purpose: (Research) Training Test

Other: mini Zeus HD, ROS

Special Equipment:

Cameras: mini Zeus HD, ROS

Manipulators: Orion, HYCO

Samplers/Sensors: CTD, Bio Box

Large bio box

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: Off of Maui

Latitude: 20° 57.237

Longitude: 156° 44.979

Time of Dive: 0804

Time of Surface: 1634

Time Submerged: 8:30

Time Thru Last Dive: 1568:14

Total Time to Dive: 1576:44

Dive Depth: 168m

Water Depth: 168m

Water Temperature: 20.5°c @ 168m

Visibility:

Dive Results/Remarks: Data logger recovery and sample collecting dive. 0824 Land on a sloping sandy bottom in 168m. 0839 Move upslope to 148m to begin contour search for data logger #20. 0949 150m Locate and recover logger #20 near Whale bone Jaw site. Move upslope to the South. 0958 143m Locate and recover logger #19. Move upslope to the south. 1009 133m Locate and recover data logger #18. Heavy silt moving upslope with current hinders search. 1128 122m Locate and recover logger #17 on wall. Loggers on wall are overgrown with biomass. 1200 112m Locate and recover data logger #9. Totally overgrown. 1310 102m Locate and recover data logger #8. 1330 91m Locate and recover data logger #7. All data loggers on the wall are overgrown. 1400 82m searching for logger #6 in a flat sandy area. 1410 79m Collecting samples. Move to logger #10 area in flat sandy terrain. 1600 81m

~~Equipment Deficiencies:~~ Collecting samples. 1614 Leave the bottom. Make normal recovery

Pilot's Signature: Terry Kerby Date: 11/22/09

Operations Director: Terry Kerby Date: 11/22/09