Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: Pisces IV-190 Date: November 29, 2006

Observer 1: Heather Spalding

Affiliation: U of H

Observer 2: Matt Ross

Affiliation: U of H

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: Sony - ROS

Manipulators: Orion - HYCO

Samplers/Sensors: CTD, Biobox, Pore Water Sampler Niskin Bottle, Sediment Scoop.

Support Vessel: R/V Kaimikai-o-Kanaloa

Captain: Ross Barnes

Dive Location: Off of Maui

Latitude: 20° 45.510' N

Longitude: 156° 39.945' W

Time of Dive: 0803

Time of Surface: 1616

Time Submerged: 8:13

Time Thru Last Dive: 1362:04

Total Time to Dive: 1370:17

Dive Depth: 140m

Water Depth: 140m

Water Temperature: 21.9°c @ 140m

Visibility:

Dive Results/Remarks: Algae dive. 0823 117m on the bottom at the base of a carbonate wall. 0839 Move to the NE. 0900 140m move to the NE down into a muddy basin. 0926 Move up a slope with coral and algae. 112m Collecting samples. 0953 113m Moving north. 0953 109m Collect brown algae samples. 1001 103m Collecting red blade algae samples. 1027 94m Collecting samples. 1042 96m move to the North. 1200 82m. Take pore water sample, take Niskin sample, take sediment scoop. 1256 Move to the North. 1347 71m Collecting samples. 1444 71m Moving North. 1525 77m at cable. Comms Cable shown on chart Cable span is about 60cm off bottom and is overgrown with corals. 1530 70m. In an area of green algae tufts. 180° bottom coverage. Collecting samples of green turf. Orion jaws will not close. 1558 Leave the bottom from 80m.

Equipment Deficiencies: Orion not functioning properly

Pilot's Signature: Terry Kerby Date: Nov. 30, 2006

Operations Director: Terry Kerby Date: Nov. 30, 2006