Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: Pisces IV - #188 Date: November 27, 2006

Observer 1: Heather Spalding

Affiliation: U of H

Observer 2: Kim Peyton

Affiliation: U of H

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: Sony - ROS

Manipulators: Orion - HYCO

Samplers/Sensors: CTD, Pore water sampler, bio box, sediment scoops, push cores

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: South Oahu

Latitude: 21° 15.972' N

Longitude: 158° 06.018' W

Time of Dive: 1011

Time of Surface: 1620

Time Submerged: 6:09

Time Thru Last Dive: 1349:43

Total Time to Dive: 1355:52

Dive Depth: 220m

Water Depth: 220m

Water Temperature: 19.9°c @ 203m

Visibility:

Dive Results/Remarks: Algae collecting dive. 1028 Land on a steep sandy bottom at the base of a carbonate wall in 143m. Collect rock samples. 1054 Move East at 143m. Cannot move to the Northeast because it is a security area. Move South to 220m and move to the East to get beyond security area. 1148 213m Locate a 40' section of transfer pipe. 1150 Moving Southeast. 1222 220m move upslope to the Northeast. 1255 87m collecting samples of udotia. Continue upslope to the Northeast. 1334 70m Collect pore water sample. Take niskin sample. Take sediment scoop sample. Collect algae samples in bio box jars. 1408 Move Northeast. 1410 62m Collecting samples. 1442 50m. Collecting push core samples 50m. 1459 52m Take push core samples. Move downslope to the South West. 1551 Take push core samples at 61m. 1600 Move out of algae meadows to a barren sandy area to release ascent weight shot. Leave the bottom from 54m

~~Equipment Deficiencies~~: weight shot

Pilot's Signature: Terry Kerby Date: 11/28/06

Operations Director: Terry Kerby Date: 11/28/06