Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: Pisces IV-192 Date: December 1, 2006

Observer 1: Colin Wollerman (PIT)

Affiliation: HURL sub ops

Observer 2: Heather Spalding

Affiliation: U of H

Purpose: (Research) (Training) Test

Other:

Special Equipment:

Cameras: Sony - ROS

Manipulators: Orion - Hyco

Samplers/Sensors: CTD, Bio Box, Porewater sampler, Niskin Bottle, Sediment Scoop.

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: off of SE Maui

Latitude: 20° 36.280' N

Longitude: 156° 11.047' W

Time of Dive: 0802

Time of Surface: 1134

Time Submerged: 3:32

Time Thru Last Dive: 1377:29

Total Time to Dive: 1381:01

Dive Depth: 112 m

Water Depth: 112 m

Water Temperature:

Visibility: poor.

Dive Results/Remarks: 0819 Land on a flat muddy bottom in 112 m. Sea conditions worsening. 0850 112 m move to the North into shallower water. Searching for Algae beds. No sign of algae or algae residue on muddy bottom. Some remnants of terrestrial vegitation washed into the bay. 0915 Call from KOK advising building onshore sea conditions and mobility to proceed into shallow water to track the sub. Will abort dive if conditions worsen. 0928 Do not find any sign of algae of any type. Take pore water sample in mud. 1011 Complete taking pore water sample. 1015 Start sediment scoop. 1039 Complete taking sediment scoop. Very poor communications with KOK. 1040 Begin moving to the South. 1112 104 m. Leave the bottom. Rough Seas and high winds, 40 Kn. Make a normal recovery.

Equipment Deficiencies:

Pilot's Signature: Terry Kerby Date: Dec. 12, 2006

Operations Director: TK Date: Dec. 12, 2006