Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: HAY CREMER Dive #: P4-202 Date: DECEMBER 11, 2007

Observer 1: TONY MONTGOMERY

Affiliation: DLNR

Observer 2: RAY ROLAND

Affiliation: NOAA FS

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: SONY DV, ROS

Manipulators: ORION, HYCO

Samplers/Sensors: CTD-DO, BIO BOX

OPEN CRATE

Support Vessel: R/V HAI MIKU-O-KANALOA

Captain: ROSS BARNES

Dive Location: OFF HAKAHOENA PT., S. KAUAI

Latitude: 21°51.109' N

Longitude: 159° 26.044' W

Time of Dive: 0804

Time of Surface: 1522

Time Submerged: 7:18

Time Thru Last Dive: 1429:48

Total Time to Dive: 1437:06

Dive Depth: 274 m

Water Depth: 274 m

Water Temperature: REFER TO CTD LOG

Visibility: CLEAR, 20+ m

Dive Results/Remarks: REEF ECOLOGY DIVE. 0828 274m land on bottom on a steep, sandy slope with carbonate outcrops. 0844 moving upslope W. 0900 172m collect black coral that is not attached but seems to be alive. 0910 collect wire coral. 0915 continue upslope W and ascend wall. 0941 62m at top of wall, steep slope consisting of older basalt. Observing black coral. Experiencing easterly current and surge. 0945 65m start Xsect #1 to the East. 1017 68m end transect #1. Sampling black coral until 1137 67m, then move along outcrop to W. 1154 66m sample black coral, then continue W. 1208 71m collect more black coral samples. 1223 move W toward start point of transect #1. 1234 move upslope to top of ridge. 1242 48m start transect #2. 1306 46m end transect #2. Collect two rocks. 1315 46m move downslope to 80m. 1401 78m contour to NW. 1417 move downslope to 110 m. 1428 114m abundant fish on carbonate slope. Continue contour to NW at 110-115 m. 1445 119m making observations ~~Equipment Deficiencies~~: in fish rich location. 1500 leave bottom, make a normal recovery.

Pilot's Signature: Date: APRIL 2, 2008

Operations Director: Date: April 3, 2008