Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-206 Date: APRIL 5, 2008

Observer 1: JASON LEONARD

Affiliation: DLNR Dive Location: AU'AU CHANNEL

Observer 2: PAUL MURAKAWA Latitude: 20° 56.517' N

Affiliation: DLNR Longitude: 156° 45.827' W

Purpose: (Research) Training Test Time of Dive: 0812

Other: Time of Surface: 1524

Special Equipment: Time Submerged: 7:12

Cameras: SONY DV, ROS Time Thru Last Dive: 1455:47

Manipulators: ORION HYCO Total Time to Dive: 1462:59

Samplers/Sensors: CTD-DO, BIO BOX, Dive Depth: 213 m

STRONG BOX, COVERED CRATE Water Depth: 213 m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: REFER TO CTD LOG

Captain: ROSS BARNES Visibility: low at depth, improving upslope

Dive Results/Remarks: DEEP REEF ECOLOGY DIVE. 0832 213m land on sandy, flat bottom in low visibility, about 300m NW of the intended dive site. 0844 moving ESE toward pinnacle. 0903 191m arrive at the base of the wall. 0908 move upslope to ~95m looking for coral habitat. 0923 89m arrive at the upper ledge of the feature. 0928 begin transect #1 to NE. 0945 93m end transect #1. 0947 93m collect dichotoma at end of transect #1 position. 0956 93m start transect #2 to W. 1020 90m end transect #2 and collect red grandis. 1040 move back around point, then downslope to 100m. 1050 96m collect samples of pale and red grandis. 1115 102m collect red grandis. 1120 103m begin transect #3 to SW. 1139 103m end transect #3 and collect dichotoma. 1205 move downslope to 115m. 124 118m start transect #4 to NE. 1229 114m end transect #4 and collect dichotoma. Move upslope to 70m. 1305 70m start transect #5 NE. 1332 68m end transect #5 in halimeda field. 1337 moving ESE downslope. 1345 91m collect pale grandis. 1355 move NE. 1405 94m collect pale grandis. 1415 move E. 1449 64m unsuccessful attempt to collect plate coral. 1504 leave bottom from 64m. Make a normal recovery.

Equipment Deficiencies:

Pilot's Signature: Date: 7/30/08

Operations Director: Date: 4/24/08