Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-204 Date: APRIL 3, 2008

Observer 1: TONY MONTGOMERY

Affiliation: DLNR

Observer 2: JASON LEONARD

Affiliation: DLNR

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: SONY DV, ROS

Manipulators: HYCO, ORION

Samplers/Sensors: CTD-DO, BIO BOX, STRONG BOX, COVERED CRATE

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: ROSS BARNES

Dive Location: KU'AU CHANNEL

Latitude: 20° 56.185' N

Longitude: 156° 46.185' W

Time of Dive: 0804

Time of Surface: 1410

Time Submerged: 6:06

Time Thru Last Dive: 1441:25

Total Time to Dive: 1447:31

Dive Depth: 198m

Water Depth: 198m

Water Temperature: REFER TO CTD LOG

Visibility: POOR AT FIRST, THEN GOOD 15+m

Dive Results/Remarks: DEEP REEF ECOLOGY DIVE. 0823 198m land on the bottom on a sandy slope in poor vicisility with a current out of the West. 0837 move upslope to SSE. 0854 collect coral sample at 115m after ascending a vertical wall. 0906 96m collect Glode coral. 0916 95m begin transect #1 to the E. 0930 96m collect pale grandis. 0946 continue transect to E. 0957 95m collect red grandis, then continue transect. 1024 collect dichotoma coral. 1038 95m end transect #1. Move downslope to 110m. 1044 111m start transect #2 in a westerly direction. 1100 end transect #2 at 115m. 1107 start transect #3 moving upslope to 100m. 1131 97m end transect #3. 1137 collect plate coral at 97m. 1208 81m collect overturned plate coral. 1235 continuing at 80-85m. 1302 start transect #4 to E. 1322 80m end transect #4. 1340 90m collect dichotoma sample. 1347 90m leave the bottom. Make a normal recovery.

Equipment Deficiencies: Battery power low. Upper pan & tilt does not turn left.

Pilot's Signature: Date: APRIL 4, 2008

Operations Director: Date: April 5, 2008