Rev. 11-21-09

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-235 Date: January 21, 2010

Observer 1: Ray Boland

Affiliation: NMFS

Observer 2: Afsheen Siddigi

Affiliation: UH

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: mini Zeus HD - ROS

Manipulators: Orion - HYCO

Samplers/Sensors: Fish collecting bucket and pump - Rotnone dispenser

Support Vessel:

Captain:

Dive Location: off of Maui

Latitude: 20°45.585'N

Longitude: 156°40.680'W

Time of Dive: 0800

Time of Surface: 1620

Time Submerged: 8:20

Time Thru Last Dive: 1675:20

Total Time to Dive: 1683:40

Dive Depth: 121m

Water Depth: 121m

Water Temperature: 24.1°c @ 121m

Visibility:

Dive Results/Remarks: Fish collecting dive. 0819 Land on a flat sandy bottom in 101m. 0824 Move west 15m to the edge of a dense Leptocirus coral bed. 0831 Begin first transect accross the coral bed to the West. 0836 99m N edge of coral bed. Continue west to ledge. Dispense rotnone in first fish hole at 107m. 0934 Move up and down wall collecting fish. 1006 Move to the NW. Wall ends low angle slope with fewer fish. 1033 121m. Try collecting fish but dispenser is plugged. 1047 Move back to the SE. 1053 119m Stop in a good spot to try to activate the sampler. Rotnone dispenser clears but the mix has lost it's potency. 1137 113m. Excessive amounts of rotnone still has an effect on some fish and we are able to collect some more. 1534 100m collecting small fish from Leptocirus bed. 1530 Fish transects accross Leptocirus coral bed. 1600 Leave the bottom from 100m.

Pilot's Signature: Terry Kerby Date: 1-22-10

Operations Director: T Kerby Date: 1/22/10

For equipment deficiencies, refer to maintenance logs.