Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-199 Date: December 7, 2007

Observer 1: Rich Ryle

Affiliation: Bishop Museum

Observer 2: Ken Longnecker

Affiliation: Bishop Museum

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: Sony - ROS

Manipulators: Orion - HYCO

Samplers/Sensors: CTD, Fish sucker
Rotnone dispenser

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: AuAu Channel

Latitude: 20° 47.959' N

Longitude: 156° 43.070' W

Time of Dive: 0847

Time of Surface: 1645

Time Submerged: 7:58

Time Thru Last Dive: 1408:56

Total Time to Dive: 1416:54

Dive Depth: 113m

Water Depth: 113m

Water Temperature:

Visibility:

Dive Results/Remarks: Fish collecting 2 sub dives as part of Coral Reef Ecosystem Studies project. Pisces V dives first. 0903 On the bottom in sand at 107m. 0926 Move to the SE towards Pisces V. 1000 98m at Pisces V. 1011 93m moved off to reef structure and attempt to deploy rotnone but dispenser is not working. Return to Pisces V. Pisces V removes hose from dispenser. Return to sample site and conduct a rotnone station. Collecting fish. 1310 Moving to the south. 1321 79m Discover a reef formation with a deep undercut and numerous fish. 1338 76m Collect sea cucumber. 1407 84m. rendezvous with Pisces V. Begin transect to the East. 1421 80m. End transect. Drop down slope to 85m. Begin transect back to the West. 1442 85m. End transect. 1458 Sub go in different directions again. Searching for rotnone site. 1504 Move to the SE at 113m. 1514 107m. At coral outcrop with fish and black coral. Conduct rotnone fish collecting station. Pisces V leaves bottom at 1530. 1621 Leave the bottom from 107m.

~~Equipment Deficiencies~~:

Pilot's Signature: Terry Kerby Date: 12/8/07

Operations Director: Terry Kerby Date: 12/8/07