Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-181 Date: November 4, 2006

Observer 1: Colin Wollerman

Affiliation: HURL PIT

Observer 2: Ray Boland

Affiliation: NMFS

Purpose: (Research) (Training) Test

Other:

Special Equipment:

Cameras: Sony/Ros

Manipulators: Orion/HYCO

Samplers/Sensors: CTD·DO.

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: Penguin Banks

Latitude: 21° 03.888'N

Longitude: 157° 18.834'W

Time of Dive: 0808

Time of Surface: 1539

Time Submerged: 7:31

Time Thru Last Dive: 1307:36

Total Time to Dive: 1315:07

Dive Depth: 143m

Water Depth: 143m

Water Temperature: 25.4°c @ 59m

Visibility:

Dive Results/Remarks: Artificial Reef survey. Search for the last four artificial reefs that were deployed in the 1980's. 0820 Land on a flat sandy bottom in 59m. Southerly current. 0843 Move to the North West. 0848 Locate first set of pipes. 3 pipe 12" dia reef. 60m. 0855 Move to the North West. Slight southeasterly current. 0920 Moved 325m to NW. Large sand dunes. Do not locate more reef structures. 0947 Move to the South East. 0957 60.9m. Locate most southerly pipe set. 3 pipe 18" dia with pinger attached. Move to North West. 1019 60.8m Locate 3rd reef from the south. 6 pipe 12" dia. Set. 1056 58.3m Locate most northerly reef. 6 pipe, 12" dia. Lower 3 base pipes almost completely buried. From a distance it looks like one of the 3 pipe reefs. 1115 Move southwest with a southeasterly current to the FRP which is 1.9 NM away. 1239 117m at FRP. Very strong Southerly current changes direction to NE when we leave FRP to move south. Run against a strong Northerly current. 142m move S. 1519 Leave the bottom from 139m.

~~Equipment Deficiencies~~:

Pilot's Signature: Terry Kerby Date: 11/8/06

Operations Director: Terry Kerby Date: 11/8/06