PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-149 Date: July 28, 2005

Observer 1: Frank Parrish

Affiliation: NMFS

Observer 2: Bruce Mundy

Affiliation: NMFS

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: Sony-ROS

Manipulators: Orion, Hyco

Samplers/Sensors:

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: Palmyra Atoll

Latitude: 05° 51.043' N

Longitude: 162° 07.566' W

Time of Dive: 0802

Time of Surface: 1640

Time Submerged: 8:38

Time Thru Last Dive: 1083:56

Total Time to Dive: 1092:34

Dive Depth: 812 m

Water Depth: 812 m

Water Temperature: 4.7°c @ 812m

Visibility: 20m +

Dive Results/Remarks: Marine life transects. 0922 Land on a steep bottom in 795m. Move upslope after descending to 812m while adjusting trim. 1047 500m move up a vertical wall to the area where we discovered the large dead coral tree debris on the last dive. 1110 In the area where the dead trees were collected. Ascend the wall to the upper transect depth 1138 370m. Begin first transect to the west. 1215 End transect. 1232 384m Begin transect to the east at 400m 1323 407m End transect. 1331 Continue east at 400m. Collect dead coral branch. 1413 451m Begin transect to the west. 1423 450m End transect. Descend to 500m. 1513 Begin transect to the east at 500m. 1553 501m. Move offshore. 1600 501m Leave the bottom.

Equipment Deficiencies:

Pilot's Signature: Terry Kerby Date: Aug 5, 2005

Operations Director: Terry Kerby Date: Aug. 5 2005