Rev. 11-21-09

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-253 Date: Oct. 10, 2011

Observer 1: Dave Clague

Affiliation: MBRI

Observer 2: Charlotte Humphrey

Affiliation: Manchester Met. University

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: Mini Zeus HD-ROS-SD

Manipulators: Orion - HYCO

Samplers/Sensors:

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Clary Gutzeit

Dive Location: Gardner Pinnacles, NWHI

Latitude: 24° 28.385'N

Longitude: 167° 41.689'W

Time of Dive: 0806

Time of Surface: 1648

Time Submerged: 8:42

Time Thru Last Dive: 1783:39

Total Time to Dive: 1792:21

Dive Depth: 2008m

Water Depth: 2008m

Water Temperature: 1.8°c @ 2008m

Visibility:

Dive Results/Remarks: Rock collecting dive. 1042 Land on a steep rubble and sand bottom in 2008m. 1107 Collecting ballast rocks before dumping dropweights. Light after dumping dropshot. Collecting rocks. Move up a steep sandy slope to the summit of the ridge. Very strong current moving to the West. 1141 Make a midwater run over a deep sink feature to the West with a strong current. 1206 1983m on slope at a layered carbonate wall. Collecting rock samples. 1254 1965m. Moving upslope to the West. Moving over a barren sandy bottom. 1336 1859m Locate a rock outcrop with corals. 1342 1822 Move West over a barren sandy bottom. 1412 1824m. Locate large rock outcrops. Collecting rocks. Find white carbonate. Corals and sponges on rock outcrops. Barren sandy plane in all directions around rocks. Drop escent wts. in sand. 1523 Leave the bottom from 1828m

Pilot's Signature: Terry Kerby Date: 10/11/11

Operations Director: Terry Kerby Date: 10/11/11

For equipment deficiencies, refer to maintenance logs.