Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-171 Date: October 20, 2006

Observer 1: Colin Wollerman

Affiliation: HURL PIT.

Observer 2: Christine Revello

Affiliation: UC Santa Cruz

Purpose: (Research) (Training) Test

Other: Pilot training / Science dive

Special Equipment:

Cameras: Sony - ROS

Manipulators: Orion - HYCO

Samplers/Sensors: Sample

Support Vessel: R/V Kaimikai-o-Kanaloa

Captain: Ross Barnes

Dive Location: Off of Hilo

Latitude: 19° 53.192 'N

Longitude: 155° 01.660' W

Time of Dive: 0813

Time of Surface: 1526

Time Submerged: 7:13

Time Thru Last Dive: 1234:17

Total Time to Dive: 1241:30

Dive Depth: 330m

Water Depth: 330m

Water Temperature:

Visibility:

Dive Results/Remarks: Rock collecting dive sampling old reef structures. 0839 330m. Land on a sandy bottom. 0852 328m Moving to the South West. 0928 305m Stop for sampling. 0952 292m Basalt contact on carbonate. 1013 Move to the North. 1045 305m. Collecting carbonate samples. 1050 Move upslope to the southsouthwest over rugged carbonate terrain 1118 281m Move upslope to the SW. 1128 277m collecting samples. 1217 268m Collecting samples. 1252 279m Contour to the North. 1315 282m Collecting samples. 1332 #11 sample in same area. 1342 Moving North over carbonate 1402 Move to the west. 1428 271m Moving over an area of flat muddy terrain. 1458 Collect a rock in a depression. 1501 274m Leave the bottom. Make a normal recovery

Equipment Deficiencies:

Pilot's Signature: Terry Kerby Date: Oct. 25, 2006

Operations Director: Terry Kerby Date: Oct 25, 2006