

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-574 Date: September 16, 2009

Observer: Karla McDermid

Observer Title/Affil.: UH Hilo

Dive Location: Penguin Banks, North Side.

Latitude: 21° 06.783' N

Longitude: 157° 36.381' W

Observer: Heather Spalding

Observer Title/Affil.: University of Hawaii

Time of Dive: 1053

Time of Surface: 1621

Purpose: Research Training Test

Time Submerged: 5:28

Other: _____

Time Thru Last Dive: 3745:13

Special Equipment (Cameras, Manipulators, Samplers, etc.)

Total Time to Dive: 3750:41

Sony DV - Ros Color

Dive Depth: 356^m

Titen - NYCO

Water Depth: 356^m

Support Vessel: R/V Kaimikai-O-Kanaloa

Water Temperature: 9.8° @ 356^m

Captain: Ross Barnes

Visibility: Clear 20 m. to 10^m E. of Kerby

Dive Results/Remarks: Algae survey dive. 1123 Land on a sandy 45° slope in 356^m. 1136 Move upslope to the south southeast. 1141 324^m at the base of a steep carbonate wall. Move up the wall to the SSE. 1206 178^m collecting samples. Collecting samples in jars, bio box, and basket samplers. Move slowly up slope collecting algae samples on the way. 1232 Observe numerous skunkurchins at 148^m on a carbonate slope. 1302 Collect 19 samples in bucket # 2. 1317 130^m moving upslope to the SE. 1433 Moved up to 109^m. Collecting samples. 1523 85^m collecting samples. 1539 85^m observe a large ray (Dasyatis) making a hole in the bottom sediment. 85^m Begin moving back downslope to the NNW. 1549 Collecting algae sampler at 93^m. 1600 Leave the bottom from 93^m.

Equipment Deficiencies: Make a normal recovery

Pilot's Signature: Terry Kerby

Date: Sept. 17, 2009

Operations Director: Terry Kerby

Date: Sept 17, 2009