

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-593 Date: October 15, 2004
 Observer 1: Amy Baco-Taylor
 Affiliation: WHOI Dive Location: Keahole Pt.
 Observer 2: Morgan Kilgour Latitude: 19°48.230' N
 Affiliation: University of Alaska Fairbanks at Juneau Longitude: 156° 08.048' W
 Purpose: Research Training Test Time of Dive: 0812
 Other: Collecting corals in bio-boxes Time of Surface: 1640
 Special Equipment: Time Submerged: 8:28
 Cameras: Sony DV-ROS Color Time Thru Last Dive: 3899:06
 Manipulators: HYCO - Titan inoperative Total Time to Dive: 3907:34
 Samplers/Sensors: Collecting boxes Dive Depth: 768^m
 Water Depth: 768^m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 4.6°C @ 768^m
 Captain: Ross Barnes Visibility: 20^m + Clear

Dive Results/Remarks: Coral survey and collecting dive.
0901 On the bottom in 725^m. Land in steep rocky terrain.
0908 726^m Collecting samples of nerella. Steep rocky basalt formations with carbonate debris. Several nerella and bamboo corals in the area. Drop down slope to 768^m collecting samples. 1040 Begin moving upslope to the northeast. 1059 743m. Locate an area of fossilized finger corals. Take photos and video. 1120 680^m continuing upslope to the northeast collecting samples. 1236 485^m Begin collecting samples in aft bio-Box. 1252 Moving upslope to the northeast. 1328 398^m Into an area of high relief carbonate outcrops with many gerardia and acanella corals. Many fallen gold coral trees at the base of carbonate walls. Collecting samples. 1446 387^m move north along edge of carbonate wall against a steadily increasing southerly current. 1452

Equipment Deficiencies: Turn and begin moving to the south with the current.
1528 415m moving southeast with a strong current. Moving over a barren sandy bottom. No precious corals. 1555 Current is too strong to move upslope. 1601 Leave the bottom from 416m.

Pilot's Signature: Terry Kerby Date: Oct. 17, 2004

Operations Director: Terry Kerby Date: Oct. 17, 2004