

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-874 Date: Oct 30, 2016
 Observer 1: Brenden Roark
 Affiliation: TAMU Dive Location: N. end SE Hancock
 Observer 2: Beatriz Mejia Latitude: 29°49.438' N
 Affiliation: FAU FSU Longitude: 179°03.634' E
 Purpose: Research Training Test Time of Dive: 0806
 Equipment Used: Time of Surface: 1714
 Cameras: MiniZeus HD Time Submerged: 9:14
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 3855:04
 Samplers & Sensors: _____ Total Time to Dive: 3864:18
 Dive Depth: 841m 2758ft
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 841m
 Captain: Mike Hoshlyk Water Temperature: 4.5° @ 839m

Dive Narrative: Two sub dive to conduct transects and coral sampling. 0858 Land in steep basalt terrain in 839m. 0905 Move upslope to the South East. 0912 Collecting samples. Moving up steep to vertical basalt terrain to 700m collecting samples seeing massive amounts of madrapora coral debris. 1027 701m on the side of a vertical basalt wall. Sharp vertical edges on ridge features forming deep steep gullies filled with dense deposits of madrapora debris. 1034 Start 700m contour along a vertical wall. 1106 End transect. 1113 Collecting madrapora samples. 1115 Descend into a canyon to find a stable landing spot. Collecting corals. 1150 Start next transect along vertical basalt walls. 1212 End transect. 1250 694m Seeing many red corals (regal) in madrapora debris. Corals have been broken off and are regenerating in madrapora. 1254 692m Collecting samples. 1415 Start 500m transect. Pisces IV conducting parallel transect. 1440 End transect. 1444 Move West. P4 moves East. 1506 500m Move East over steep to vertical carbonate terrain. 1524 Start transect at 500m for 500m. 1550 Move down slope. 1614 586m Move W. 1629 598m Leave the bottom from 598m End Transect.

Pilot's Signature: Terry KerbyDate: 11.3.16Operations Director: Terry KerbyDate: 11.3.16