

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-913 Date: Nov 6, 2017
 Observer 1: Nikki Morgan
 Affiliation: FSU Dive Location: Academacion Seamount
 Observer 2: Melissa Betters Latitude: 28°48.423'N
 Affiliation: FSU Longitude: 178°50.055'W
 Purpose: Research Training Test Time of Dive: 1123
 Equipment Used: Time of Surface: 1809
 Cameras: MiniZeus HD-RDS SD Time Submerged: 6:46
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6141:12
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6147:58
CTD Dive Depth: 702m
 Support Vessel: R/V Kaimikai-O-Kenaloa Water Depth: 702m
 Captain: Mike Hoshlyk Water Temperature: 6.4°C @ 680m

Dive Narrative: Two sub dive to conduct contour transect surveys and collect samples. 1132 P5 diving.
1206 Land on a steep sand and rubble bottom at 680m.
1209 P4 diving. 1212 Move downslope to 700m. 1222 Start transect #1 at 700m. Move along base of basalt breccia wall. 1239 P4 on the bottom in 746m. 1242 End transect #1. 1257 702m. Collecting samples. 1300 702m. Start transect #2. 1322 698m End transect #2. 1404 Start transect #3. 1423 700m. End transect #3. 1427 700m. Move upslope to the east. Moving up a carbonate wall. Corals growing on wall. 1440 568m. Sampling on wall. Gold corals, coralliums & Madrapora at top of wall below break. 1456 496m Start transect #4 along top of wall. 1510 501m End transect #1. 1532 Collect gold end Madrapora from wall. 1552 503m. Start transect #5. 1613 500m moving NE. 1622 505m start transect #6.

Pilot's Signature: Terry Kerby Date: 11-12-17 ^{over}
 Operations Director: Terry Kerby Date: 11-12-17

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1642 499m End transect #6. 1647 499m moving
upslope to 400m. Moving along vertical carbonate
terrain with deep undercuts. Many corals. 1712 start
transect #7. 1728 End transect #7. 1738 375m.
Final position $L 28^{\circ} 48.637' N$ $\lambda 178^{\circ} 50.051' W$.
1740 Leave the bottom from 375m. 1755 On the
surface. 1805 Secure on deck.