

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-912 Date: Nov 4, 2017
 Observer 1: Brenden Roark
 Affiliation: TAMU Dive Location: Pioneer Bank
 Observer 2: Julia Andrews Latitude: 25°48.594'N
 Affiliation: FSU Longitude: 173°27.241'W
 Purpose: Research Training Test Time of Dive: 1026
 Equipment Used: Time of Surface: 1644
 Cameras: Min Zeus HD - ROS-SD Time Submerged: 6:18
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 6134:54
 Samplers & Sensors: 2 Big Boxes Total Time to Dive: 6141:12
CTD Dive Depth: 762m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 762m
 Captain: Mike Hoshlyk Water Temperature: 5.4°C @ 762m

Dive Narrative: Dive to conduct contour transects and collect samples. Bad diving conditions delay launch. Heavy rain squalls reduce surface visibility. Moderates by 10 am. Launch P5. P4 on back deck when heavy rain conditions move in and ship loses port generator. P4 launch aborted. 1039 P5 descending. 1113 Land on a steep sandy bottom in 762m. 1124 Move upslope to the SW. Moving over steep sediment covered carbonate. 1140 Moving to the SW on 600m contour. 1220 601m collect gold coral tree. 1255 600m Move upslope to the N. 1312 462m Moving up a vertical wall with some corals. 1325 494m Moving East. 1336 507m collecting samples. 1402 507m Collecting bamboo Coral stump. 1510 507m Collect secundum. Moved over rugged carbonate steep and vertical terrain with many gold coral trees. See record large live gold coral tree. 1603 Leave the bottom from 515m. 1625 On the surface. 1639 Secure on deck.

Pilot's Signature: Terry KerbyDate: 11-10-17Operations Director: Terry KerbyDate: 11-10-17