

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-905 Date: Oct 25, 2017
 Observer 1: Brenden Roark
 Affiliation: TAMU Dive Location: Brooks Banks
 Observer 2: Julia Andrews Latitude: 23° 57.639' N
 Affiliation: Florida State University Longitude: 166° 44.610' W
 Purpose: Research Training Test Time of Dive: 0752
 Equipment Used: Time of Surface: 1716
 Cameras: Mini 2005 HD - ROS-50 Time Submerged: 9:24
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6074:25
 Samplers & Sensors: 2 Bio boxes Total Time to Dive: 6083:49
CTD Dive Depth: 703m
 Support Vessel: R/V Kaimikai-O-Kanaka Water Depth: 703m
 Captain: Mike Hoshlyk Water Temperature: _____

Dive Narrative: Two sub dive to conduct contour transect surveys and collect samples. P5 launches first. 0841 Land on a flat sandy bottom at 679m. 0851 677m move SE to deeper water. 0914 700m. Begin first transect (#1) to the NW. 0921 P4 on the bottom in 675m. 0933 702m End transect #1. 0938 Collect sponge voucher sample. 0948 700m. Start transect #2 to the NW. Moving over rocky terrain with sand and gravel channels. Signs of very strong currents. Current light today. 1006 703m. End transect #2. 1014 Collect bamboo coral/voucher sample. 1017 703m. Move upslope to the NE. 1043 628m. Large loose boulders of carbonate with dendrofilie corals. 1050 Collect dendro sample. 1052 Move upslope to the NE. 1107 590m Collect corallium voucher sample. 1109 P4 is 200m to the NW of P5. 1110 Move upslope to the NE. 1115 573m Collect madrepora. 1119 Move upslope to the NE. 1130 547m collecting dead corallium. 1151 529m Move NE. 1204 498m. Start transect #3

Pilot's Signature: Terry Kerby
 Operations Director: Terry Kerby

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- 1204 Starting transect #3 on 500m contour to the SSE.
1225 502m. End transect #3. Collect gold coral voucher sample.
Transect on 500m contour getting into gold coral area.
1235 502m. Collect Gold coral. Collect secundum.
1307 501m Collect dead gold coral base with corallium regale growing on skeleton. 1323 Collect dead gold coral base.
1326 501m Start transect #4. 1345 500m End transect #4.
1359 500m Moved along 500m contour for 2 minutes after end of transect (Standard practice on every transect, so transects actually cover more area than 500m. 1401 Start transect #5.
1420 501m End transect #5. 1423 502m Move upslope to the N.
1506 335m. In deep white carbonate sand with what look like large plate coral fragments. 1513 Start transect #6 on 300m contour to the West. 1530 Pisces IV leaves the bottom.
1537 301m Start transect #7. 1603 End transect #7.
1604 304m Start transect #8. 1635 End transect #8 on 300m contour. 1645 Leave the bottom from 301m.
1659 On the surface. 1710 On deck.