

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-911 Date: Nov. 3, 2017  
 Observer 1: Brenden Roark  
 Affiliation: TAMU Dive Location: Pioneer Bank (Seawall)  
 Observer 2: Allison Metcalf Latitude: 25°49.291'N  
 Affiliation: FSU Longitude: 173°27.007'W  
 Purpose: Research Training Test Time of Dive: 0754  
 Equipment Used: Time of Surface: 1648  
 Cameras: Mini Zeus HD-ROS. 5D Time Submerged: 8:54  
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 6126:00  
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6134:54  
CTD Dive Depth: 715m  
 Support Vessel: R/V Kaimikai-O-Kanaka Water Depth: 715m  
 Captain: Mike Hoshlyk Water Temperature: 5.3°C @ 715m

## Dive Narrative:

Two sub dive to conduct contour survey  
transects and sampling in support of the deep coral  
ecosystem recovery assessment project. 0806 P5 descending  
0838 Land on a sloping sandy bottom in 715m. 0849 P4  
passing 200m. Move upslope to 700m. 0853 697m. Begin  
transect #1 on 700m contour for 500m. 0938 703m  
Ended transect, collecting samples. Into an area at the base  
of an overhanging with many dead coral trees. 0940 Collecting  
paleo samples. 1004 700m. Start transect #2. 1028 End  
transect #2. 1030 701m moving south. 1040 Start transect  
#3 on 700m contour to the south. 1100 End transect #3.  
1106 697m Collect 2 gold coral bases. 1117 685m Move  
upslope to the North. 1138 581m Collect gold coral stump.  
Collect purple madrapora in jar #6. 1144 561m Long madrapora  
in jar #7. 1240 Start transect #4 to the NE. 1311 End transect  
#4. 1332 Start transect #5 on 500m contour to the N.

Pilot's Signature:

Terry Kerby

Date:

11/8/17

Operations Director:

Terry Kerby

Date:

11/8/17

Over →

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1405 495m End transect #5. 1416 503m Collect branch bamboo. Jar #14. 1439 498m. Start transect #6 to the NW. 1501 End transect #6. Transecting over steep to vertical carbonate terrain with many live gold coral trees and other diverse coral species. 1530 Pisces IV leaves the bottom. 1533 502m collect a bamboo coral stump. 1534 502m Move to the south. Moving over steep to vertical carbonate terrain. 1600 490m Collect genetic sample of a *Leopethes* in Jar #15. 1612 Leave the bottom from 454m. 1637 On the surface. 1644 Secure on deck.