

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-910 Date: Nov 11, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: N side W Northampton
 Observer 2: John Yeh Latitude: 25° 35.555' N
 Affiliation: HURL PIT Longitude: 172° 18.505' W
 Purpose: Research Training Test Time of Dive: 7:57
 Equipment Used: Time of Surface: 0755
 Cameras: Mini Zeus HD - ROS 5D Time Submerged: 1552
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6118:03
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6125:58
CTD Dive Depth: 797m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 797m
 Captain: Mike Hoshlyk Water Temperature: 5.0°C @ 797m

Dive Narrative:

Two sub dive to conduct survey and sampling in deep coral ecosystems. 0804 Pisces V descending. 0843 Lend on a steep sandy slope in 797m. 0846 P4 diving. 0858 Moving upslope to the SW. Steep sand and reef rubble slope. 0916 P4 on the bottom in 768m. 0925 start transect #1 on 500m contour for 500m. 0928 Turn to the SE. 0949 501m End transect. 0957 501m moving to the NW. 1004 400m collecting samples. 1146 510m On vertical wall. Top of wall is steep scoured carbonate pavement with no corals. Dense, diverse corals are growing on vertical wall. Use copilot to help with sampling. Once I get sub stable against wall, Copilot uses thrusters to hold sub in position while I open and close sample baskets and stuff samples in jars. 1257 497m collecting samples on wall. 1351 535m Enter a narrow box canyon to recover a large dead gold coral tree. 1440 P4 leaves the bottom. Seas picking up. 1521 leave the bottom from 300m. 1535 on surface. 1548 on deck

Pilot's Signature:

Terry Kerby

Date:

Nov. 2, 2017

Operations Director:

Terry Kerby

Date:

Nov 2, 2017