

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-871 Date: October 27, 2016
 Observer 1: Brenden Roark
 Affiliation: Texas A&M Dive Location: Bank 11, MWHI
 Observer 2: Beatriz Mejia Latitude: 28° 58.444' N
 Affiliation: Florida Atlantic University Longitude: 179° 32.692' W
 Purpose: Research Training Test
 Equipment Used:
 Cameras: Mini Zeus HD - ROS 50 Time of Dive: 0816
 Manipulators: Titan 4, HYCO Time of Surface: 1700
 Samplers & Sensors: CTD, Bio Boxes Time Submerged: 8:44
 Support Vessel: R/V Keimihai - O-Kanaloa Time Thru Last Dive: 3836:43
 Captain: Mike Hoshlyk Total Time to Dive: 3845:27
 Dive Depth: 551m
 Water Depth: 551m
 Water Temperature: 8.8°C @ 551m

Dive Narrative: Two sub dive to conduct transects and coral sampling
0854 Land on a steep sand and rock outer edge bottom in 455m 0903 Move
South. Collecting corals. 0941 Moving south collecting genetic samples and
whole colony samples of pink, red, acanella, dendroplitha and other corals. 1018 408m
Collecting samples. 1147 409m Collecting samples. 1244 424m Collecting
samples. 1349 443m moving North along a vertical wall. 1414 489m
collect large dead coral tree. 1427 Moving through vertical carbonate terrain.
Locate what could be the source of the gold coral tree branches and whole
trees down slope. 1513 Collect Gold coral stump. 1520 549m at the
edge of a vertical carbonate wall. Many old growth gold coral trees
many acanella. Move down wall. Steep carbonate slope at base of vertical
wall 549m. Many gold and acanella. Gold corals on wall. 1557 Move
back up wall. 499m More dead gold coral trees. 1600 Move SE at
429m. 1620 Leave the bottom from 385m.

Pilot's Signature: Terry Kerby Date: 11/3/16
 Operations Director: Terry Kerby Date: 11/3/16