

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-909 Date: Oct, 30, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: N end West Northampton
 Observer 2: Danielle Schimmenti Latitude: 25° 35.227' N
 Affiliation: FSU Longitude: 172° 18.506' W
 Purpose: Research Training Test Time of Dive: 0827
 Equipment Used: Time of Surface: 1630
 Cameras: MiniZeus HD - ROS-SD Time Submerged: 8:03
 Manipulators: Titan 4 - Hyco Time Thru Last Dive: 6110:00
 Samplers & Sensors: 2 Big Boxes Total Time to Dive: 6118:03
CTD Dive Depth: 704
 Support Vessel: RV Kaimikai-O-Kanaloa Water Depth: 704
 Captain: Mike Hoshlyk Water Temperature: 6.2° @ 655m

Dive Narrative:

Two sub dive to conduct contour survey
transects and collect samples. 0838 P5 descending.
0906 Land on a steep sand and carbonate rubble
slope at 655m. Large boulders in area. 0910 P4
descending. 0932 700m. 0935 Start transect #1 to the
NW. 0936 P4 on the bottom in 624m. 0957 700m End
transect #1. 1009 699m Collect dead coral tree. 1016 700m
start transect #2. 1039 704m End transect #2. 1047 Collect
dead coral tree. 1105 700m Start transect #3 running to the
NW along the 700m contour for 500m. Running over
rocky terrain at the base of a wall. 1124 End transect #3.
1127 700m Move upslope to the S. Encounter P4 at 600m
stop to let p4 pass on 600m transect. 1141 Moving upslope
to the S. 1145 603m at base of a vertical wall. Dense, diverse
coral garden growing on vertical wall. 1149 560m at break
in vertical to overhanging section of wall. Steep clean sand

Pilot's Signature:

Terry Kerby

Date:

11/1/17 over ↘

Operations Director:

Terry Kerby

Date:

11/1/17

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scoured carbonate with no corals. Vertical wall has dense gold, corallium regal, corallium secundum, acanella, madrapora, and many other species. Large gold coral trees.

1206 513m Sample gold coral tree. 1230 At 500m.

1232 500m Start transect #4 along 500m transect. Transect moves along some areas above the break in the wall but is mostly along a vertical wall with dense coral growth.

1250 504m. End transect #4. On edge of wall collecting gold coral sample. 1346 492m Start transect #5 along 500m transect to the East for 500m. 1417 508m. End transect #5.

1435 503m Move down wall. Call from surface. Wind and seas building. 25 knots+. Ask tracking to ask captain if we should abort. Captain does not care. It is up to me to decide. Decide to abort dive. P4 will leave bottom. 1459 500m Start transect #6.

1520 500m End transect #6. 1523 Move to the West. 1534 505m. In deep gully along vertical wall. Load large dead gold coral tree in sample basket.

1559 Run out in mid-water away from coral habitat on wall to drop ascent weights. 1613 On surface.

1624 Secure on deck.