

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-907 Date: Oct. 28, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: NE side E Northampton
 Observer 2: Savannah Goode Latitude: 25° 25.234' N
 Affiliation: FSU Longitude: 171° 58.584' W
 Purpose: Research Training Test Time of Dive: 0749
 Equipment Used: Time of Surface: 1645
 Cameras: MiniZeus HD - R05 SD Time Submerged: 8:56
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6092:31
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6101:27
CTD Dive Depth: 789m
 Support Vessel: M/V Kaimihai-O-Kenaloa Water Depth: 789m
 Captain: Mike Hoshlyk Water Temperature: 4.7°C @ 789

Dive Narrative: Two sub dive to conduct contour surveys
and collect samples. 0800 P5 descending. 0838 P4
descending. 0845 Land on a gentle sloping sand and
rubble bottom at 789m. Move upslope to 700m. 0912 Start
transect #1 to the East on 700m Contour. Moving along
layered ash walls. Pass over Pisces IV. 0937 701m End
transect #1. Dense madrapora debris on slope and in rocky
canyons. 1000 705m Collect Madrapora and cup corals.
1006 Move East 1013 700m start transect #2. 1041 End
transect #2. 705m Collect large dead dendrophylliz sample.
1043 Move East. 1056 694m start transect #3.
1125 702m End transect #3. 1132 702m Collect Gold coral
branch lying on bottom. Moving upslope to the South West.
1149 Moving up a clean vertical carbonate wall with very
dense and diverse corals. 1216 500m start transect #4.
1239 500m End transect #4. Encounter a very new looking

Pilot's Signature: Terry Kerby Date: 10/31/17 ^{Over} →
 Operations Director: Terry Kerby Date: 10/31/17

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fishing longline on the bottom. Line is stretched tight over a smooth carbonate bottom with coils of rock lines and shiny stainless steel clips. Run along end over line during transect #4 & #5.

1303 498m start transect #5 moving over longline.

1325 501m End transect #5. 1337 501m. Into basalt rocks welded into carbonate. Several corallium in this area.

Collecting genetic samples. 1420 500m Start transect #6.

Moving NW. 1438 502m End transect #6. 1500 P4

leaves the bottom. 1510 600m moving down a well.

1603 602m Collected dead gold coral. Leave the bottom from 602m. 1637 On the surface. 1641 On deck.