

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-897 Date: Sept. 27, 2017
 Observer 1: Brenden Roark
 Affiliation: TAMU Dive Location: Colahan Seamount
 Observer 2: Melissa Betters Latitude: 31°02.357'N
 Affiliation: _____ Longitude: 175°53.576'W
 Purpose: Research Training Test
 Equipment Used: _____
 Cameras: Mini Zeus HD - ROS-5D Time of Dive: 0823
 Manipulators: Titan 4 - HYCO Time of Surface: 1638
 Samplers & Sensors: 2 Bio Boxes, Time Submerged: 8:15
CTD Time Thru Last Dive: 6014:56
 Support Vessel: R/V Kaimikai-o-Kanaloa Total Time to Dive: 6023:11
 Captain: Mike Hoshlyk Dive Depth: 705m
 Water Depth: 705m
 Water Temperature: 5.7°C @ 700m

Dive Narrative: Two sub dive to conduct contour transects
surveys and collect samples. Pisces II launches first.
0903 427m. Land on a steep carbonate slope. 0937
Descending down a vertical wall to 700m. 0938 Pisces IV
on approach for launch. KOK e borts launch approach
due to aggressive and unsafe maneuvering over dive
site by Japanese fishing vessel Shoshin Maru #88.
Fishing vessel passes over the top of Pisces V. I suspect
we have been depth charged with fish heads as Pisces IV
discovered fresh fish heads on the bottom. Fishing vessels
gear is 2 miles to the south drifting south.
1024 Pisces IV is on the bottom at 567m. Fishing vessel
moves close to dive site then is heard moving off to the
south. 1036 700m. Waiting for Pisces IV to get to 600m
to start parallel transects. 1102 700m Start transect #1.
P4 starting transect #1 at 600m. 1124 703m End transect #1.

Pilot's Signature: Terry Kerby Date: 10/4/17
 Operations Director: Terry Kerby Date: 10/4/17

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1127 703m moving to next transect site. 1137 702m collecting samples. 1139 700m Start transect #2. P4 has thruster failure. Aborts dive. 1203 700m. Have gone 100m past end of transect. Encounter a lot of lost fishing gear on the bottom. 1207 700m. Discover lines and net with glass fishing floats floating sections of line at 700m. 1214 Move S. 1223 Moving upslope to the East. 1234 648m Collecting samples. 1248 Discover floating line being held up in water column by fishing floats. Spans of line in vertical terrain with fine mesh net still killing seelife. 1252 Move upslope to the south. 1306 631m. Finding gullies and cliff face shelves covered with Madrapora debris. Moving up a basalt pinnacle. Corallium and other corals on Madrapora. Collecting samples. Summit of pinnacle appears to have been swept clean of Madrapora source by fishing nets. 1335 600m Start transect #3. 1400 End transect #3. 1403 601m Start transect #4. 1414 603m Collect gold coral branch broken from some source upslope and laying on bottom. 1426 End transect. 1429 Collect corallium. 1437 599m Moving upslope to the SW. 1457 500m Start transect #5. 1516 End transect. 1518 505m. Start transect #6. 1541 503m End transect #6. 1542 Move up a vertical wall to the East. 1557 Leave the bottom from 454m. 1618 On surface 1634 Secure on deck.