

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-901 Date: Oct 1, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: NW Hancock Seamount
 Observer 2: Allison Metcalf Latitude: 30°16.831'N
 Affiliation: FSU Longitude: 178°43.087'E
 Purpose: Research Training Test
 Equipment Used: Mini Zeus HD - ROS-SD Time of Dive: 0830
 Cameras: Mini Zeus HD - ROS-SD Time of Surface: 1645
 Manipulators: Titan 4 - HYCO Time Submerged: 8:15
 Samplers & Sensors: Bio Box #1 & #2 Time Thru Last Dive: 6045:28
CTD Total Time to Dive: 6053:43
 Support Vessel: R/V Kaimikai-O-Kanaloa Dive Depth: 705m
 Captain: Mike Heshlyk Water Depth: 705m
 Water Temperature: 6.0° @ 705m

Dive Narrative: Two sub dive to conduct contour transects
and collect samples. 0840 P5 launches. 0916 688m
On the bottom on a steep sloping carbonate bottom.
0919 Move downslope to the SE. 0935 705m Start
transect #1 on 700m contour to the south. Moving
along steep mixed carbonate and basalt terrain. Many
coral dredging lines on the bottom. 1005 675m Moving
upslope to the NW. 1023 600m. Begin transect #2 to the
N on 600m contour. Madrapora debris on basalt
walls. 1049 601m End transect. 1100 601m Move W.
1104 597m collecting samples. 1138 Move upslope to
the W. 1146 501m. Start transect #3. Move along rugged
vertical basalt walls with undercuts. 1211 503m End
transect #3. 1215 503m Move N. 1228 Start transect #4 on
500m contour. Moving along vertical basalt walls with steep
gulleys between sharp aretes. Discover heavy nets on walls.

Pilot's Signature:

Terry Kerby

Date:

10/7/17

Operations Director:

Terry Kerby

Date:

10/7/17

Over →

P5-901

Trawl net with steel spheres and cables fouled on wall. Heavy gauge trawl net suspended in mid water held up by float. Cables hanging down wall below nets and strings of rollers. Stop transect to assess hazard. 1312 500m End transect #5. 1322 500m. Start transect #6 at 500m. Vertical basalt terrain with overhangs and undercuts. 1343 Collecting samples. 1359 507m Move upslope to 400m contour. 1418 434m Into an area with many branched bamboo corals. Collecting samples. Discover more trawl gear. Nets, strings of steel rollers on cables and floats. Most of this gear is laying on the bottom. No suspended nets. Pisces IV passes Pisces V conducting a transect. Pisces IV discovers a massive amount of lost trawl gear at 308m cables with strings of steel bottom rollers and a large amount of floating nets (circus tent area). 1530 P4 leaves the bottom. 1531 P5 moves NE, Rugged steep carbonate terrain. Move NE. Terrain flattens to carbonate pavement at 273m. 1616 273m. Leave the bottom. 1627 On the surface. 1640 Secure on deck.