

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: 25-887 Date: Aug 30, 2017
 Observer 1: Sam Kehring
 Affiliation: HPU Dive Location: South of Kona 1919 flow
 Observer 2: Ryan Hoff Latitude: 19° 13.316' N
 Affiliation: HPU Longitude: 155° 54.735' W
 Purpose: Research Training Test
 Equipment Used:
 Cameras: Mini Zeus HD - ROS SD Time of Dive: 0754
 Manipulators: Titan 4 - HYCO Time of Surface: 1556
 Samplers & Sensors: Time Submerged: 8:02
 Time Thru Last Dive: 5944:24
 Total Time to Dive: 5952:26
 Dive Depth: 634m
 Water Depth: 634m
 Water Temperature: 6.3 °C

Dive Narrative: Piscus V dive to survey for corals on two different flow features. 0757 Launch. 0840 Land on a steep talus rubble slope at 634m. 0851 633m Moving North to locate ridge of lava flow. No distinct ridge. Finger flows with deep gulleys. 1009 Begin transect at 400m. 1029 400m End transect. 1044 400m moving N to northern flow feature. 1121 400m have gone past feature. No distinct ridge. 1230 315m moving up slope. 1249 242m collecting sample. Jar #2. Coral sample. Gorgonian. 1302 242m moving to the South. 1323 360m Move to the southern ridge. No expected corals found on N. feature. 1323 360m Move S. 1335 410m Collecting samples. Not finding definite black coral colonies on southern feature. 1419 285m Move up slope. 1440 235m Moving down slope to the West, Piscus IV has surfaced. 1507 525m Moving offshore in mid water for recovery. 1512 Drop weight in mid water at 557m. 1537 On surface. 1550 Secure on deck.

Pilot's Signature: Terry KerbyDate: 9/9/17Operations Director: Terry KerbyDate: 9/9/17