

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-889 Date: Sept 14, 2017  
 Observer 1: Brandon Roark  
 Affiliation: TAMU Dive Location: SE Hancock Seamount  
 Observer 2: Melissa Betters Latitude: 29°46.744'N  
 Affiliation: \_\_\_\_\_ Longitude: 179°03.695'E  
 Purpose: Research Training Test Time of Dive: 0755  
 Equipment Used: Time of Surface: 1355  
 Cameras: Mini Zeus HD - ROS SD Time Submerged: 6:00  
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 5956:54  
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 5962:54  
CTD Dive Depth: 662 m  
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 662 m  
 Captain: Mike Hoshlyk Water Temperature: 6.7°C @ 662m

## Dive Narrative:

Two sub dive to recover "Lander" instrument left here last year. Pisces V launches first. 0801 Launch. 0840  
Land on a steep basalt slope at 662m. Get trim and move upslope to start transect to the East at 556m. 0900 Stop at 607m to collect a dead coral sample. Pisces IV descending on top of Pisces V. Max moves P4 clear of P5 for landing. 0902 Contouring at 556m to the East. Moving through vertical barren carbonate terrain with deep cut canyons. 0926 555m. Locate Lander. 0938 P4 arrives at Lander. Spotting for P5 as we work around two heavy gauge drag lines to complete Lander tasks. 0954 Have recovered both settling trays from Lander. Remove extra steel slab weight. 1014 In position to release main wt. 1020 Release Lander wt. Barely buoyant. 1037 P4 & P5 move ~~East~~ to collect samples. 1015 516m Dead corallium in Jars 1, 2 & 3. 1056 Moving East at 516m. 1114 Lander still not seen on surface. Collecting samples at 514m. 1138 Collecting samples. 1141 Poor comms. P4 & P5 start moving back to the West to close over

Pilot's Signature:

Terry Kerby

Date:

9/15/17

Operations Director:

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the distance to KOK. Still searching for Lender on the surface. 1151 564m PV in vertical to overhanging basalt walls with numerous drag lines, tangle nets, and dredge weights. KOK locates and recovers Lender. 1210 564m Collect dead coral in large basket. Pisces IV leaves the bottom, 1308. Pisces IV is in the hanger. P5 leaves the bottom from 545m. 1332 On the surface. 1346 Secure on deck.