

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-893 Date: Sept 21, 2017
 Observer 1: Nikki Morgan
 Affiliation: FSU Dive Location: Koko Seamount
 Observer 2: John Yeh - Latitude: 35° 04.108' N
 Affiliation: HURL Sub ops PIT Longitude: 171° 51.805' W
 Purpose: Research Training Test
 Equipment Used: Time of Dive: 0758
 Cameras: Mini Zeus HD-ROS-SD Time of Surface: 1715
 Manipulators: Titan 4-HYCO Time Submerged: 9:17
 Samplers & Sensors: 2 Bio Collecting Time Thru Last Dive: 5986:46
Boxes- CTD Total Time to Dive: 5996:03
 Support Vessel: R/V Kaimikai-O-Kanaloa Dive Depth: 502m
 Captain: Mike Hoshlyk Water Depth: 502m
 Water Temperature: 9.8° @ 400m

Dive Narrative: Two sub dive to conduct transects and collect coral samples. Pisces V launches first at 0809. 0839 On the bottom at 488m. 0849 Collecting samples Landed on a hard carbonate substrate with a wide range of corals including corallium. 0854 Move SE collecting samples. 0923 Pisces IV on the bottom. 1026 470m Fill all 15 Jars in Bio box #2 with samples from same general area. Many corallium. 1029 Complete sampling in this area. Move upstage to the South West. 1059 399m Start transect #1. See many lines dredge weights and old tangle nets. 1120 End transect #1. 1126 Collecting samples. 1135 400m Start transect #2. 1151 403m End transect #2. 1204 Collect samples. 1213 Start transect #3. 1233 400m End transect. 1234 400m Move to 500m. 1248 437m Collect sample. 1309 500m start transect back towards Pisces IV to close distance. 1329 500m End transect #4. Move to the NE. 1342 Start transect #5. 1400 End transect #5. Collect samples. 1418 Start transect #6. 1436 501m End transect #6. Beginning 500m transects were along a vertical wall. Passed by one second 500m transect. over

Pilot's Signature: Terry KerbyDate: 9/23/17Operations Director: Terry KerbyDate: 9/23/17

PISCES V DIVE REPORT

Date: 10/22/87 Time: 07:00
 Diver: John Diver 2: John
 Location: 1000' Altitude: 1000'
 Latitude: 32° 00' N Longitude: 117° 21' W
 Time of Dive: 07:30 Purpose: Training
 Time of Surface: 07:45 Equipment Used: SCUBA
 Time Surface Boat: 07:50 Camera: None
 Time Start on Dive: 07:55 Altitude: 1000'
 Total Time to Dive: 08:03 Species & Numbers: None
 Dive Depth: 1000'
 Water Temp: 20°C
 Water Transparency: Good

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1448 498m Collecting samples. Very few corallium along
 500m transects. 1458 494m Collect sponge in jar #10.
1528 Collect *Mastopora*. 1532 Pisces IV leaves the bottom.
1619 386m Moving upslope. Moved up steep carbonate
 with rugged relief and corals to a clean slope of scoured
 carbonate pavement. 1634 371m Land on a smooth
 clean current swept carbonate substrate with no corals.
1642 Leave the bottom from 371m. Make a normal
 recovery.