

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-895 Date: Sept 13, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: Koko Seamount
 Observer 2: Kelly Klein Latitude: 34° 49.420' N
 Affiliation: FSU Longitude: 171° 53.127' E
 Purpose: Research Training Test
 Time of Dive: 0804
 Equipment Used: Time of Surface: 1650
 Cameras: Mini Zeus HD - POS - SD Time Submerged: 8:46
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6000:37
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6009:23
CTD Dive Depth: 607m
 Support Vessel: R/V Kaimikai - O-Kanaloa Water Depth: 607m
 Captain: Mike Hoshlyk Water Temperature: 5.2°C @ 607m

Dive Narrative: Two sub dive to conduct contour transects and collect coral samples. Pisces V launches first at 0815 0849
Land on a hard clean current swept bottom at 527m. Steep
terrain 0856 529m Moving South. 0904 534m collect Leopathes
sample. Collect sponge sample. 0909 534m Moving south. 0923
Pisces IV spots Pisces V's lights and lands near Pisces V. 1012
602m. P5 starts first 500m transect on the 600m contour.
Contouring in vertical terrain. 1030 603m End transect.
1040 Collecting samples. 1051 601m, Begin transect #2. 1112 End
transect #2. 1127 start transect #3 on 600m contour. Seeing
more dredg wts, lines and tangle nets, but many live corals.
Many Leopathes and some corallium. 1143 End transect. Collecting
samples. 1221 Move upslope to 500m contour 1228 499m Collecting
samples 1247 500m Start transect #4 at 500m. 1305 503m End
transect #4. Transit over extensive coral bed. 1320 508m Move
NE. 1321 P4 transecting to the NE at 500m. 1340 Move NE. over

Pilot's Signature: Terry KerbyDate: 9/26/17Operations Director: Terry KerbyDate: 9/26/17

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1400 527m Collecting samples. 1517 509m Moving upslope to the West. 1530 Pisces IV leaves the bottom. 1532 490m caught fish with manipulator. 1535 Moving NW. Moving over barren current scoured carbonate terrain. 1608 440m moving through a dense bed of Murella like corals. Can see dredge scars on bottom from dredge weights. Some corals are growing on the dredge wt. scar tracks. It looks like this area has recovered from the coral dredging. No corallium. 1611 Leave the bottom from 440m.