

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-892 Date: Sept 20, 2017  
 Observer 1: Brenden Reark  
 Affiliation: TAMU Dive Location: Koko Seamount  
 Observer 2: Melissa Betters Latitude: 35° 03.089' N  
 Affiliation: \_\_\_\_\_ Longitude: 171° 58.181' E  
 Purpose: Research Training Test Time of Dive: 0844  
 Equipment Used: Time of Surface: 1427  
 Cameras: MiniZeus HD - ROS-5D Time Submerged: 5:43  
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 5981:03  
 Samplers & Sensors: 2 Bix boxes Total Time to Dive: 5986:46  
CTD Dive Depth: 703m  
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 703m  
 Captain: Mike Hoshlyk Water Temperature: 4.6°C @ 703m

Dive Narrative: Two sub dive to conduct transects and sampling.  
Pisces V launches first. 0849 Launch. 0931 703m. Lend on  
a flat sediment covered carbonate bottom. 0941 Move upslope  
to the SW. 0952 Collecting samples. 0955 Moving SW.  
Moving up a vertical carbonate wall. 1012 666m collect dead  
corallium. Pisces IV on the bottom in 702m. 1105 start transect  
to the West on the 600m contour. Transecting along a vertical wall.  
Passing over draglines, tanglenets and dredgweights 1126 End transect.  
1132 601m Collecting samples. 1200 600m start transect to the  
West. Moving along vertical terrain. 1223 601m End transect.  
Collecting samples. 1245 Surface reports sustained 25 to 30 kn  
winds. Abort dive. 1250 P4 leaves the bottom from 500m. P5 Moves  
up wall to 500m. Move S. 1308 Move to the West. 1335 PIV in  
hanger. 1342 Leave the bottom from 556m. 1406 On the surface.  
1432 Secure on deck.

Pilot's Signature: Terry Kerby Date: 9/20/17  
 Operations Director: Terry Kerby Date: 9/20/17