

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-870 Date: Oct 26, 2016
 Observer 1: Brendan Roark
 Affiliation: Texas A&M Dive Location: Bank 11 NWHL
 Observer 2: Arvindt Sharetham Latitude: 28° 59.360' N
 Affiliation: Florida State Longitude: 179° 33.034' W
 Purpose: Research Training Test Time of Dive: 0930
 Equipment Used: Time of Surface: 1657
 Cameras: Mini Zeus HD-ROS 50 Time Submerged: 7:27
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 3829:16
 Samplers & Sensors: _____ Total Time to Dive: 3836:43
 _____ Dive Depth: 680m 2230ft
 Support Vessel: R/V Kaunika-i-o-Kenaloa Water Depth: 680m
 Captain: Mike Hoshlyk Water Temperature: 5.6° @ 680m

Dive Narrative:

Two sub dive to conduct transects and coral sampling. 1026 Land on a steep sandy bottom in 680m. 1035 Move SE to first way point. 1043 672m collecting samples Move SE toward way point #1 collecting samples along the way. Moving through steep rocky terrain. P4 reports thruster control lever problem. Can still conduct transects. 1335 locate a large dead gold coral tree on bottom. Collect base. 1648 start 600m contour transect for 500m. 1416 End transect. 1421 Move 5 to start position of next transect. Seeing many dead coral trees in damage. 1430 start second 600m contour transect. 1449 602m End 500m long transect on 600m contour. 1502 601m Move upslope to the West. 1527 Ascend a vertical carbonate wall. Ascend to 350m. Wall keeps going. Descend to 400m. 1538 start 400m contour transect along a vertical carbonate wall 1557 End transect. Pisces 4 conducting parallel contour transects. Collecting samples. Pisces IV leaves bottom. 1605 Move up wall to the west 1623 Leave the bottom from 308m.

Pilot's Signature:

Terry Kerby

Date:

11.3.16

Operations Director:

Terry Kerby

Date:

11.3.16