

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-915 Date: Nov 11, 2017
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: Brooks Banks
 Observer 2: Jessica Perelman Latitude: 23° 58.398' N
 Affiliation: University of Hawaii Longitude: 166° 39.680' W
 Purpose: Research Training Test
 Time of Dive: 0750
 Equipment Used: Time of Surface: 1643
 Cameras: MiniZeus HD-1205.5D Time Submerged: 8:53
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 6156:11
 Samplers & Sensors: 2 Bio Boxes Total Time to Dive: 6165:04
CTD. Dive Depth: 502m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 502m
 Captain: Mike Hoshlyk Water Temperature: 9.7°C @ 500m

Dive Narrative: Two sub dive to conduct transect surveys
and collect samples. Re-doing transects from first
Brooks Banks dive when we had strong currents and
the transects were too fast. 0800 P5 descending.
0830 500m. Land on a hard carbonate pavement bottom.
Sediment dusting and some branched bamboo corals.
0841 500m. Start transect #1 to the south for 500m on
500m contour. 0858 P4 on bottom in 488m. 0859 End
transect #1. 0917 500m. Start transect #2. 0938 500m.
End transect #2. 0950 501m Start transect #3. 1014
End transect #3. 1021 502m Move up slope to the NW.
1109 400m. Start transect #4 on 400m contour to the
SW. 1136 403m. End transect #4. 1142 Moving to the SW.
1153 400m Start transect #5. 1213 401m End transect
#5. 1216 Moving SW. Moving over steep sand scoured
carbonate pavement. 1228 400m start transect #6.

Pilot's Signature: Terry Kerby Date: 11/13/17 ^{over} →
 Operations Director: Terry Kerby Date: 11/13/17

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Moving to the SW over sand scoured carbonate pavement. 1248 401m End transect.

1252 401m Move upslope to the NE. 1302 350m.

Start transect #7 on 350m contour to the NE.

1305 350m Start. 1319 350m End transect #7.

1336 352m. Start transect #8. 1350 350m. End

transect #8. 1355 350m. Move downslope to the

East. 1437 456m, Moving to the NE to large

boulder area with dense gold coral beds. 1522

456m Collecting large dead gold coral trees

in giant boulder area. Boulder area position

L $23^{\circ}57.714'N$ $166^{\circ}40.303'W$. Collected a

basket full of dead gold coral trees laying loose

on the bottom. Collected trees with HYCO Arm.

(Titen inop) 1600 463m Leave the bottom. 1626

on the surface. 1636 on deck.