

PISCES V DIVE REPORT

Pilot: T. Kerby Dive #: PS-879 Date: Nov 5, 2016
 Observer 1: Brendan Roark
 Affiliation: TAMU Dive Location: Yuryaku Seamount
 Observer 2: Kelci Miller Latitude: 32° 37.998' N
 Affiliation: TAMU Longitude: 172° 18.428' E
 Purpose: Research Training Test Time of Dive: 0814
 Equipment Used: Time of Surface: 1711
 Cameras: Mini Zeus HD - 205 SD Time Submerged: 8:57
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 3897:53
 Samplers & Sensors: CTD Sampling boxes Total Time to Dive: 3906:50
 Support Vessel: R/V Kaimikai-O-Kanaloa Dive Depth: 661
 Captain: Mike Hoshlyk Water Depth: 661
 Water Temperature: 5.2°C @ 661

Dive Narrative: Two sub dive to conduct transects
and sample collecting. 0900 Land on a steep rocky
bottom in 563m. Collect dead coral tree debris. 0924
Dropped to 600m. Locate a medrapora haypile. 0928
Start the 600m transect. 1002 Past end of transect.
1004 Move up to 500m. Collecting samples. 1032 500m
begin transect. Move ESE. 1100 End transect. 1110 Move
downslope to 650m. 1129 Moving downslope to the south.
Collecting corals. Subs getting far apart. Comms getting
difficult. 1205 Move downslope collecting samples. Steep walls
with only stumps of corals. Now all gone with no new
regrowth. Scar marks from dredging. Dead clumps of Medrapora
1245 Start 650 m transect along the top of a wall. 1253 Come
across fouled floating heavy gauge line. Large loops and
lines going out of sight in water column. Find a safe
spot to land away from lines. 1253 Call surface to report

Pilot's Signature:

Terry Kerby
Terry Kerby

Date:

11/6/16

Operations Director:

Date:

11/6/16

floating lines. Position L 32° 37.763' N
 λ 172° 18.409' E. Caution tracking to make sure
 Pisces IV does not get into this area. Line runs
 along 650m contour. 1256 652m Start a new
 transect. 1320 End transect. 1322 No comms with
 Pisces IV. P-4 is 1260m away. Stop sampling
 to move East back to Pisces IV. 1354 650m to P-4.
1420 478m Collect dead corallium. 1504 473m
 Collecting samples. Near Pisces IV. Strong communications
 Summit of feature has many scar marks from
 dragging operations. Many primnoids coming
 back. A few small scattered corallium Regal. Take
 some samples for genetics. 1526 Move around P-4.
 Pisces IV leaves the bottom. 1550 Collecting samples.
1628 Moved out of coral area to drop ascent weights
 Leave the bottom from 486m.