

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-842 Date: NOVEMBER 15, 2014
 Observer 1: KEN RUBIN
 Affiliation: SOEST GEG Dive Location: PENGUIN BANKS
 Observer 2: JOHN ROONEY Latitude: N 20° 56.649'
 Affiliation: SOEST GEG Longitude: W 157° 33.585'
 Purpose: Research Training Test
 Equipment Used:
 Cameras: MINI-ZEUS HD, ZOS SD
 Manipulators: HYCO, ORION 7P
 Samplers & Sensors: 3 ROCK CRANES
 Support Vessel: R/V KARIKARI-O-KAWAALO
 Captain: DON JACK Time of Dive: 0755
 Time of Surface: 1622
 Time Submerged: 8:27
 Time Thru Last Dive: 5652:57
 Total Time to Dive: 5661:24
 Dive Depth: 220m
 Water Depth: 220m
 Water Temperature: not recorded

Dive Narrative: HAWAIIAN PALEOREEFS DIVE. 0822 220m land on the bottom on
a gentle, sandy slope. Move upslope to NW. 0848 110m steep slope with carbonate outcrops.
0859 collect sample #1, bin 1. 0907 104m sample #2, bin 1. 0915 move upslope N. 0917 traverse
dowslope E from 85m. 0928 107m sample #3, bin 5. 0938 102m sample #4, bin 5. 0954 115m
sample 5a, b, bin 2. 1000 continue dowslope E. 1009 121m sample #6, bin 3. 1028 124m sample #7,
bin 4. 1040 continue dowslope E. 1051 131m sample #8, bin 4. 1054 continue dowslope S. 1103 152m
sample 9, bin 3. 1107 move upslope NW. 1116 146m sample #10, bin 3. 1120 continue upslope to
Wall. 1126 140m sample #11, bin 2. 1130 continue upslope. 1134 133m sample #12, bin 2. 1154 130m
sample #13, bin 1. 1217 113m sample #14, bin 5. 1248 95m sample #15, bin 6. 1252 traverse
dowslope NNE. 1307 111m sample #16, bin 5. 1326 130m sample #17, bin 6. 1351 142m
sample #18, bin 6. 1408 150m sample #19, bin 6. 1417 MOVE ^{865m} NNE to suspected outcrop
across the basin. Deepest point on the crossing is 20m. 1447 arrive at way point, continue
upslope in search for outcrops. 1459 118m sample #20, bin 3. 1518 127m sample #21, bin 5.
1543 130m sample #22, bin 6. 1552 119m sample #23, bin 5.
1555 leave the bottom from 119m. Normal recovery.

Pilot's Signature:



Date:

11-16-14

Operations Director:

Date:

11/17/14