

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-732 Date: MARCH 26, 2009
 Observer 1: JOHN RUNCIE
 Affiliation: University of Sydney Dive Location: PENGUIN BANKS
 Observer 2: BYCE EDWARDS Latitude: 20° 56.030' N
 Affiliation: UH HILO Longitude: 157° 30.148' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0807
 Special Equipment: _____ Time of Surface: 1620
 Cameras: ROS, MINI-ZEISS Time Submerged: 8:13
 Manipulators: HYCO, TITAN 7F Time Thru Last Dive: 4929:06
 Samplers/Sensors: RIO BOX, COVERED CRATE Total Time to Dive: 4937:19
LIGHT SENSOR, CTD-DO Dive Depth: 281m
 Support Vessel: R/V KAIMIHI-O-KANALOA Water Depth: 281m
 Captain: ROSS BARNES Water Temperature: refer to CTD log
 Visibility: EXCELLENT, 25+ m

Dive Results/Remarks: ALGAE COLLECTING DIVE. 0828 121m land on bottom on a gentle, sandy slope. 0842 move down slope to S. 0849 146m collect bobolittles. 0904 179m collect bobolittles. 0914 continue down slope to S. 0929 212m collect bobolittles. Continue down slope to SE. 0946 241m collect carbonate samples in situ, broken from their ledges. 1011 continue down slope to 260m contour. 1018 261m collect carbonate sample. 1033 move down slope to 280m contour. 1055 281m collect carbonates. 1112 contour W at 280m. 1128 271m collect carbonate sample. 1155 265m collect carbonates. 1203 207m at a large cave full of kahalas. 1215 move up slope to 140m. 1230 126m collecting algae samples. 1247 117m collect algae samples. Continue up slope N. 1201 109m collect algae samples. Continue moving N and collecting algae samples until 1436. Then move SE in search of shallower waters. 1453 112m encounter severe entanglement hazard, suspended heavy polyprop lines 20° 56.073' N 157° 29.993' W. Equipment Deficiencies: 1509 110m continue to search for algae samples around the summit of the pinnacle for the rest of the dive. 1600 113m leave bottom. Manual vacuum

Pilot's Signature: _____

Date: 3-27-09

Operations Director: _____

Date: 3/30/09