

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-734 Date: APRIL 3, 2009
 Observer 1: HEATHER SPALDING
 Affiliation: UH Dive Location: AU'RU CHANNEL OFF MAUI
 Observer 2: HOLLY BOLICK Latitude: 20° 46.280' N
 Affiliation: BISHOP MUSEUM Longitude: 156° 40.195' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0803
 Special Equipment: _____ Time of Surface: 1621
 Cameras: ROS, MINI-ZEISS Time Submerged: 9:19
 Manipulators: HYCO, TITAN 2F Time Thru Last Dive: 4945:48
 Samplers/Sensors: BIO BOX, 2 COVERED CRATES Total Time to Dive: 4954:07
SEDIMENT SCOOP, CTD-DO Dive Depth: 120m
 Support Vessel: R/V KAHIKANI-O-KANALOA Water Depth: 130m
 Captain: ROSS BARNES Water Temperature: refer to CTD log
 Visibility: fair, 10 + m

Dive Results/Remarks: CORAL SYSTEM REEF ECOSYSTEM SURVEY DIVE.
0823 114m landing on a gentle slope with some carbonate outcrops and small leptosiphis specimen. 0839 collect samples near landing zone. Moving W towards "FRANK'S" mooring. 0852 130m collect sponge samples. 0902 123m locate and inspect "Frank's" mooring. Array in good working order. 0918 move upslope N, collecting samples on several occasions. 1103 90m move NW to search for "JOHN'S" mooring, collecting sponge and algae samples on the way. 1236 84m locate and inspect "John's" mooring. Array looks in good working order. Contour at 90m looking for sponges. 1313 89m collect algae and sponge samples, also sediment scoop. 1329 continue to contour NW at 90m. 1339 92m collect algae and sponge samples. 1406 continue to contour NW at 90m. 1420 93m collect algae samples. 1457 continue to follow the 90m contour in a westerly direction, gradually turning to S. 1516 93m locate carbonate ledge with rich cavities. Equipment Deficiencies: Continue to contour at 90m. 1545 92m collect colonial corals. 1556 complete sampling and prepare to leave the bottom. 1600 leave bottom from 92m. Normal recovery.

Pilot's Signature: _____

Date: 4-4-09Operations Director: D. KellyDate: 4/5/09