

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-736 Date: APRIL 5, 2009

Observer 1: RAY BOLAND

Affiliation: NMFS Dive Location: AU'AU CHANNEL OFF MAUI

Observer 2: CHRISTINA BRADLEY Latitude: 20° 46.250' N

Affiliation: UH ZOOLOGY Longitude: 156° 40.132' W

Purpose: Research Training Test Time of Dive: 0807

Other: _____ Time of Surface: 1618

Special Equipment: _____ Time Submerged: 8:11

Cameras: EOS, MINI-ZEISS Time Thru Last Dive: 4962:20

Manipulators: HYCO, TITAN 7F Total Time to Dive: 4970:31

Samplers/Sensors: BIOBOX, 2 COVERED CRATES, Dive Depth: 115m
MARKERS, CTD-DO, 4PT. LASER SCALER Water Depth: 115m

Support Vessel: R/V KAHOIKUI-O-KAHOLOA Water Temperature: refer to CTD log

Captain: ROSS BARNES Visibility: fair, 10+ m

Dive Results/Remarks: CORAL REEF ECOSYSTEM SURVEY DIVE. 0826 115m on a gentle slope with Halimeda sand, near a carbonate ledge. 0835 move upslope to 110m. 0838 at bottom of ledge, deploying MKR # 8. 0844 contouring N at 110m, starting transect #1. 0854 suspend transect to collect samples of leptosiris, sponges, and Halimeda. 0914 resume transect #1 at 110m. 0938 115m complete transect #1, deploy MKR #1. 0949 collect samples near MKR #1. 1004 move upslope to 100m contour. 1012 104m collect green algae, red algae and coral. 1034 continue to move upslope to 100m. 1037 begin transect #2 to W at 100m. 1105 suspend transect to collect samples. 1133 continue transect #2, now moving N. 1144 end transect #2. 1147 move upslope to 90m. 1152 90m deploy MKR # 7. 1211 start transect #3 to W. 1249 89m end transect #3. 1300 collecting samples and deploy MKR #9. Move upslope. 1326 84m start transect #4 to E. 1333 85m collect samples. 1420 87m end transect #4. 1425 collect algae samples. 1441 move SW. 1458 85m collect invertebrate leptosiris. 1521 Equipment Deficiencies: continue SW toward deep off. 1535 92m collect samples of spotted leptosiris. 1559 leave bottom from 92m. Normal recovery.

Pilot's Signature: _____

Date: 4-27-09

Operations Director: _____

Date: 4-30-09