

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-757 Date: MARCH 2, 2011
 Observer 1: BRIAN POPP
 Affiliation: SOEST Dive Location: AU'AU CHANNEL, MAUI
 Observer 2: MELISSA ROTH Latitude: N 20° 48. 777'
 Affiliation: LAWRENCE BERKELEY NAT. LABS Longitude: W 156° 42. 742
 Purpose: Research Training Test Time of Dive: 0810
 Other: _____ Time of Surface: 1622
 Special Equipment: _____ Time Submerged: 8:12
 Cameras: MINI-ZEISS HD, EOS SD Time Thru Last Dive: 5100:40
 Manipulators: TITAN 4, 14900 Total Time to Dive: 5108:52
 Samplers/Sensors: CTD-DO, 2 BIO BOXES Dive Depth: 100m
BLUE LIGHT FILTERS ON 4M & CAM 250W Water Depth: 100m
 Support Vessel: R/V KAIMIKOI-O-KANALOHA Water Temperature: refer to CTD log
 Captain: ROSS BARNES/CLARY GUTZERT Visibility: fair to poor (silt/ing issues)

Dive Results/Remarks: CRES PROGRAM DIVE: ALGAE & LEPTOSIRIS COLLECTION.

0846 77m on bottom in a flat, sandy area with carbonate rubble. Move upslope to 77m and commence sampling of leptosiris, leliinoda, ulva and brown algae. Continue to move along 75-77m contour and sample as opportunities arise. At 1159 moving upslope to find an area with less steep outcrops, i.e. away from the escarpment. 1223 75m continue sampling of above mentioned species until 1315. Start moving to WSW in direction of 65m sampling site. 1323 79m interrupt transit to collect more samples. 1401 69m collecting in an area of old looking, thick leptosiris. 1407 continue WSW. 1412 67m begin sample collection in the 67-65m depth range. Continue sampling for remainder of dive. 1600 leaving the bottom from 65m. Normal recovery.

Pilot's Signature: _____

Date: 3-4-11

Operations Director: _____

Date: 3-7-11

For equipment deficiencies, refer to maintenance logs.