

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-710 Date: DECEMBER 7, 2007
 Observer 1: TONY MONTGOMERY
 Affiliation: DLNR Dive Location: RU'RU CHANNEL OFF MAUI
 Observer 2: JOHN ROONEY Latitude: 20° 48.137' N
 Affiliation: UMFS CORAL/REEF DIV. Longitude: 156° 43.088' W
 Purpose: Research Training Test Time of Dive: 0908
 Other: _____ Time of Surface: 1554
 Special Equipment: _____ Time Submerged: 7:46
 Cameras: SONY DV, ROS Time Thru Last Dive: 4785:44
 Manipulators: TITAN 7F, HYDO Total Time to Dive: 4791:30
 Samplers/Sensors: CTD-DO, BIO BOX, STRONG BOX, Dive Depth: 112m
OPEN CRATE, SHOVEL Water Depth: 112m
 Support Vessel: R/V KAHAKUHI-O-KIPUNIPLOA Water Temperature: REFER TO CTD LOG
 Captain: ROSS BARNES Visibility: FAIR, 10+ m

Dive Results/Remarks: TWO-SUB DIVE, REEF ECOLOGY SURVEY AND
COLLECTION. 0825 109m land on bottom in a flat, sandy area. 0844 109m
collect a sponge. 0849 move S. 0855 collect a wide coral near landing position.
0905 98m locate rock outcrop and commence sampling. 1036 move S after
rendezvous with PISCES 4 to pull out clogged rotenone dispenser valve. 1042
moving S, continually sampling as opportunities arise. Samples include
mostly plate coral, sponges and algae. 1346 80m standing by to rendezvous
with PISCES 4 to conduct dual transects. 1404 begin transect #1 to E,
following P4. 1420 complete transect #1. 1430 85m start transect #2 to W,
following P4. Success of transects is limited due to ^{low}visibility and associated
self-collision hazards. 1447 80m move easterly to resume sampling of
various species of interab. 1535 82m leave bottom, make normal recovery.
 Equipment Deficiencies: Laser scatter inoperable. Titan 7F useless for detailed
work due to violent hydraulic chatter.

Pilot's Signature: _____

Date: 12-9-07

Operations Director: _____

Date: 11-24-08