

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-763 Date: MARCH 9, 2011
 Observer 1: RAY BOLAND
 Affiliation: UMFS Dive Location: AU'AU CHANNEL, HAWAII
 Observer 2: DEREK SKILLINGS Latitude: N 20° 46.795'
 Affiliation: UH ZOOLOGY Longitude: W 156° 40.551'
 Purpose: Research Training Test Time of Dive: 0805
 Other: _____ Time of Surface: 1619
 Special Equipment: _____ Time Submerged: 8:14
 Cameras: MINI-ZEISS HD, ROS SD Time Thru Last Dive: 5146:04
 Manipulators: TITAN 4, HYCO Total Time to Dive: 5154:18
 Samplers/Sensors: CTD-DO, HARKER BUOY, Dive Depth: 109m
LARGE BIOBOX, SMALL BIOBOX Water Depth: 109m
 Support Vessel: R/V KAMIKARI-O-KANALOA Water Temperature: refer to CTD log
 Captain: ROSS BARNES/CLARY GUTZBIT Visibility: FAIR, about 15m +

Dive Results/Remarks: CRES COLLECTION & SURVEY DIVE WITH WET DIVERS.
0823 109m On bottom, sandy slope. 0833 move upslope toward dome site.
0845 90m at dome site, positioning sub to release float. 0854 float is
 deployed but current is too strong for divers. Doing 85m transect with the echino-
 clava collection instead. 1015 end transect #1 and return SE to dome site.
1043 back at dome site, current is weaker. Divers decide to cancel due to current.
 Preparing to collect gear at dome site. 1105 89m dome site is disturbed and
 divers decide to come down. Current has eased further. 1135 divers are in sight.
 Maintaining position while divers perform tasks at dome site. 1140 divers leave
 the bottom. 1205 moving back to each transect #1 position, sampling on the way.
1400 85m overshoot end transect #1 position by 300m. Returning to it going SE.
1429 85m arrive at target position. Examining a previously sampled acanthaster.
1434 start 20min transect #2 to NW, sampling opportunistically. 1502 end transect #2.
 Returning to 0952 position in hope of more sampling opportunities. Continue
 NE and sampling for remainder of dive. 1558 leave bottom from 85m. Normal recovery.

Pilot's Signature: [Signature] Date: 3-16-11
 Operations Director: [Signature] Date: 3-16-11

For equipment deficiencies, refer to maintenance logs.