

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-793 Date: Or NOV DECEMBER 1, 2012
 Observer 1: J.C. KING
 Affiliation: DoD Dive Location: SOUTH ORNU
 Observer 2: GREG KURRAS Latitude: [REDACTED]
 Affiliation: SFI ~~WHOI~~ (SEA FLOOR INVESTIGATORS) Longitude: [REDACTED]
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0927
 Special Equipment: _____ Time of Surface: 1633
 Cameras: MINI-ZEUS HD, ROS-SD Time Submerged: 7:06
 Manipulators: TITAN 4, HYCO Time Thru Last Dive: 5264:02
 Samplers/Sensors: 2 SEDIMENT SCOOP CRATES Total Time to Dive: 5371:08
2 BOX CORERS, 2 SHRIMP TRAPS, 2 MARKERS Dive Depth: 537m
 Support Vessel: R/V KAIBIAI-O-KANALOA Water Depth: 537m
 Captain: ROSS BARNES ~~CLARY~~ GUTBEIT Water Temperature: 6.0° @ 537m
 Visibility: _____

Dive Narrative: HUMOKA III PROJECT DIVE. GOALS to collect sample sites from two conventional munitions.
1002 537m land on the bottom in a flat and sandy area. 1007 move SW to look for a suitable sample site. 1011 537m locate a projectile, likely a 155mm artillery round, and set up for sampling. 1015 begin sample suite. Deploy marker #31. 1146 sample suite complete with 12 sediment scoops, 1 box core, and 1 shrimp trap. Conditions are very good for sampling in close quarters to munition. 1202 move SW to look for second sample station. 1216 537m locate a large cluster bomb (14 or 74 incendiary cluster bomb) that would make a good site. Continue to search for alternate site, but decide to return to the cluster bomb. On the way back encounter a large carbonate outcrop with many bryozooids that have multiple colonies (polyps?). 1309 536m re-locate cluster bomb. 1319 begin sample suite #2. Deploy marker #30. Conditions are again very good for sampling in close quarters. Collect 12 sediment scoops, 1 box core and 1 shrimp trap. 1458 sample suite #2 complete. Survey area to S for munitions for remainder of dive. 1545 leave the bottom from 537m. Normal recovery.

Pilot's Signature: _____

Date: 12-2-12

Operations Director: _____

Date: 1.15.12