

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-707 Date: DECEMBER 1, 2007
 Observer 1: FRANK PARRISH
 Affiliation: NOAA NMFS Dive Location: OFF KERRHOLE PT.
 Observer 2: SEAN WIGGINS Latitude: 19° 47.963' N
 Affiliation: SIO Longitude: 156° 07.326' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0805
 Special Equipment: _____ Time of Surface: 1621
 Cameras: SONY DV, HYCO Time Submerged: 8:16
 Manipulators: TITAN 7F, HYCO Time Thru Last Dive: 4769:57
 Samplers/Sensors: CTD-DO, FLOW METER, Total Time to Dive: 4778:13
SEDIMENT TRAPPS, "FLOWER POTS", MARKER #54 Dive Depth: 398 m
 Support Vessel: R/V KAHILAKUA-O-KAHALA Water Depth: 398 m
 Captain: ROSS BARUES Water Temperature: REFER TO CTD LOG
 Visibility: FBR, 10-15 m

Dive Results/Remarks: DEEP WATER CORAL SURVEY DIVE. 0855 385m
land on the bottom in a flat, sandy area with basaltic outcrops.
0842 move WSW toward WP1. 0903 398m perched on a large boulder
 with gold and bamboo coral. Deploying POT #12. Continue WSW toward
 WP1. 0935 386m attempt to immobilize galatheid crab with clove oil. Crab
 seems unaffected. Sediment scoop would be ^{difficult or} impossible to use in rocky substrate.
0952 continue looking for Gold #1. 1023 located Gold #1, making observations. 1046 move
 NW toward WP2. 1103 391m observe increase in number and size of gammarids. 1212 387m
 identify Gold #3, making observations. 1222 move SE toward WP2. 1243 abandon search
 for Gold #2. 1252 389m deploying flow meter, sediment traps, and ^{40,41} marker #54. 1333 388m
 collect bamboo coral. 1346 388m identified WP #2. 1359 387m mark small gammarid
 coral colonized by gold coral with POT #11. 1421 387m identify WP #4. 1428 387m
 Equipment Deficiencies: collect gold shrimp. 1437 move NE toward WP5. 1457 382m
 deploy POT #10 in coral garden. 1545 389m leave bottom. Normal recovery.

Pilot's Signature: _____

Date: 12-2-07

Operations Director: _____

Date: 12-4-07