

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-751 Date: OCTOBER 22, 2010  
 Observer 1: JEFF DRAEN  
 Affiliation: SOEST Dive Location: OFF DIAMOND HEAD  
 Observer 2: WILLIAM MISA Latitude: N 21° 14.224'  
 Affiliation: UH Longitude: W 157° 48.656'  
 Purpose: Research Training Test  
 Other: \_\_\_\_\_ Time of Dive: 0930  
 Special Equipment: \_\_\_\_\_ Time of Surface: 1647  
 Cameras: MINI-ZEUS HD, ROS SD Time Submerged: 7:17  
 Manipulators: TITAN 4, HYCO Time Thru Last Dive: 5054:12  
 Samplers/Sensors: CTD-DO, SUCTION SAMPLER, Total Time to Dive: 5061:29  
ANIMAL TRAP, BIO-BOX Dive Depth: 240m  
 Support Vessel: R/V KAIMUKI-O-UMALOA Water Depth: 240m  
 Captain: ROSS BARNES Water Temperature: before to CTD 109  
 Visibility: GOOD, 15-20m

Dive Results/Remarks: BENTHIC METABOLISM DIVE. 0952 192m land  
on the bottom, intermediate slope, sandy. 1002 move downslope to S.  
1018 transect #1: to E at 220m. 1036 end transect #1. 1040 contouring  
W at 220m to final location for baited trap. 1102 trap deployed. Collect  
Urchin samples nearby. 1216 start X-transect #2, contouring at 240m.  
1224 interrupt transect to collect samples. 1251 end transect #2. 1254 start transect #3  
at 240m to E. Encounter very strong current out of E, abort transect  
at 1302. 1312 move upslope to 210m. 1320 start X-transect #4 to W at 210m.  
1336 end transect #4. 1341 moving W, looking for specimen to sample.  
1354 collect small Urchin. Continue to move W. 1422 collect small star fish,  
pleuroter obesus. 1443 move downslope to about 250m. 1457 collect sample at  
249m. 1516 221m returned to baited trap. 1535 collect holothurians near  
trap. 1601 recovered trap. 1615 leaving the bottom. Normal recovery.

Pilot's Signature: \_\_\_\_\_

Date: 10-25-10

Operations Director: \_\_\_\_\_

Date: 6-27-12

For equipment deficiencies, refer to maintenance logs.