

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-583 Date: October 3, 2004
 Observer: TOM SHIRLEY
 Observer Title/Affil.: ~~UNIV~~ U of ALASKA, FAIRBANKS at JUNEAU
 Observer: Aaron Baldwin
 Observer Title/Affil.: U of ALASKA FAIRBANKS at JUNEAU
 Purpose: Research Training Test
 Other: _____
 Special Equipment (Cameras, Manipulators, Samplers, etc.)
SONY DV, ROS COLOR & BW, ROSETTE SUCTION SAMPLER, TITAN, HYCO, CTD
 Support Vessel: R/V KRIMHIL - O-KANALOA
 Captain: ROSE BARNES
 Dive Location: OFF MAKAPU'U PT., OAHU
 Latitude: N 21:19.100
 Longitude: W 157:32.900
 Time of Dive: 0812
 Time of Surface: 1639
 Time Submerged: 08:27
 Time Thru Last Dive: 3814:23
 Total Time to Dive: 3822:50
 Dive Depth: 453 m
 Water Depth: 453 m
 Water Temperature: 8.1°C @ 453 m
 Visibility: CLEAR 20+ m

Dive Results/Remarks: Coral ecology and collection dive. 0842 (land on sea floor in 453m. Bottom is sandy, gentle slope. 0851 moving to S. 0909 435m collect corallium vegalia in jar #1. 0917 collect small sea star and soft coral in jar #2. 0918 continue S. 0923 432m collect gold coral in jar #3. 0930 continue to S. 0938 430m collect pink coral in STSD bio box. 0947 427m collect gold coral in jar #4 and 3-4 crabs with suction sampler. Could not observe stabs going into collection bucket. 1018 collect soft coral in jar #5. 1027 cont. S. 1037 419m collect bamboo coral in jar #6. 1041 continue to S. 1051 412m collect spiral coral in jar #7. 1108 continue to S. 1122 start 10 min transect to S. 1132 385m complete transect. 1138 continue upslope to S. 1140 385m collect red coral in STSD bio box. 1147 continue to S. 1151 382m collect gastropod in STSD bio box. 1216 move downslope to E. 1225 observed white metal cylinders at 409m. 1228 continue downslope to E. 1243 416m collect gerardia in jar #8. 1255 412m collect samples of gerardia, galatheid crabs and ophiroids. 1329 406m collect samples from gerardia with suction sampler. 1358 404m start transect #2 to SE. 1416 continue to SE with current. Equipment Deficiencies: 1438 419m collect ophiroids in suction bucket #6 and jar #12. 1444 continue to SE. 1530 431m collect soft coral in jar #13. 1534 continue to SE. 1600 441m leave bottom. Make a normal recovery.

Pilot's Signature: _____

Date: October 4, 2004

Operations Director: _____

Date: October 6, 2004