

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-666 Date: AUGUST 31, 2006
 Observer 1: CRAIG SMITH
 Affiliation: UNIVERSITY OF HAWAII Dive Location: NORTH MOLOKAI
 Observer 2: LES WATLING Latitude: 21° 15.465' N
 Affiliation: UNIVERSITY OF HAWAII Longitude: 156° 46.942' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0806
 Special Equipment: _____ Time of Surface: 1717
 Cameras: SONY DV, ROS COLOR Time Submerged: 9:11
 Manipulators: TITAN 7F, HYCO Time Thru Last Dive: 4462:47
 Samplers/Sensors: CTD-DO, PUSH COBERS, Total Time to Dive: 4471:58
50 BOX, SCOOP NET, BAIT TRAP, BAIT PARCEL Dive Depth: 1100 m
 Support Vessel: R/V KAIMIKAI-O-KANALOA Water Depth: 1054 m
 Captain: ROSS BARNES Water Temperature: 3.8°C @ 1100 m
 Visibility: FAIR, ~10m, when not silted up

Dive Results/Remarks: CANYON ECOLOGY DIVE. 0907 land on bottom at 1100m
in a flat, muddy area, about 40m E of canyon wall. Adjust trim of sub and begin
traverse #1 to SW at 0926. 0948 1054m end traverse #1. 1006 1052m deploy bait trap + markers
1014 1052m begin taking push cores. 1041 1049m complete coring. 1044 begin traverse #2
to SSW. 1100 1015m end traverse #2. 1126 moving upslope in steep, rocky terrain. 1132 1008m
at base of canyon wall. 1147 1009m deploy bait parcel and begin bait station at 1156.
1245 end bait station. 1254 moving up vertical wall, collect octocorallium. 1312 918m stop
ascending wall. 1321 descending back into canyon to NW. 1334 989m observe large branching coral.
1344 1013m back on canyon floor, starting traverse #3. 1403 980m end traverse #3. 1405 start
traverse #4, continuing up-canyon. 1425 957m end traverse #4. 1434 moving NE to relocate
bait. 1512 repeating western section of traverse #5. 1528 1009m at bait parcel, securing it in
basket. 1532 moving NW to relocate bait trap. 1604 1052m collect bait trap and markers S.
1607 leaving the bottom. Make a normal recovery.

Equipment Deficiencies: Water alarm in PORT battery pod on fwd down angle;
Altimeter erratic; Depth sensor erratic near surface.

Pilot's Signature: _____

Date: SEPTEMBER 1, 2006

Operations Director: _____

Date: Sept. 2, 2006