Rev. 11-22-09

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-761 Date: MARCH 7, 2011

Observer 1: RAY BOLAND

Affiliation: NMFS

Observer 2: DEREK SKILLINGS

Affiliation: UH ZOOLOGY

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: MINI-ZEUS HD, ROS SD

Manipulators: TITAN 4, HYCO

Samplers/Sensors: CTD-DO, MARKER BUOY, FISH COLLECTION SYSTEM, 810 ROK

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: ROSS BARNES/CLARY GUTZEIT

Dive Location: PU'UCHANNEL, MAUI

Latitude: N 20° 46.702

Longitude: W 156° 40.500

Time of Dive: 0803

Time of Surface: 1624

Time Submerged: 8:21

Time Thru Last Dive: 5129:20

Total Time to Dive: 5137:41

Dive Depth: 137m

Water Depth: 137m

Water Temperature: refer to CTD log

Visibility: GOOD-POOR, SILTING ISSUES

Dive Results/Remarks: CRES ECHINODERM & FISH COLLECTION DIVE WITH DIVER INTERACTION. 0825 104m on bottom at foot of a cliff. 0835 move upslope toward fish collection site. There is a slight current from ENE with good visibility. 0905 95m After locating collection site move 3 sub lengths up current to release diver float. 0923 Moved back to station site and released bottom. 1003 Five divers on bottom in sight. Test 10 KHz pinger. 1015 divers complete fish collection and are leaving the bottom. 1028 moving to deeper water to collect specimen. Collect two holothurians at 106m and 114m. 1121 start transect #1 at 110m around the basin. 1129 stop transect to conduct bottom station. Complete bottom station at 1344, 113m. 1351 109m start transect #2 to SW. 1433 109m end transect #2. Move upslope to 100m contour. 1443 96m start transect #3. 1455 102m noting prime location for fish collection but have no bottom left. 1515 100m end transect #3. 1520 move back to examine large overhang. 1527 move to deeper water into center of basin. 1554 137m ~~[illegible]~~ final position in featureless mud plain. 1602 leaving the bottom. Normal recovery.

Pilot's Signature: Date: 3-8-11

Operations Director: Terry Kerby Date: 10-26-11

For equipment deficiencies, refer to maintenance logs.