

PISCES V DIVE REPORT

OCTOBER ~~17~~, 2004

Pilot: MAX CREMER Dive #: PS-595 Date: ~~10-17-04~~ 10-20-04

Observer 1: AMY BACO-TAYLOR Dive Location: OFF KEAHOOLE PGE, HAWAII

Affiliation: WHOI Latitude: N 19:47.807

Observer 2: TOM SHIRLEY Longitude: W 156:07.786

Affiliation: UNIVERSITY OF ALASKA Time of Dive: 0813

Purpose: Research Training Test Time of Surface: 1650

Other: _____ Time Submerged: 8:37

Special Equipment: _____ Time Thru Last Dive: 3916:42

Cameras: SONY DV, ROS COLOR B R/W Total Time to Dive: 3925:19

Manipulators: HYCO Dive Depth: 867m

Samplers/Sensors: BIO BOX, CTD-DO Water Depth: 867m

Support Vessel: R/V KAHIMUKI-O-KAUNALOHA Water Temperature: 4.5°C @ 867m

Captain: ROSS BARNES Visibility: CLEAR ~20m

Dive Results/Remarks: Coral survey and collection dive. 0921 863m land on bottom. Steep, sandy slope at base of basalt wall. 0939 864m begin collecting coral samples and moving upslope to N. 1042 690m continuing to collect deep water specimen of corallium, crysogorgids, wocellids, and others. The terrain up to this point has been dominated by steep walls of truncated pillow basalts. Carbonate outcrops are rare. 1143 671m continued survey and collection of coral specimen while ascending essentially vertical basalt wall. Also, filming of *roidogorgia superba* for BBC. Position is N 19:47.927 W 156:07.774. 1210 continue upslope to N, and at 644m observe large area of live and sedimented pelecynivalves growing underneath basaltic overhangs. Collect one live specimen. Then continue up the vertical wall facing N, collecting samples on the way. 1408 402m, reach upper ledge of wall, then move to E. 1441 continuing to N at 400m. Continue westerly contour at 400m and collect different species of coral until 1603 and 394m. 1610 leave the bottom. Make a normal recovery.

Equipment Deficiencies: Schilling Titan 7 F manipulator OOC.

Pilot's Signature: _____

Date: October 20, 2004

Operations Director: _____

Date: October 21, 2004