

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-700 Date: NOVEMBER 13, 2007
 Observer 1: CHRIS KELLEY
 Affiliation: HURL BIOLOGY Dive Location: SAT N OF FRENCH FRIGATE SHOALS
 Observer 2: JANE CULP Latitude: 24° 22.952' N
 Affiliation: HURL VIDEO LAB Longitude: 166° 03.609' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0804
 Special Equipment: _____ Time of Surface: 1408
 Cameras: SONY DV, ROS Time Submerged: 6:04
 Manipulators: TITAN 7F, HYCO Time Thru Last Dive: 4713:58
 Samplers/Sensors: CTD-DO, BIO BOX Total Time to Dive: 4720:02
STRONG BOX, OPEN CRATE Dive Depth: 1423 m
 Support Vessel: R/V KAHIKIHI-O-KAUNALOA Water Depth: 1423 m
 Captain: ROSS BARNES Water Temperature: REFER TO CTD LOG
 Visibility: GOOD 15+ m

Dive Results/Remarks: DEEP RIDGES & SEAMOUNTS PROJECT DIVE.
0927 1423m land on the bottom on a steep, rocky slope with an abundance of sponges and coral. A very strong current is coming out of the SSW. 0936 collect a sample of corallium "onyx".
0945 move to SSE in a very strong current toward Way Point #2 on the ridge. Hydraulic system behaves erratic. 1026 1343m stop on a ledge about 260m NW of WP #2, to get a position.
1039 After many attempts to reboot ability hydraulics, the dive is aborted. Unable to drop ascent weights, hard gallast is pumped out and some soft gallast blown. PS begins a slow but steady ascent at 1050. Make a diver assisted recovery.

Equipment Deficiencies: UTILITY HYDRAULICS SHORTED OUT.

Pilot's Signature: _____

Date: 11-14-07

Operations Director: _____

Date: 11-15-07