

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Max Cremer Wt. _____
 Observer Title/Affil. HURL PIT.

Dive # PN-531
 Date October 16, 2003

Observer Amy Baco-Taylor Wt. _____
 Observer Title/Affil. WHOI

Time of Dive 0908
 Time of Surface 1722
 Time Submerged 8:17
 Time Thru Last Dive 3439:03
 Total Time to Dive 3447:20
 Dive Depth 1806 m
 Water Depth 1806 m
 Water Temp. 1.4°C @ 1782m
 Visibility _____
 ABT # at Neutral _____
 Captain Ross Barnes

Dive Location Laysan Seamount
 Lat. 25°42.187'N Long. 171°27.248'W
 Purpose: Research Training Demo

Other: _____
 Special Equipment:
 Camera (type) Sony digital - ROS B&W/Color
 Manipulator Titan - HYCO
 Other _____
 Support Vessel R/V Kaimikai-O-Keneloa

Dive Results/Remarks: Seamount exploration dive. 0948 Land on a rocky bottom in 1782m. Boulders, basalt outcrops and rubble covered sediment. 1001 Move downslope to the SW. 1006 1802m. Collect corals & rock samples. Continue transect. 1045 Near end of transect when the distinct smell of burning electrical components fills the sphere. Secure power to motor controllers. Determine that the new capacitors in port controller have failed. Abort dive. 1057 Release ascent wts and leave the bottom from 1806m. Pump out hard ballast water and ascend on ballast. Blow soft ballast into soft ballast tanks @ 200'. Ascend on soft ballast. Make a normal recovery.

Equipment Deficiencies: Port motor controller for main propulsion thruster fails.

Pilot Terry Kerby
 Ops. Mgr. WJH

Date 10/22/03
 Date 10/22/03