

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer John Smith Wt. _____
 Observer Title/Affil. HURL

Dive # PV-526
 Date October 9, 2003

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

Time of Dive 0804
 Time of Surface 1714
 Time Submerged 9:10
 Time Thru Last Dive 3395:42
 Total Time to Dive 3404:52
 Dive Depth 1825^m
 Water Depth 1825^m
 Water Temp. 1.1°C
 Visibility _____
 ABT # at Neutral _____
 Captain Ross Barnes

Dive Location Pioneer Seamount
 Lat. 25° 34.458 Long. 173° 30.383
 Purpose: (Research) Training Demo

Other: _____
 Special Equipment:
 Camera (type) Sony digital - Pos Color-B&W.
 Manipulator Titan - Hyco
 Other _____
 Support Vessel R/V Keimikoi-O-Kenaloa

Dive Results/Remarks: Seamount exploration dive. 0844 On the bottom in 1742m. Land on a low angle basalt bottom with an abundance of corals and sponges. This area is the west side of a sharp ridge of basalt that runs to the NW. Begin collecting specimens. Collecting coral specimens. Collect some rocks. Move down slope to the west. 1204 1802^m. Begin transect to the SSE. Steep basalt pillow flow formations covered with a manganese crust. There is an abundance of corals and sponges. 1316 1805^m Collect corals and rocks. End transect 1346 Move upslope to the Southwest. 1769^m.

1400 Move North along the ridge. Very strong downslope current
 Equipment Deficiencies: making slow progress moving north. Getting into areas of massive flow features and large sponges and corals. Large light magenta covered corallium. Very strong current in some areas where current flow is restricted. Very slow going upslope against a strong current. The bottom is a dense forest of corals and sponges growing on old manganese covered pillow lava flows. 1534 1682^m Leave the bottom. Make a normal recovery in calm seas.

Pilot Terry Kerby

Date 10/10/03

Ops. Mgr. JK

Date 10/10/03