

PISCES V DIVE REPORT

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

Dive # PV-529
 Date October 12, 2003

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

Time of Dive 0805
 Time of Surface 1705
 Time Submerged 9:00
 Time Thru Last Dive 3421:26
 Total Time to Dive 3420:26
 Dive Depth 1813m
 Water Depth 1813m
 Water Temp. 1.3°C
 Visibility _____
 ABT # at Neutral _____
 Captain Ross Barnes

Dive Location Pioneer Seamount
 Lat. 25° 33.691 Long. 173° 30.384
 Purpose: Research Training Demo

Other: _____

Special Equipment:
 Camera (type) Sony - ROS Color/B&W
 Manipulator Titan - HYCO
 Other _____

Support Vessel R/V Kaimikai-O-Kanaloa

Dive Results/Remarks: Seamount exploration dive. Second dive to south rift feature. 1011 1751m. On the bottom in steep rocky terrain. Manganese coated basalt pillow flows with a dense covering of coral growth. Collect corals and a rock. Current is moving upslope to the East. Try to move downslope to search for sponges. 1132 1798m. Collecting sponges. Move downslope to the South West. 1205 1813m. Easterly upslope current hindering progress. 1224 Move upslope to the East. 1301 Very strong current carries Pisces V upslope to the East, over the top of the ridge then down the East wall. Powering to the North West against a strong current to regain the ridge and move up the ridge to the North. 1307 1813m. Making slow progress along a vertical wall against a strong current. Moving west North West. 1352 1683m. Find shelter from the current behind a large rock. To get a position from the surface. 1428 1659m. Collect a

Equipment Deficiencies: sponge. The ridge is not as sharp in this area and the current has eased off enough that the Pisces can make slow progress against the current. 1518 1675m Leave the bottom. 1556 Electrical pop from motor controllers. Secure thrusters and ascend on ballast. Pump water out of trim sphere and blow soft ballast to attain normal ascent rate. 1703 On deck.

Pilot Terry Kerby
 Ops. Mgr. [Signature]

Date 10/14/03
 Date 10/14/03