

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____

Observer Dave Emerson Wt. _____

Observer Title/Affil. Woods Hole Oceanographic Institute.

Observer _____ Wt. _____

Observer Title/Affil. Katrina Edwards

Dive Location Loihi - South Rift

Lat. 18° 52.403' N Long. 155° 15.077' W

Purpose: Research Training Demo

Other: _____

Special Equipment: _____

Camera (type) Sony Digital - ROS Color

Manipulator Titen Hyco

Other _____

Support Vessel R/V Kaimikai-O-Kanaloa

Dive # DV-547

Date December 5, 2003

Time of Dive 0816

Time of Surface 1712

Time Submerged 8:46

Time Thru Last Dive 3570:48

Total Time to Dive 3579:34

Dive Depth 1714m

Water Depth 1714m

Water Temp. 2.9° @ 1400

Visibility _____

ABT # at Neutral _____

Captain Ross Barnes

Dive Results/Remarks: 0957 1648m on the bottom in steep pillow formations. 1034 1660m move to the SSW. 1054 1714m Contour to the SW at 1714m in search of marker #17. Collecting rocks on the way. 1218 Locate marker #17 at 1714m. 1300 Collecting old samplers and deploying new samplers at marker #17. 1330 Collecting suction samples of bacterial mat. 1422 Collect sediment scoop. 1532 Moved to the south to another area that had signs of old hydrothermal vent activity. collect rocks. Leave the bottom from 1721m. Make a normal recovery.

Equipment Deficiencies: _____

Pilot Terry Kerby

Ops. Mgr. [Signature]

Date Jan. 15, 2004

Date 1/15/04