

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
 Observer Mike Garcia Wt. _____
 Observer Title/Affil. U of H

Dive # PV-331
 Date Sept. 1, 1997

Observer Chuck Holloway Co-Pilot
 Observer Title/Affil. HURL Sub ops.

Time of Dive 0806
 Time of Surface 1730
 Time Submerged 9:24
 Time Thru Last Dive 2009:14
 Total Time to Dive 2018:38
 Dive Depth 1122m
 Water Depth 1122m
 Water Temp. 3.9°C @ 1095m
 Visibility _____
 ABT # at Neutral _____
 Captain B. Hayes

Dive Location Loihi, West Slope, Pisces Peak.
 Lat. 18°55.040'N Long. 155°15.870'W
 Purpose: Research Training Demo

Other: _____
 Special Equipment:
 Camera (type) Sony (VDO) Panasonic (VDO) Photosca (still)
 Manipulator Hyco-Titan
 Other Sediment Scoops - Rock box
 Support Vessel Kaimikai - O - Kanaloa

Dive Results/Remarks: Dive to deploy new pressure sensor and survey area to the E. of the West edge of the West Pit Crater. Land on a steep talus slope in 1028m. Move upslope to the East to the summit of Pisces Peak at a depth of 956m. Deploy pressure sensor and collect a rock. Position of Pisces Peak is L 18°55.039'N > 155°15.862'W. Move E over the scarp from Pisces Peak. Descend to a level plain of pillow lava flows at 1020m. Move upslope to the NW. Come to top of scarp at 1060m. Move N. along scarp. Move down slope on West Side of ridge. Locate intact lava flows of old pillow formations and sheet flows on the flanks of a cone. Ascend the cone to a depth of 1095m. Move South along the scarp. Collect rocks and sediment samples. Move south to Pisces Peak. Recover old pressure sensor. Leave the bottom from Pisces Peak.

Pilot T. Kerby
 Ops. Mgr. [Signature]

Date 9/6/97
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