

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
 Observer Co-Pilot C. Holloway Wt. _____
 Observer Title/Affil. _____

Dive # PV-336
 Date Sept. 9, 1997

Observer G. McMurtry Wt. _____
 Observer Title/Affil. USF H

Time of Dive 0813
 Time of Surface 1730
 Time Submerged 9:17
 Time Thru Last Dive 2047:37
 Total Time to Dive 2056:54
 Dive Depth 1317m
 Water Depth 1317m
 Water Temp. _____
 Visibility _____
 ABT # at Neutral _____
 Captain B. Hayes

Dive Location Loihi Peles Pit
 Lat. 18°54.45 N Long. 155°15.69 W
 Purpose: Research Training Demo

Other: _____
 Special Equipment:
 Camera (type) Sony Photosa, Penasonic
 Manipulator Titan - Hyco
 Other Lupton Samplers,
 Support Vessel R/V Keimikai-O-Kanaka

Dive Results/Remarks: Dive to deploy radon detector in pit vents. Land on a steep talus slope on the West side of the Pit. Move upslope to marker #18 at edge of scarp. Descend into the Peles Pit from the West scarp on an Easterly heading. Descending gradually towards the East side of the Pit. Land on a rocky slope at 1297m. Move N. to vents. Locate vent site at 1302m. Move downslope to marker #19, then up to the "Hot Vent" at 1305m. Take Temp. 184°C. Deploy Radon sampler. Take Lupton sampler, take major sampler deploy glass mat sampler #4, Collect rock. Move up to 1302m vent site. Deploy marker #33. Take Temp of vent with a chimney deposit. Highest temp. 19°C
 Equipment Deficiencies: Deploy Shrimp trap and bio mat sampler. Move upslope to vent site at 1297m (Jet Vents) Take temp. 200°C. Take Lupton sampler and major sampler. Take a sediment scoop of the Jet Vent face. Move down slope to marker #20 @ 1310m. Leave the bottom from 1317m.

Pilot Terry Kerby
 Ops. Mgr. SK

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