

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number PS-194
 Observer C. Meyer Wt. _____ Date Oct. 14, 1991
 Observer Title/Affil. UofH

 Observer D. Hebel Wt. _____
 Observer Title/Affil. UofH Time of Dive 0800
 _____ Time of Surface 1545
 Dive Location Loihi Time Submerged 7:45
 Lat. 18°54.614'N Long. 155°16.047'W Time Thru Last Dive 1048:19
 Purpose: Research Training Demo Total Time to Dive 1056:04
 Other _____ Dive Depth 1460m 4788'
 Special Equip.: Water Depth 1460m
 Camera (type) Panasonic; Sony-Photosea Water Temp. 1.9°C @ bottom
 Manipulator Schilling-H4CO Visibility _____
 Other slide Sticks, Bagggy Samplers, Rock Boxes ABT # at Neutral
 Support Vessel R/V Kila Captain R. Bernes

Dive Results/Remarks: Land on a steep talus slope at 1460m. Move upslope. 1004 Arrive in vent field at 1270m. Thick settling layer and active vents. Move upslope. Get out of vent field at about 1230m. Moving to the ESE. 1120 Arrive at another vent field in 1045m. Many stacks. Some still venting warm water. Take baggy sample from one stack. Move upslope to Pele's vents. Take baggy samples at Pele's vents. Recover two slide sticks. Place two slide sticks. Collect rocks. Observe bottom observatory. Leave the bottom from 975m next to observatory. Seas calm. Make a normal recovery

Equipment Deficiencies: None

Pilot Terry Kerby Date 10/15/91
 Ops. Mgr VRK Date 10/10/91