

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-210
 Observer C. Moyer Wt. _____ Date Aug 22, 92
 Observer Title/Affil. U of H
Jean Louis Cheminee observer 2
 Observer _____ Wt. _____
 Observer Title/Affil. _____ Time of Dive 0845
 _____ Time of Surface 1450
 Dive Location Loihi: Peles Vents Time Submerged 6:05
 Lat. 19°54.5' N Long. 155°15.6' W Time Thru Last Dive 1150:53
 Purpose: Research Training Demo Total Time to Dive 1156:58
 Other _____ Dive Depth 1040m 3411'
 Special Equip.: Water Depth 1040m
 Camera (type) Sony - Panasonic Photosu Water Temp. _____
 Manipulator Hyco - Schilling Visibility _____
 Other 3 butterfly samplers, 12 Bomba water ABT # at Neutral _____
sampler, 1 Titanium sampler, slide sticks Captain R. Barnes
 Support Vessel R/V Kila

Dive Results/Remarks: Stop in midwater 12 meters over the bottom at 1040m
on the N.E. slope of Pele's Vents. Move up slope. Notice much hydrotherm
activity from chimneys on N.E. slope. Much activity from boulder area
near Pele's Vents on summit. Locate good vent. Trigger titanium sampler
in Hyco Arm after placing two slide sticks on the bottom in a vent. Trigger
the bomb. Move up slope. Place two more slide sticks. Move back down to lower
area. Lay Titanium sampler on the bottom, place baggie nozzle in vent. Take two
butterfly samplers from a vent. Collect 13 rocks. Pick up two slide sticks and
place them in the quiver. Locate the titanium sampler. Place shrimp trap on bottom
collect previous shrimp trap. Close box lid to rock box. Collect water samples on
way up. Make a normal recovery

Equipment Deficiencies: Panasonic camera blows fuses. No Panasonic.

Pilot T. Kerby Date 8/23/92
 Ops. Mgr TRK Date 8/27/92