

PISCES 7 DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-244
 Observer F. Dobbs Wt. _____ Date Sept. 13, 1993
 Observer Title/Affil. Uaf H

Observer C. Moyer Wt. _____
 Observer Title/Affil. Uaf H.

Dive Location Loihi - Pele's Vents - Pit of Death Time of Dive 0740
 Lat. 18°54.47'N Long. 155°15.58'W Time of Surface 1538

Purpose: Research Training Demo Time Submerged 7:58
 Other _____ Time Thru Last Dive 1369:35

Special Equip.: _____ Total Time to Dive 1370:33
 Camera (type) Hi-8 Sony, Panasonic, Photoses Dive Depth 1300m
 Manipulator Schilling, HYCO Water Depth 1300m

Other Ti-Samplers (3) Le bombe, Rosette, (3) Niskins. Water Temp. _____
 Support Vessel R/V Kila Visibility _____
 ABT # at Neutral Capt. R. Bernes

Dive Results/Remarks: Seas fair. Launch on the W. side of the Pele's vents peak. Dump descent weights in midwater at 900m. Power to S.E. 0850. At Pele's vents in 975m. Go to the "hot hole" in the shrimp zone. Take Le bombe sample. Place probe in vent (Hot hole). Take two Ti-samplers from vent. Collect three shrimp in Rosette sampler. Move down slope to area where slide sticks are. Recover slide sticks. Move N. to Pit of Death. Descend into pit. Poor visibility. Current movement down south channel into pit. Collect Flockaberr. in Rosette jars 2, 3, 4, 5, 6, 7, & 8. Jar #1 has shrimp collected at Pele's vents. Sides of the pit to N, NE, & SE are made up of large loose boulders on steep slopes. Area to the south is a gradual wash like river bed of soft silt with rocky boulders along the side. Leave the bottom from 1300m. Take Niskin sample from 1250m and from 1200m. Lose slide stick quiver on surface when hose clamps come loose. Make a normal recovery.

Equipment Deficiencies: No strobe.

Pilot T. Kerby Date 9/14/93
 Ops. Mgr T. Kerby Date 9/14/93