

PISCES V DIVE REPORT

Pilot D Foster Wt. _____ Dive Number PS-111
 Observer D Karl Wt. _____ Date 29 Sep 88
 Observer Title/Affil. _____
U.H. Oceanography
 Observer W. Chiorse Wt. _____
 Observer Title/Affil. _____
 Time of Dive 0954
 Time of Surface 1408
 Dive Location Loihi - Pele's Vents Time Submerged 4:14
 Lat. _____ Long. _____ Time Thru Last Dive 577:09
 Purpose: Research Training Demo Total Time to Dive 581:21
 Other _____ Dive Depth 1070 m
 Special Equip.: Water Depth 1070 m
 Camera (type) TVP Water Temp. _____
 Manipulator ✓ Visibility _____
 Other Butterfly Sampler ABT # at Neutral

Dive Results/Remarks: Landed at 1070 m west side of Pele's Vents. Moved upslope across ridges. Collected bacterial mat at 1020m using butterfly sampler. Moved upslope to Pele's vents. Collected water and sulfur from one vent. Collected rock covered with sulfur. Recovered Alu. plaque.

Equipment Deficiencies: Camera "NO RETURN" indicated.

Pilot D Foster Date 29 Sep 88
 Ops. Mgr D Karl Date 29 Sep 88