

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number 178
Observer A. Malchoff Wt. _____ Date Aug 31, 1991
Observer Title/Affil. U of H

Observer B. Demiral Wt. _____
Observer Title/Affil. U of H Time of Dive 0800
Time of Surface 1515
Dive Location Loihi - Pele's vents Time Submerged 7:15
Lat. 18°54.5'N Long. 155°15.6'W Time Thru Last Dive 928:14
Purpose: Research Training Demo Total Time to Dive 935:29
Other _____ Dive Depth 1100m-3608'
Special Equip.: Water Depth 3608'
Camera (type) Sony, Panasonic, Photoses Water Temp. _____
Manipulator Schilling - HYCO Visibility _____
Other _____ ABT # at Neutral _____
Support Vessel Kila Captain R. Barnes

Dive Results/Remarks: Dive to place OBO (Ocean Bottom Observatory)
at Pele's vents. Sonar does not work. Much time spent
powering in midwater to locate peak.
Deploy OBO at 975m. Deploy seismometer and
thermistors. Set OBO near vents in rocky area above low
vent field. Search around vent field

Equipment Deficiencies: sonar not working

Pilot T. Kerby Date 8/31/91
Ops. Mgr [Signature] Date 8/31/91