

PISCES V DIVE REPORT

Pilot <u>D. Foster</u>	Wt. _____	Dive Number <u>P5-199</u>
Observer <u>A. Melzhoff</u>	Wt. _____	Date <u>24 Oct 91</u>
Observer Title/Affil. _____		
<u>U. V. R. L.</u>		
Observer <u>B. Daniel</u>	Wt. _____	
Observer Title/Affil. _____		Time of Dive <u>0902</u>
<u>U. V. R. L.</u>		Time of Surface <u>1558</u>
Dive Location <u>Loihi - Pele's Vents</u>		Time Submerged <u>6:56</u>
Lat. <u>18°54.6'N</u> Long. <u>155°15.6'W</u>		Time Thru Last Dive <u>1081:58</u>
Purpose: <u>Research</u> Training Demo		Total Time to Dive <u>1088:54</u>
Other <u>Deploy O.B.O.</u>		Dive Depth <u>1100</u>
Special Equip.: _____		Water Depth <u>1100</u>
Camera (type) <u>VDO</u>		Water Temp. _____
Manipulator <u>Schilling; HYCO</u>		Visibility _____
Other _____		ABT # at Neutral _____
Support Vessel <u>KILA</u>		Captain <u>R. BARNES</u>

Dive Results/Remarks: Navigate to Pele's Vents via sonar in mid water. Deployed O.B.O. Descended over Northeast side of Pele's cone to 1050m. Made a circuit clockwise completely around cone, mapping extent of vent activity, looking for worms. Checked N.E. slope of cone from 1100m to 980m for activity and worms. Collected one rock.

Equipment Deficiencies: _____

Pilot D. Foster Date 26 Oct 91

Ops. Mgr D. D. Kelly Date _____