

PISCES V DIVE REPORT

Pilot <u>D Foster</u> Wt. _____	Dive Number <u>PS-154</u>
Observer <u>P. Sedwick</u> Wt. _____	Date <u>25 Sep 90</u>
Observer Title/Affil. _____ <u>U of It</u>	
Observer <u>F. Dobbs</u> Wt. _____	
Observer Title/Affil. _____ <u>U of It</u>	Time of Dive <u>0822</u>
Dive Location <u>Loihi - Pele's Vents</u>	Time of Surface <u>1555</u>
Lat. _____ Long. _____	Time Submerged <u>7:33</u>
Purpose: <u>Research</u> Training Demo	Time Thru Last Dive <u>798:55</u>
Other _____	Total Time to Dive <u>806:28</u>
Special Equip.: _____	Dive Depth <u>1075 m</u>
Camera (type) <u>TVP</u>	Water Depth <u>1075 m</u>
Manipulator _____	Water Temp. <u>3°C</u>
Other _____	Visibility <u>70 ft</u>
Support Vessel <u>KILA</u>	ABT # at Neutral _____
	Captain <u>R. Barnes</u>

Dive Results/Remarks: Landed at 1075 m on west slope of Loihi / Pele's Vents. Moved upslope to north, and along ridge which extends northwest of P.V. Arrived at P.V. at 1024. Observed D.B.D. until 1035 - no lights. Collected 3 samples w/ Wachen samplers
2 samples w/ Baggies of mat.
2 samples w/ Niskin bottles
Retrieved one GSWs sampler which was lost at surface.

Equipment Deficiencies: Sonar inop. - Connector flooded
Display inop. - Telemetry failed
Sea water in hydraulics.

Pilot D Foster Date 26 Sep 90
 Ops. Mgr R. Barnes Date 28 Sep 90