

PISCES V DIVE REPORT

Pilot <u>T. Kerby</u>	Wt. _____	Dive Number <u>P5-212</u>
Observer <u>P. Sedwick</u>	Wt. _____	Date <u>Aug. 26, 92</u>
Observer Title/Affil. <u>UofH</u>		
Observer <u>C. Moyer</u>	Wt. _____	Time of Dive <u>0940</u>
Observer Title/Affil. <u>UofH</u>		Time of Surface <u>1520</u>
Dive Location <u>Loihi, Max's Vents</u>		Time Submerged <u>5:40</u>
Lat. <u>18° 54.84'N</u> Long. <u>155° 16.17'W</u>		Time Thru Last Dive <u>1163:15</u>
Purpose: <u>Research</u> Training Demo		Total Time to Dive <u>1168:55</u>
Other _____		Dive Depth <u>1260^m 4133'</u>
Special Equip.:		Water Depth <u>1260^m</u>
Camera (type) <u>Sony-Panasonic</u>		Water Temp. _____
Manipulator <u>HYCO-Schilling</u>		Visibility _____
Other <u>various samplers.</u>		ABT # at Neutral _____
Support Vessel <u>R/V Kila</u>		Captain <u>R. Barnes</u>

Dive Results/Remarks: Seas marginal. Strong westerly current. Descend over a steep rocky bottom to 1240m. Surface position indicates we are North of vent area. Move to area known as Max's vents. No venting. Try to move upslope to Pele's vents. Strong westerly current moving downslope keeps us from making progress along the bottom. I move up making slow progress to 1000m then move East South East in the direction of Pele's vents. Reach the N. Eastern Ridge to Pele's vents at 1000m very strong current prevents us from making progress upslope. Thruster tilt breaks. Leave the bottom from 980m. Divers secure thruster in 45° angle. Make a normal recovery.

Equipment Deficiencies: Thruster tilt breaks.

Pilot <u>T. Kerby</u>	Date <u>8/27/92</u>
Ops. Mgr <u>T. Kerby</u>	Date <u>8/27/92</u>