

PISCES V DIVE REPORT

Pilot <u>T. Kerby</u>	Wt. _____	Dive Number <u>232</u>
Observer <u>A. Malahoff</u>	Wt. _____	Date <u>Aug. 8, 1993</u>
Observer Title/Affil. <u>U of H</u>		
	<u>HURL</u>	
Observer <u>B. Daniel</u>	Wt. _____	Time of Dive <u>0847</u>
Observer Title/Affil. <u>HURL</u>		Time of Surface <u>1420</u>
Dive Location <u>Loihi</u>		Time Submerged <u>5:33</u>
Lat. <u>18°54.5'N</u> Long. <u>155°15.6'W</u>		Time Thru Last Dive <u>1289:20</u>
Purpose: <u>Research</u> Training Demo		Total Time to Dive <u>1294:53</u>
Other _____		Dive Depth <u>1050m</u>
Special Equip.:		Water Depth <u>1050m</u>
Camera (type) <u>Panasonic - Sony - photo sea</u>		Water Temp. _____
Manipulator <u>Schilling - HYCO</u>		Visibility _____
Other _____		ABT # at Neutral _____
Support Vessel <u>R/V Kila</u>		Captain <u>R. Barnes</u>

Dive Results/Remarks: Dive to set OBO at Pele's Vents. OBO secured to LRT deck. Divers release OBO at hover. Pisces takes off of LRT with OBO suspended from release on bumper bar. Surface conditions rough. Release descent weights at 900m. Drop to 1050m over bottom. Moving upslope to the S.W. 1030 At Pele's vents. Settle on slightly level area with OBO. Lift off and search for an area with more venting activity. Settle down slope near a vent. Poor position. Sub slipping down slope of OBO position. Stabilize sub. Communicating with OBO. Ready for deployment except camera focus. Move battery box's aft in an effort to tilt camera up slightly to adjust focus. OBO connection is under a strain and disconnects. OBO is not active and will have to be recovered on the next dive. Move upslope to search for thermisters. Locate both thermisters and clip them onto
 Equipment Deficiencies: the lower leg support of the pressure sensor.
1210 Recover pressure sensor and leave the bottom from 975m.
1320 On the surface. 1335 Seas rough. Divers hook on to pressure sensor. Release and back away. 1410 LRT in position
Make a normal recovery.

Pilot <u>T. Kerby</u>	Date <u>8/11/93</u>
Ops. Mgr <u>T. Kerby</u>	Date <u>8/11/93</u>