

PISCES V DIVE REPORT

Pilot <u>Terry Kerby</u>	Wt. _____	Dive Number <u>95-079</u>
Observer <u>A. Malahoff</u>	Wt. _____	Date <u>28 June 1988</u>
Observer Title/Affil. <u>U of H</u>		
Observer <u>Anne Arquit</u>	Wt. _____	
Observer Title/Affil. <u>U of H</u>		Time of Dive <u>1045</u>
Dive Location <u>Loihi Caldera</u>		Time of Surface <u>1815</u>
Lat. <u>19°52.5'</u>	Long. <u>155°15.5'W</u>	Time Submerged <u>7:30</u>
Purpose: <u>Research</u> Training Demo		Time Thru Last Dive <u>395:14</u>
Other _____		Total Time to Dive <u>402:44</u>
Special Equip.:		Dive Depth <u>6724' 2050m</u>
Camera (type) <u>Osprey TVP-</u>		Water Depth <u>6724' 2050m</u>
Manipulator <input checked="" type="checkbox"/>		Water Temp. _____
Other _____		Visibility <u>60'</u>
		ABT # at Neutral _____

Dive Results/Remarks: Land on a steep broken basalt talus bottom at 2050m. Moving upslope to the N.W. after taking a rock sample.

Moving up areas of fresh pillow basalt flows with very little silting. Moved up a series of small cones as sub progresses up the rift.

Collect second rock sample from 1850m. Continue moving upslope to the N.W.

Power failure of 120v system at 1700m. Release ascent weights and leave the bottom. Must make a feathered recovery.

Equipment Deficiencies: Std. battery box flood.

Pilot <u>Terry R. Kerby</u>	Date <u>6/28/88</u>
Ops. Mgr <u>T.R. Kerby</u>	Date <u>6/28/88</u>