

PISCES V DIVE REPORT

Pilot <u>T. Kerby</u>	Wt. _____	Dive Number <u>PS-085</u>
Observer <u>A. Malshoff</u>	Wt. _____	Date <u>July, 21, 1988</u>
Observer Title/Affil. <u>UofH</u>		
Observer <u>Tony Jones</u>	Wt. <u>210</u>	Time of Dive <u>1043</u>
Observer Title/Affil. <u>UofH</u>		Time of Surface <u>1645</u>
Dive Location <u>South Rift, Lohi</u>		Time Submerged <u>6:02</u>
Lat. <u>10°53.7</u>	Long. <u>155°15.4</u>	Time Thru Last Dive <u>434:14</u>
Purpose: <u>Research Training Demo</u>		Total Time to Dive <u>440:16</u>
Other _____		Dive Depth <u>4428' 1350^m</u>
Special Equip.:		Water Depth <u>4428'</u>
Camera (type) <u>Osprey TVP</u>		Water Temp. _____
Manipulator <input checked="" type="checkbox"/>		Visibility <u>40' in vent area to 0'</u>
Other <u>Sample Basket</u>		ABT # at Neutral _____

Dive Results/Remarks: Land on lava ash & sand area at top of a cone. Moving up slope to the N.N.W. from 5215'. Sample rocks. Move up a slope of powder like nontronite stacks. Trying to take a sample of nontronite. Move up slope to more broken talus then on cones of pillow basalt formations. End dive in area of Pele's vents. Starboard thruster failure. Make tethered recovery.

Equipment Deficiencies: Stbd. Thruster.

Pilot <u>Derry Kerby</u>	Date <u>7/21/88</u>
Ops. Mgr <u>T.R. Kuby</u>	Date <u>7/21/88</u>