

PISCES V DIVE REPORT

Pilot <u>D. Foster</u> Wt. _____	Dive Number <u>PS-146</u>
Observer <u>M. Garcia</u> Wt. _____	Date <u>6 Apr 90</u>
Observer Title/Affil. _____ <u>U of H</u>	
Observer <u>J. Mahoney</u> Wt. _____	Time of Dive <u>0724</u>
Observer Title/Affil. _____ <u>U of H</u>	Time of Surface <u>1636</u>
Dive Location <u>Loihi N Rift Zone</u>	Time Submerged <u>9:11</u>
Lat. <u>19°00.0'N</u> Long. <u>155°155'W</u>	Time Thru Last Dive <u>750:20</u>
Purpose: <u>Research</u> Training Demo	Total Time to Dive <u>759:31</u>
Other _____	Dive Depth <u>1820 m</u>
Special Equip.:	Water Depth <u>1820 m</u>
Camera (type) <u>35mm TVP</u>	Water Temp. _____
Manipulator <u>Hyco</u>	Visibility _____
Other <u>Rock Baskets</u>	ABT # at Neutral _____

Dive Results/Remarks: VDO (Panasonic) flooded at launch.
O-ring extruded out of place. After launch, returned to surface. Divers removed cameras & strobe. Descent to bottom. Sonar inoperative. Bottom at 1820 m. Pillow basalt slope. Moved upslope to the south. Rocks collected at 50m intervals, two at 1550 m. Left bottom from 1550 m.

Equipment Deficiencies: Panasonic VDO flooded. - O-ring.
Sonar inoperative - connector found to have sea water contamination

Pilot <u>DFC</u>	Date <u>8 Apr 90</u>
Ops. Mgr <u>T. Rokey</u>	Date <u>4/9/90</u>