

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number P-5-155  
 Observer B. Jorgenson Wt. \_\_\_\_\_ Date Sept. 27, 1990  
 Observer Title/Affil. U of H  
 \_\_\_\_\_  
 Observer J. Mahoney Wt. \_\_\_\_\_  
 Observer Title/Affil. U of H  
 \_\_\_\_\_  
 Dive Location N. Slope Loihi  
 Lat. 18°57.7N Long. 155°16.1W  
 Purpose: Research Training Demo  
 Other \_\_\_\_\_  
 Special Equip.:  
 Camera (type) \_\_\_\_\_  
 Manipulator Hyco  
 Other \_\_\_\_\_  
 Support Vessel R/V Kila

Time of Dive 0918  
 Time of Surface 1740  
 Time Submerged 8:22  
 Time Thru Last Dive 806:28  
 Total Time to Dive 814:50  
 Dive Depth 4854' 1480m  
 Water Depth 1480m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain R. Barnes

Dive Results/Remarks: Seas Marginal. Rain squalls. Sub held in LRT slip by dropped drop wt. shot during launch. 1102 On the bottom in a rough pillow lava terrain. Begin moving up slope to the South East. Many peaks of pillow lava and steep talus slopes. Collected 8 rock samples from various depths as we work our way up slope. Discover some old vents on pillow lava peaks at 1300m. 1615 Leave the bottom from 1170m. Seas rough. Make a normal recovery.

Equipment Deficiencies: Sonar inoperative. Osprey camera inoperative.  
No water in hydraulics after changing pressure in accumulators from 700 PSI to 1100 PSI.

Pilot Jerry R. Kerby Date 9/28/90  
 Ops. Mgr J.R.K. Date 9/28/90