

SUBMERSIBLE DIVE REPORT

MAKALI'I \_\_\_\_\_ PISCES V

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number 25-184 **P5-025**  
 Observer A. Melahoff Wt. \_\_\_\_\_ Date 29 Aug. 1987  
 Observer Title/Affil. G. McMurry U of H Time of Dive 1422  
 Time of Surface 1945  
 Dive Location LOIHI Time Submerged 5:23  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Time Thru Last Dive 88:56  
 Purpose: Research Training Demo Total Time to Dive 94:19  
 Other \_\_\_\_\_ Dive Depth 3540'  
 Special Equip.: Water Depth 3540'  
 Camera (type) TVP-SIT-OSPREY Water Temp. \_\_\_\_\_  
 Manipulator  HyCO Visibility 50'  
 Other Alvin ABT # at Neutral \_\_\_\_\_

Dive Results/Remarks: Working with WQED. Late launch.  
On the bottom on a rocky slope. Searching for Pele's  
Vents area of Loihi volcano. Moving up slope.  
Locating steep ridges and fissures. Much broken  
rocky basalt bottom. Extensive particulate matter in the  
water.  
Getting directions to highest area from surface.  
1720 Locate Pele's vents. Take a water sample. Collect  
a rock sample, and retrieve plate left by Alvin for sampling  
of settled matter.

Equipment Deficiencies: None

Pilot T.R. Kerby Date 8/29/87  
 Ops. Mgr T.R. Kerby Date 8/29/87