

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_  
 Observer C. Holloway Wt. \_\_\_\_\_  
 Observer Title/Affil. HURL

Dive # PV-386  
 Date Sept. 27, 1998

Observer A. Melchhoff Wt. \_\_\_\_\_  
 Observer Title/Affil. HURL

Time of Dive 0845  
 Time of Surface 1753  
 Time Submerged 9:08  
 Time Thru Last Dive 2421:36  
 Total Time to Dive 2430:44  
 Dive Depth 1328m  
 Water Depth 1328m  
 Water Temp. 3.4°C  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Bob Hayes

Dive Location Loihi. Pele's Pit  
 Lat. 18° 54.35' N Long. 155° 15.75' W  
 Purpose:  Research  Training  Demo

Other: \_\_\_\_\_  
 Special Equipment:  
 Camera (type) Sony, Panasonic, Photossea  
 Manipulator Titan, Hyco  
 Other \_\_\_\_\_  
 Support Vessel R/V Kaimikai-O-Kenaloa

Dive Results/Remarks: Pathfinder dive into new pit Crater to survey vent site. Land on west slope. Move up slope to scarp and search for marker #18. Locate marker #18 and begin the descent into the pit. 1058 Locate marker #42. Taking sonar images. Move to marker #19. Take sonar images. Move to marker #20. Take titanium sample at marker #20. 1309 Move up to Jet Vents. Collect rocks and take a second major sampler. Taking sonar images of site. Test water temperature at vent then move down to Lower Jet Vent Site. Sampling at lower Jet Vent Site. Move to bottom of pit. Ascend from bottom of pit.

Equipment Deficiencies: \_\_\_\_\_

Pilot Terry Kerby  
 Ops. Mgr. JRK

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