

PISCES V DIVE REPORT

Pilot T Kerby Wt. \_\_\_\_\_  
 Observer Geoff Wheat Wt. \_\_\_\_\_  
 Observer Title/Affil. NURP West Coast Lab

Dive # PV-394  
 Date Oct. 7, 1998

Observer Phyllis Lam Wt. \_\_\_\_\_  
 Observer Title/Affil. UofH

Time of Dive 0930  
 Time of Surface 1644  
 Time Submerged 7:14  
 Time Thru Last Dive 2481:06  
 Total Time to Dive 2488:20  
 Dive Depth 540m  
 Water Depth 540m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Bob Hayes

Dive Location West Coast of Big Isk  
 Lat. 19°51.7'N Long. 155°07.4'W  
 Purpose: Research Training Demo  
 Other: \_\_\_\_\_

Special Equipment:  
 Camera (type) Sony, Panasonic, Photosea  
 Manipulator Titan, Myco  
 Other \_\_\_\_\_  
 Support Vessel R/V Kaimitaki-O-Keneloa

Dive Results/Remarks: Sea conditions are too rough to dive on Loihi, so an alternate site has been chosen off the West Coast of the Big Island. The site was chosen based on discoveries of a fresh water seep at a depth of 400m along the base of large carbonate blocks. The discovery was made on Pisces V dive PV-70 on June 10, 1988. 1009 On the bottom in 540m. Land among large carbonate blocks. Some red crinoids on some of the blocks. Begin moving upslope to the SE. 1041 Collect rock samples of old coral limb, and manganese coated carbonate. 1133 Move up a 60m high vertical wall. Sonar image of wall. Many large (house sized) carbonate blocks at the base of the wall. Move to the SSE at 410m. Berran sandy patches between carbonate outcrops. Move over extensive area of sand and begin to encounter pillow lava flows. Move 1500m beyond end position of #70 dive, then move back to the NW for 500m. Do not locate any freshwater seeps.

Pilot T. Kerby  
 Ops. Mgr. JRM

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