

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-147
 Observer J. Mahoney Wt. _____ Date 8 April 1990
 Observer Title/Affil. UofH

Observer B. Jorgenson Wt. _____
 Observer Title/Affil. UofH

Dive Location N. Ridge of Loihi Time of Dive 0745
 Lat. 18° 58.3' N Long. 155° 15.7' W Time of Surface 1845
 Time Submerged 11:00

Purpose: Research Training Demo Time Thru Last Dive 759:31
 Other _____ Total Time to Dive 770:31
 Dive Depth 1540^m 5050'

Special Equip.: _____ Water Depth 1540^m
 Camera (type) Osprey TVP Water Temp. 2.3° C on bottom
 Manipulator HYCO Visibility _____

Other Segmented Rock collecting basket ABT # at Neutral

Dive Results/Remarks: On the bottom in a steep pillow lava terrain. Moving south after collecting rock samples. Attempting to get up to 1200^m area. Once again we encounter many solitary peaks as we progress to the south and must make many long runs in midwater to locate the higher slopes to the south. Collect rock samples at 1500^m, 1490^m, 1425^m, 1420^m, and 1415^m. Unable to get any higher than 1415^m throughout dive.

Encounter very strong downward current along the N. Western slopes. Estimate up to 1.5k. Sub unable to progress up slope due to the force of the current. Current is not present at the end of the dive. Drop wt. shot does not release from 3 tubes. Make a normal recovery.

Equipment Deficiencies: _____

Pilot T. Kerby Date 4/9/90
 Ops. Mgr JRK Date 4/9/90