

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number PS-187
 Observer M. Garcia Wt. _____ Date Sept. 19, 1991
 Observer Title/Affil. U of H

 Observer D. Foss Wt. _____
 Observer Title/Affil. U of H Time of Dive 0930
 Time of Surface 1804
 Dive Location Loihi - East Summit Well Time Submerged 8:34
 Lat. 18°55.6'N Long. 155°17'W Time Thru Last Dive 1002:27
 Purpose: Research Training Demo Total Time to Dive 1011:01
 Other _____ Dive Depth 2000^m 6560'
 Special Equip.: Water Depth 2000^m
 Camera (type) Photosea - Penzance - Sony Water Temp. 1.7°C
 Manipulator HYCO - Schilling Visibility _____
 Other _____ ABT # at Neutral _____
 Support Vessel R/V Kila Captain P. Berner

Dive Results/Remarks: Dropping down a vertical well. Tail strikes wall with wall visible in front. Power away from well and drop down to 2000m. Begin moving up wall searching for pillow outcrops to take rock samples from. Picking samples off of vertical walls up to about 1100m. Leave the bottom from a slope of hard sediment and pillow outcrops at 1090m.
Make a normal recovery. Very rugged terrain of vertical wells and deep rifts & canyons. Caution must be exercised when moving down walls. Well was visible in front of sub when tail collided with a wall behind.

Equipment Deficiencies: Broken hydraulics fitting on ^{Aft} drop weight tube caused by collision with tail on wall.

Pilot Terry Kerby Date 9/19/91
 Ops. Mgr D. Foss Date 9/19/91