

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
 Observer T. Catterson (PIT) Wt. _____
 Observer Title/Affil. HURL Sub Ops.

Dive # PV - 388
 Date Sept. 30, 1998

Observer A. Malahoff Wt. _____
 Observer Title/Affil. HURL

Time of Dive 0810
 Time of Surface 1320
 Time Submerged 5:10
 Time Thru Last Dive 2439:34
 Total Time to Dive 2444:44
 Dive Depth 1310m
 Water Depth 1310m
 Water Temp. 3.9°C
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

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

Special Equipment:
 Camera (type) Sony, Panasonic, Photossea
 Manipulator Titen, Hyco
 Other _____

Support Vessel R/V Keimikai-O-Kenaloa

Dive Results/Remarks: Seas rough. Surface will monitor conditions during dive. 0924 1119m land on a steep talus bottom on the West flank of the summit caldera. Move upslope to the East to 1104m. Contour to the East at 1104m and intersect marker #18 at edge of scarp at 0940. Begin descent into pit. 1023. On the bottom on the South slope at 1023 in 1310m. Moving ENE. Encounter a strong upslope current. Crossing the South East spillway. Locate Ikaika Vents at marker #42. Move to marker #19. Take sonar images. Test vent temp. 151°C. Take major sampler. Call from surface. Weather getting worse. Abort dive. 1146. Leave the bottom from 1308m at #19. Seas rough. Make a normal recovery.

Equipment Deficiencies: _____

Pilot Terry Kerby
 Ops. Mgr. [Signature]

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