

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Steve Price - PIT Wt. _____
 Observer Title/Affil. HURL, Pilot In Training.

Dive # PV-472
 Date Oct. 16, 2001

Observer Alex Malahoff Wt. _____
 Observer Title/Affil. MARBEC - HURL

Time of Dive 0813
 Time of Surface 1644
 Time Submerged 8:31
 Time Thru Last Dive 3013:16
 Total Time to Dive 3021:47
 Dive Depth 1352m
 Water Depth 1352m
 Water Temp. 2.8°C @ 1352m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

LOIHI
 Dive Location NAHA Vents to Peles Pit.
 Lat. 16°53.472'N Long. 155°15.282'W
 Purpose: Research Training Demo
 Other: Posit. NAHA vents #1.
 Special Equipment:
 Camera (type) Sony digital - Panasonic - CCD
 Manipulator Titan - Hyco
 Other _____
 Support Vessel R/V Kamikoi - O-Kamalca

Dive Results/Remarks: Dive to survey vent sites on south Rift, up slope to Peles Pit. 0940 On the bottom in rugged pillow lava formation at 1329m. Move to NW. Recognize terrain as being near NAHA vent site. 1002 1325m @ Marker #1, NAHA vents. temp. 5°C. 1030 Conduct a survey of the vent field cracks. No venting. Moved N up steep pillow & cone. 1107 Drop down N side/pillow cone an area of deep fissures. Drop down to 1352m. Moving NW. 1312 Moving NW towards pit. Do not survey Kaapos mound or Pohaku vents. No sign of venting anywhere along rift. 1403 Descending into pit from south wall. Descend into a dense silt cloud. Using sonar, land at 1328m. in pit. cannot see bottom or end of sample basket. Waiting for silt cloud to clear. 1438 Cloud has cleared enough to begin moving to the ENE. 1446 1310m. Locate "Boiling Pot" vents at 1310m. Take Niskin bottle sample, Take 8 Equipment Deficiencies: Reset samples, Take MARBEC sample. Take sediment scoop #1. Take 2 major samplers. 1521 Move to center of pit. 1528 1328m. Leave the bottom.

Pilot Terry Kerby
 Ops. Mgr. Terry Kerby

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