

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P 5-239
 Observer A. Malahoff Wt. _____ Date Sept. 1 1993
 Observer Title/Affil. U of H

 Observer B. Midson Wt. _____
 Observer Title/Affil. U of H Time of Dive 0735
 Time of Surface 1438
 Dive Location Loihi - Peles Vents Time Submerged 7:03
 Lat. 18°54.4'N Long. 155°15.5'W Time Thru Last Dive 1334:12
 Purpose: Research Training Demo Total Time to Dive 1341:15
 Other _____ Dive Depth 1305^m 4280'
 Special Equip.: Water Depth 1305^m
 Camera (type) Sony, Panasonic - Photosea Water Temp. _____
 Manipulator Schilling - HYCO Visibility _____
 Other Temp. Probs ABT # at Neutral _____
 Support Vessel R/V Kila Captain R. Bernes

Dive Results/Remarks: Seas fair. Dive to deploy OBO. 0820 Release
drop wts. at 950^m 0830 Over bottom at 1100^m Moving up slope.
0900 At Peles Vents in 990^m. Deploy OBO. Deploy seismometer
and three temperature probs from OBO. Orient OBO camera to
point at active vent. Set one independent temp. prob near OBO.
Move to area near pressure sensor. Deploy two remaining
thermistors. Collect a rock in the HYCO claw. Move North
towards the N. Crater (Pits of Death). 1200 1080^m Descending into
the Pits of Death. 1238 1305^m At the bottom of the Pits of Death.
Water is slightly clouded. No apparent activity. Leave the bottom from
1305^m Make a normal recovery.

Equipment Deficiencies: _____

Pilot T. Kerby Date 9/2/93
 Ops. Mgr [Signature] Date 9/2/93