

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-257
 Observer A. Melchhoff Wt. _____ Date Oct. 22 1993
 Observer Title/Affil. Uaf H

Observer J. Kolotyrkina Wt. _____
 Observer Title/Affil. Uaf H

Dive Location Loihi - Peles Vents
 Lat. 18° 54.47' N Long. 155° 15.58' W

Purpose: Research Training Demo
 Other _____

Special Equip.: _____

Camera (type) Photosea - Sony - Panasonic

Manipulator Schilling - HYCO

Other Cat. Sampler

Support Vessel R/V Kila Captain R. Barnes (opp)

Dive Results/Remarks: Dive to deploy bottom pressure recorder, 6 temp. probes (HOBO
and recover two MTR temp. recorders and the OBO. Seas marginal. Release drop
weights at 900m moving to the West. Drop to 1050m over the bottom on a
steep rocky slope. Move upslope to the West. Over the top on the S.E. Side
move N along Eastern side. Come to pressure recorder. Set new B.P.R. at
975m to the N. of the old B.P.R. position. Set out two temp. probes HOBO #4 and #5
around pressure recorder. Go to OBO. Place collecting net on bottom by OBO. Move to
old B.P.R. site in the shrimp zone. Deploy HOBO #8. Recover MTR. Return to OBO. Put MTR in
sample bag. Move up to Boulder Hot Hole site. Recover 2nd MTR. Deploy HOBO #6
move left. Deploy HOBO #9 in same area. Move west to slab site. Many flowing vents
Deploy HOBO #7. Have taken five water samples. Move back to OBO. Put 2nd MTR
in sample bag. Clip sample bag to OBO. Take water samples. Clip recovery lines
into OBO. Leave the bottom from 990m at 1235 with the OBO. 1341 On the Surf.
Small boat alongside. Divers in water attach recovery lines to OBO. Release OBO and
 Equipment Deficiencies: move away. Kila recovers OBO. 1418 on LRT.

No equipment discrepancies

Pilot T. Kerby Date 10/23/83
 Ops. Mgr R.R. Date 10/23/93