

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Chuck Holloway (PIT) Wt. _____
 Observer Title/Affil. HURL sub ops.

Dive # PV-396
 Date October 10, 1998

Observer Joe Poring Wt. _____
 Observer Title/Affil. Univ. of Wash - NOAA PMEL

Time of Dive 0812
 Time of Surface 1700
 Time Submerged 8:48
 Time Thru Last Dive 2497:34
 Total Time to Dive 2506:22
 Dive Depth 1345m
 Water Depth 1345m
 Water Temp. 3.0°C @ 1345m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Location Loihi, South Rift, Naha Vents
 Lat. 18° 53.4' N Long. 155° 15.2' W
 Purpose: Research Training Demo
 Other: Pilot training
 Special Equipment:
 Camera (type) Sony, Panasonic, Photarea
 Manipulator Hyco, Titan
 Other _____
 Support Vessel Kaimikei-o-Kenalea

Dive Results/Remarks: Dive to recover osmo sampler at Naha vents and test and sample vents at Pohaku site to the North of NAHAS. 0924 On the bottom in 1324m. Move to the NE. Move up a wall to a narrow peak at 1273m. Position puts us to the west of the Naha vents. Verify this feature on the chart and drop down the wall to the SSE. 1014 At marker #1. Osmo site in the Naha vent field. Temp. 10°C in #1 vent. Collect bacterial mat. Take two major samplers. Deploy new Osmo sampler. Deploy traps #11 & #15 @ marker #1 site. 1220 Move around area. To #6. Venting in N. end of crack. Locate vents near #6. 9°C temp. Deploy bio-trap #16 At site #3. Venting at #3. Heavy silt & no current. Move North at 1332. Move E. of Kepas mound. Do not get a chance to survey mound for venting. 1509 Locate marker #27 at Pohaku vents. Temp. 18°C Set out Bio traps #17 & #14. Take Blue Major sampler. Video of large cirro-toothed octopus near #27.

Pilot Terry Kerby
 Ops. Mgr. JPK

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