

PISCES V DIVE REPORT

Pilot Allen Wright Wt. _____
 Observer Co Pilot TERRY KERBY Wt. _____
 Observer Title/Affil. HURL

Dive # PV-315
 Date 10-8-96

Observer NATHAN BECKER Wt. _____
 Observer Title/Affil. UH

Time of Dive 0818
 Time of Surface 1731
 Time Submerged 9:13
 Time Thru Last Dive 1880:09
 Total Time to Dive 1889:22
 Dive Depth 1289 M
 Water Depth 1289m
 Water Temp. 3.4°C @ 1289m
 Visibility Variable
 ABT # at Neutral _____
 Captain BOB HAYES

Dive Location Loihi - South Rift

Lat. 18°53.8'N Long. 155°15.4'W

Purpose: Research Training Demo

Other: _____

Special Equipment:

Camera (type) Save Digital Photos. Panasonic

Manipulator Schilling Titan. Hyco PHA

Other _____

Support Vessel R/V KOC

Dive Results/Remarks: Land on W side of "Kapo's Mound" @ 1276m. Bottom flank of Pillow Tower of intact pillows facing 110°. Move N and slightly downslope to a small flat area between pillows @ N base of Kapo's Mound where black sand w/ a light brown dusting fills the areas between the pillows. Collect Sediment Sample #1. Move upslope to 1250m to begin Easterly transect in search of fissures and vents. Move ESE @ 1251m. Areas of flat gently sloping sandy plain interspersed w/ steep to vertical intact pillow walls and scattered pillow blocks. Move upslope @ E end of transect to 1200m to begin Westerly transect. Collect Sediment Sample #2 @ 1207 meters. Move W through similar terrain w/ broad sloping sandy silty plains w/ occasional pillow walls and pillow blocks. Discover small

Equipment Deficiencies: area of very gently venting at base of large talus slope @ 1196m @ west end of transect. Temperature 17.1°C. Deploy Marker 27. Move upslope to 1150m. Change Pilots. Terry moves easterly along areas of gently sloping broad sandy silty plains w/ occasional pillow ridges & blocks. Descend back to Marker 27 @ 1196m. Reacquire vents and sample NUKIN, 2 suction buckets, MATORS and Labomba. Temperature @ vent 11.2°C Leave Bottom from 1196m.

Pilot [Signature]

Date 10-13-96

Ops. Mgr. [Signature]

Date 10-13-96