

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Fred Duennebier Wt. _____
 Observer Title/Affil. UofH

Dive # PV-286
 Date Aug. 8, 1996

Observer Frank Sansone Wt. _____
 Observer Title/Affil. UofH

Time of Dive 0834
 Time of Surface 1713
 Time Submerged 8:39
 Time Thru Last Dive 1639:53
 Total Time to Dive 1648:32
 Dive Depth 1075m 3226'
 Water Depth 1075m
 Water Temp. 3.3°C @ 1071m
 Visibility Down to 2m
 ABT # at Neutral _____
 Captain R. Hayes

Dive Location Loihi
 Lat. 18°55.08'N Long. 155°15.85'W
 Purpose: Research Training Demo
 Other: Position for Pisces Peak
 Special Equipment:
 Camera (type) Sony Hi-8; - Penesonic - Photosea
 Manipulator Hyco - Titan
 Other _____
 Support Vessel R/V Kaimikai-O-Kenaloa

Dive Results/Remarks: Seas fair. Current WSW. Dive on the West edge of the West Pit Crater. Launch target is the high point on the western edge of the West Pit Crater. (Pisces Peak). Strong current carries sub to the South West. Power in mid water towards Peak. Land on the Western Slope in 1032m on a steep rocky bottom of old terrain. Move upslope. See evidence of disturbed rock surface. Come to dropoff at the top of the ridge of recent landslide activity. Follow edge of crater up to summit at a depth of 957m. Deploy OBS. Move down slope to west side over old terrain. Water becoming more turbid. Visibility drops to 4m at times. Move up slope to where chimney field used to be and come to the edge of another fresh scarp. Move South along scarp gradually moving upslope over terrain that used to lead up to Pele's vents. Come to a point at 1024m where bottom drops away to the East and to the south. This is where Pele's vents used to be. Drop in to crater and encounter turbid water at 1075m. Move around fresh scarp going upslope to ENE. Move up wall and travel upslope to Pisces Peak. Move N. of peak. Take samples of glassy rock. Leave the bottom from 1000m.

Pilot Terry Kerby
 Ops. Mgr. [Signature]

Date 8/10/96
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