

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____ Dive # PV - 330
 Observer _____ Wt. _____ Date Aug. 30, 1997
 Observer Title/Affil. Fred Duennebrier
U of H
 Observer Tym Catterson - Co-Pilot Wt. _____
 Observer Title/Affil. HURL sub ops.
 Dive Location Loihi, E. Side, Thousand Fingers Field
 Lat. 18° 54.7' N Long. 155° 14.6' W
 Purpose: Research Training Demo
 Other: _____
 Special Equipment:
 Camera (type) Sony, Panasonic, Photosea
 Manipulator HYCO
 Other Basket, Water Samplers
 Support Vessel R/V Kaimikai - O-Kanaloa
 Time of Dive 0806
 Time of Surface 1725
 Time Submerged 9:19
 Time Thru Last Dive 1999:55
 Total Time to Dive 2009:14
 Dive Depth 1250m
 Water Depth 1250m
 Water Temp. 3.6°C @ 1197m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Results/Remarks: Come down in rugged vertical terrain on the East slope after being set S.E. of the Thousand Fingers Field by a strong southerly current. Move to the West over rugged vertical terrain after taking a sediment sample of black sand after at a depth of 1154m. Land on a flat white silty bottom in 1202m. Move W. to edge of E pit crater to survey for a possible HUGO site. Move S.E. to edge of a slope. Move E. across sandy terrain with occasional pillow outcrops and sediment covered hills and gulleys. Moving N. from 1194m. Locate nontronite covered bottom and an active vent with weak flow at 1195m. Much flak in the water flowing out of the N.E.. Move West to the edge of the East Pit Crater. Descend to a depth of 1250m. Contour N along a talus slope at a depth of 1250m. Move up the wall on the N. side of the crater to a depth of 1150m. Contour to the W and SW. Leave the bottom from 1155m to make a mid water transit to the NE. Land in 1174m NE of the E. pit crater. Move N.E. Encounter an Octopus. Leave the bottom from 1186m.

Equipment Deficiencies: _____

Pilot T. Kerby Date 8/30/97
 Ops. Mgr. [Signature] Date 8/30/97