

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Co-Pilot Chuck Holloway Wt. _____
 Observer Title/Affil. _____

Dive # PV-465
 Date Oct. 7, 2001

Observer Alex Malahoff Wt. _____
 Observer Title/Affil. HURL

Time of Dive 0817
 Time of Surface 1524
 Time Submerged 7:07
 Time Thru Last Dive 2957:01
 Total Time to Dive 2964:08
 Dive Depth 1328m
 Water Depth 1328m
 Water Temp. 3.1°C @ 1200m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Location Loihi, Pisces Peak-Pele's Pit
 Lat. 18° 55.027' N Long. 155° 15.863' W
 Purpose: Research Training Demo Pisces Peak
 Other: _____

Special Equipment:
 Camera (type) Sony-Panasonic-ROS
 Manipulator Titan
 Other _____

Support Vessel R/V Kaimikai-O-Kenaloa

Dive Results/Remarks: Dive to recover pressure sensor and survey vent sites in Pele's Pit after the sept. seismic activity. 0916 Land on the west side of the West Pit crater on a steep talus slope. Move upslope to Pisces Peak at 956m. Signs of recent landslide activity. Pressure sensor has moved slightly downslope. Recover pressure sensor and move down west slope towards Pele's Pit. 1021 On a steep talus slope at 1104m. Contour at 1104m to marker #18. 1102 Begin descent into Pele's Pit from #18. 1123 1328m. On the bottom. Move upslope to the NE. Fresh landslide rubble in the bottom of the pit. Contour at 1310m. Locate #11. Move upslope to jet vent rock. No venting. A large boulder has fallen and lodged in the gully between the jet vent

Equipment Deficiencies: rock and the South rock wall. Venting a marker #15 is still active. No current, poor visibility. Move up to #22, then #7. Venting at #7. 54.8°C. Move to #49 site. It is gone. Leave the bottom from 1304m

Pilot Terry Kerby
 Ops. Mgr. [Signature]

Date 10/8/2001
 Date 10/8/01