

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____ Dive # PV-306
 Observer A. Melachoff Wt. _____ Date Sept. 27, 1996
 Observer Title/Affil. USN
Allen Wright - Co-Pilot. HURL
 Observer _____ Wt. _____
 Observer Title/Affil. _____
Loihi
 Dive Location Loihi
 Lat. 18°54.1'N Long. 155°15.9'W
 Purpose: Research Training Demo
 Other: _____
 Special Equipment:
 Camera (type) Photosea-Panasonic-Sony
 Manipulator Titan-Hyco
 Other Deploy Pressures Sensor. Sediment Scoops
 Support Vessel Kaimikai-O-Kanaloa H. Sherman Hobbs Captain Bob Hayes
 Time of Dive 0826
 Time of Surface 1656
 Time Submerged 8:30
 Time Thru Last Dive 1805:04
 Total Time to Dive 1813:34
 Dive Depth 1201m
 Water Depth 1201m
 Water Temp. _____
 Visibility _____
 ABT # at Neutral _____

Dive Results/Remarks: On the bottom in 1034m on a steep basalt talus slope. On the west side on old bottom. Move up slope to the East to "Pisces Peak." Deploy the pressure sensor. Move in mid water from Pisces Peak to the sand channel. Move westerly along the sand channel and begin to contour along a broken rubble wall at a depth of 1175 meters to relocate the vent field we discovered on Dive 30. Poor visibility. Very rugged unstable terrain. Encounter large overhang and detached pinnacles. Discover some vents, but not the same ones as yesterday. Move along vertical wall to the S.W. Very strong downward current going into the pit. Move along wall to the S. Western edge of the pit. Encounter a strong upward current. Equipment Deficiencies: We refer to this area as the exhaust channel. Move into the pit to try what may be a more gradual route. Very poor visibility. Abandon trip into Pit. Move across crater in mid water to the peak on the E-side of the pit. Ascend a steep rubble slope to the summit of a peak at 1086m.

Pilot Terry Kerby Date 9/27/86
 Ops. Mgr. JK Date 9/27/86