

SUBMERSIBLE DIVE REPORT

MAKALI'I \_\_\_\_\_ PISCES V ✓

Pilot T. Kerby Wt. 160 lbs  
Observer <sup>D. Kerby</sup> G. McMurtry Wt. <sup>185 lbs</sup> 135 lbs  
Observer Title/Affil. U of H

Dive Number 27-186

Date 1 Sept. 1987

Time of Dive 0900

Time of Surface 1525

Dive Location LOIHI

Time Submerged 6:25

Lat. 18°54.5'N Long. 155°15.6'W

Time Thru Last Dive 101:11

Purpose: Research Training Demo

Total Time to Dive 107:36

Other \_\_\_\_\_

Dive Depth 4265'

Special Equip.:

Water Depth 4265'

Camera (type) TVP - SIT - Osprey

Water Temp. \_\_\_\_\_

Manipulator HYCO

Visibility \_\_\_\_\_

Other Titanium Water Samplers, Nishkin bottles ABT # at Neutral

Dive Results/Remarks: Drifted to the south west during descent. Carried away from Pele's vents into deeper water. On the bottom on a slope of broken rock. Move N.E. toward area of Pele's vents, getting directions from the surface.  
1110 At Pele's vents. Take two titanium water bottle samples from inside vent areas, and one Nishkin bottle sample. Move down steep slope toward hot spot at 1170 meters. Searching area of long pillow basalt formations for any other hot water vents. Do not locate any other vents. Leave the bottom from 1165 meters. Make a normal recovery.

Equipment Deficiencies: Video Recorder quit recording.

Pilot T.R. Kerby Date 9/1/87  
Ops. Mgr T.R. Kerby Date 9/1/87