

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-145
 Observer M. Garcia Wt. _____ Date 4 April 1990
 Observer Title/Affil. U of H

 Observer J. Mahoney Wt. _____
 Observer Title/Affil. U of H Time of Dive 0809
 Time of Surface 1840
 Dive Location N. Ridge Loihi Seamount Time Submerged 10:31
 Lat. 19°01.3'N Long. 155°15.8'W Time Thru Last Dive 739:49
 Purpose: Research Training Demo Total Time to Dive 750:20
 Other _____ Dive Depth 1940^m - 6363'
 Special Equip.: Water Depth 1940^m - 6363'
 Camera (type) Osprey VDO - Panasonic Water Temp. 1.5°C on bottom
 Manipulator HYCO Visibility _____
 Other Rock collecting basket ABT # at Neutral _____

Dive Results/Remarks: seas fair. Launch in 1900^m on N. Ridge.
0820 launch from CRT. 1045 On the bottom in 1910^m. Land on
a smooth black sandy bottom. Basalt outcrops are present upslope
Moving to the west to locate the ridge leading up the North end
of Loihi. Vast areas of rippled black sand. We encounter several
steep ridges of pillow lava. Taking rock samples from the
tops of these lava peaks. We continue moving in a South South
Easterly direction, unable to get any shallower than 1800^m.
When we drop to the bottom we land in black sand in 1935^m
Collect 9 rocks total.
Make a normal recovery.

Equipment Deficiencies: Panasonic Camera inoperative.

Pilot T Kerby Date 4/4/90
 Ops. Mgr T Kerby Date 4/4/90