

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P5-157
 Observer B. Jorgensen Wt. _____ Date I Oct. 1990
 Observer Title/Affil. U of H
M. Garcia
 Observer M. Garcia Wt. _____
 Observer Title/Affil. U of H
 Dive Location LOIHI Time of Dive 0900
 Lat. 18° 57.9 N Long. 155° 15.3 W Time of Surface 1743
 Purpose: Research Training Demo Time Submerged 8:43
 Other _____ Time Thru Last Dive 822:35
 Special Equip.: Total Time to Dive 831:18
 Camera (type) _____ Dive Depth 1610 m 5280'
 Manipulator HICO Water Depth 1610 m
 Other _____ Visibility _____
 Support Vessel R/V Kila ABT # at Neutral _____
 Captain R. Bernes

Dive Results/Remarks: Seas marginal. On the bottom in 1500 m
on a steep pillow lava peak. Collect a rock. Begin moving to the
N. to get to deeper water. 1200 At 1610 m. Collect rock sample.
Begin moving up slope. Discover we are moving up Western ridge. long
deep cracks and fissures going to the North and South. Move E.S.E.
to get to Eastern Ridge.
On Eastern rift moving south up slope. Collect 10 rocks
from eight different sites. Surface at 1705 seas marginal.

Equipment Deficiencies: No still camera capabilities. Sonar is out.
Poor video quality.

Pilot T. Kerby Date 10/2/90
 Ops. Mgr [Signature] Date 10/2/90