

PISCES V DIVE REPORT

Pilot <u>T. Kerby</u>	Wt. _____	Dive Number <u>P-5-161</u>
Observer <u>M. Garcia</u>	Wt. _____	Date <u>Oct. 10, 1990</u>
Observer Title/Affil. <u>UofH</u>		
Observer <u>M. Kurz</u>	Wt. _____	Time of Dive <u>0900</u>
Observer Title/Affil. <u>WHOI</u>		Time of Surface <u>1803</u>
Dive Location <u>Mahukona Site</u>		Time Submerged <u>9:03</u>
Lat. _____ Long. _____		Time Thru Last Dive <u>858:12</u>
Purpose: <u>Research</u> Training Demo		Total Time to Dive <u>867:15</u>
Other _____		Dive Depth <u>2010m 6592'</u>
Special Equip.:		Water Depth <u>2010m</u>
Camera (type) _____		Water Temp. _____
Manipulator <u>HYCO-ARM</u>		Visibility _____
Other <u>CTD-</u>		ABT # at Neutral _____
Support Vessel <u>R/V Kila</u>		Captain <u>R. Barnes</u>

Dive Results/Remarks: Seas rough. Launch on N.W. side of Mahukona seamount. Stop in mid-water at 1950m. Power in mid-water to the North East. On the bottom in 2010m. Begin moving up a steep wall of pillow lava formations after taking rock samples. Slopes lead to hill tops of pillow formations or piles of talus. Collect rocks from 6 sites. Move over vast areas of sediment with occasional lava outcrops. Continue moving to the E.N.E. Depth remains below 1900 m. Normal recovery. Seas Rough.

Equipment Deficiencies: Water in H.P. air system. Much seawater comes out of cabin vent. (1 1/2 pee bags full) Blew main soft ballast air tables at 300 ft. Much seawater into tanks from H.P. air lines. H.P. System takes on seawater when operating at depths where ambient pressure is greater than HP bottle pressure of ballast air bottles, but does not leak out on surface

Pilot <u>Jerry Kerby</u>	Date <u>10/10/90</u>
Ops. Mgr <u>[Signature]</u>	Date <u>10/11/90</u>