

PISCES V DIVE REPORT

Pilot <u>D Foster</u>	Wt. _____	Dive Number <u>181</u>
Observer <u>M. Cremer</u>	Wt. _____	Date <u>6 Sep 91</u>
Observer Title/Affil. _____ <u>U of H</u>		
Observer <u>K. Kelly</u>	Wt. _____	
Observer Title/Affil. _____ <u>U of H.</u>		Time of Dive <u>0841</u>
Dive Location <u>Loiti-West Slope</u>		Time of Surface <u>1628</u>
Lat. _____ Long. _____		Time Submerged <u>7:47</u>
Purpose: <u>Research</u> Training Demo		Time Thru Last Dive <u>952:52</u>
Other _____		Total Time to Dive <u>960:39</u>
Special Equip.: <u>VDO-Sony, Pana</u>		Dive Depth <u>1575</u>
Camera (type) <u>Still - Photoses</u>		Water Depth <u>1575</u>
Manipulator <u>Hyco; Schilling</u>		Water Temp. _____
Other <u>Rock Basket</u>		Visibility _____
Support Vessel <u>KIVA</u>		ABT # at Neutral _____
		Captain <u>R. BARNES</u>

Dive Results/Remarks: Landed at 1525 m on steep talus slope, some pillows. Leapt down to 1575 m. Zig-zag course upslope, N.E. and S.E. toward Pele's Vents. Found active vent field at 1240 m on slope northwest of P.V. Large field, very active, thick covering of mat. Moved upslope to P.V. - did not observe DBO activate between :40 and :10 after the hour. Descended ~~off~~ over N.E. slope to 1100 m.

Equipment Deficiencies: ~~None~~ Dented port thruster shroud.

New Vents: 18° 54.53' N
155° 15.90' W

Pilot <u>D Foster</u>	Date <u>7 Sep 91</u>
Ops. Mgr <u>K Kelly</u>	Date <u>9/7/91</u>