

SUBMERSIBLE DIVE REPORT

MAKALI'I \_\_\_\_\_

PISCES V

**P5-020**

Pilot <u>T.R. Kerby</u>	Wt. _____	Dive Number <u>20-179-P-5-008</u>
Observer <u>Lauren Mulheux Charlotte Fuller</u>	Wt. _____	Date <u>14 Aug. 1987</u>
Observer Title/Affil. <u>Woods Hole Oceanographic Inst.</u>		Time of Dive <u>0823</u>
Dive Location <u>Cross Seamount</u>		Time of Surface <u>1410</u>
Lat. <u>18°42.6'N</u> Long. <u>158°16.9'W</u>		Time Submerged <u>5:47</u>
Purpose: <u>Research</u> Training Demo		Time Thru Last Dive <u>66:19</u>
Other _____		Total Time to Dive <u>72:06</u>
Special Equip.:		Dive Depth <u>1430 ft.</u>
Camera (type) <u>Osprey TVP, SIT</u>		Water Depth <u>1430 ft.</u>
Manipulator <input checked="" type="checkbox"/>		Water Temp. _____
Other <u>/</u>		Visibility _____
		ABT # at Neutral _____

Dive Results/Remarks: Land on a rocky basalt bottom with patches of sand. Thruster stuck in vertical position. Manage to maneuver thrusters to forward position. Attempt to locate pinger. Moving N.W. Unable to get pinger reply.  
Getting into deeper water. Land on a rocky bottom. Deploy dye balls. Take off and begin tracking pinger to the S.E. 1000 Locate pinger signal. Moving S.E. towards pinger site.  
1215 Locate substrate site. Recover Alabaster substrates. Deploy thin substrate. 1252 Leave the bottom. Make a normal recovery.

Equipment Deficiencies: Thrusters stick in vertical position.  
TVP camera no return at end of dive.

Pilot T.R. Kerby Date 8/24/87  
 Ops. Mgr T.R. Kerby Date 8/24/87