

SUBMERSIBLE DIVE REPORT

MAKALI'I \_\_\_\_\_ PISCES V

Pilot D. Foster Wt. \_\_\_\_\_ Dive Number 030-189  
 Observer A. Matlock Wt. \_\_\_\_\_ Date 4 Sep 87  
 Observer R. Grigg Wt. \_\_\_\_\_  
 Observer Title/Affil. \_\_\_\_\_ Time of Dive 1329  
U of I Time of Surface 2004  
 Dive Location LO141 Time Submerged 6:31  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Time Thru Last Dive 123:01  
 Purpose: Research Training Demo Total Time to Dive 129:32  
 Other \_\_\_\_\_ Dive Depth 1180 m (3870')  
 Special Equip.: Water Depth 1180 m 3  
 Camera (type) TVP Water Temp. 3°C  
 Manipulator  Visibility 50'  
 Other Thermistors ABT # at Neutral \_\_\_\_\_

Dive Results/Remarks: Landed at 1160 m. Smooth pillow  
basalt, shallow slope. moved northeast  
toward intended target area, but ended  
up in a place called "northern cones and  
vents". Explored in this area until  
time of day forced us to end dive.

Recovery delayed because thruster  
tilt mechanism broke.

Equipment Deficiencies: Bolt on thruster tilt rzm broke.

Pilot DFM Date 4 Sep 87  
 Ops. Mgr DR Date 9/9/87