

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number 166  
 Observer Dave Douglas Wt. \_\_\_\_\_ Date Oct. 21, 1990  
 Observer Title/Affil. IMAX  
 \_\_\_\_\_  
 Observer \_\_\_\_\_ Wt. \_\_\_\_\_  
 Observer Title/Affil. \_\_\_\_\_ Time of Dive 0840  
 \_\_\_\_\_ Time of Surface 1515  
 Dive Location LOIHI, Pele's vents Time Submerged 6:35  
 Lat. 18°54.5'N Long. 155°15.6'W Time Thru Last Dive 086:35  
 Purpose: Research Training Demo Total Time to Dive 0893:10  
 Other IMAX Filming. Dive Depth 1312m 4300'  
 Special Equip.: Water Depth 1312m  
 Camera (type) \_\_\_\_\_ Water Temp. \_\_\_\_\_  
 Manipulator HYCO Visibility \_\_\_\_\_  
 Other \_\_\_\_\_ ABT # at Neutral \_\_\_\_\_  
 Support Vessel Kila Captain R. Barnes

Dive Results/Remarks: Seas fair. Dive to s.w. slope of Loihi.  
On a silty bottom at 1312m. Moving upslope to the N.E.  
Taking IMAX footage out of port view port. Take footage  
of large pillows, strange fish and walls of truncated pillows.  
Land to reload camera. Run into overhang on way up wall. Land  
in Pele's vents. Down N.E. side of peak to 1050m up slope. To  
area we call the snow field on the s.w. side of the Pele's vents  
peak.

Equipment Deficiencies: None. Tracker is intermittent. Discover HP  
air leak from Air-O2 penetrator.

Pilot T. Kerby Date 10/22/90  
 Ops. Mgr T.K. Date 10/22/90