

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. \_\_\_\_\_  
 Observer Max Cremer Wt. \_\_\_\_\_  
 Observer Title/Affil. HURL sub ops. Pilot in training.

Dive # PV-549  
 Date December 7, 2003

Observer Paul Atkins Wt. \_\_\_\_\_  
 Observer Title/Affil. Moana Productions-PBS

Time of Dive 0905  
 Time of Surface 1717  
 Time Submerged 8:12  
 Time Thru Last Dive 3588:29  
 Total Time to Dive 3588:41  
 Dive Depth 1327m  
 Water Depth 1327m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Ross Barnes

Dive Location Pele's pit & Pisces Peak.  
 Lat. 18° 54.494' N Long. 155° 15.773' W

Purpose: Research Training Demo  
 Other: \_\_\_\_\_

Special Equipment:  
 Camera (type) Sony digital - ROS Color  
 Manipulator Titan-Hyco.  
 Other \_\_\_\_\_

Support Vessel R/V Kaimikai-O-Kanaloa

Dive Results/Remarks: Dive into pit and to Pisces Peak for  
documentary filming and recovery of pressure sensor. 1008  
Land on a steep talus slope at 1103m. Contour at 1104m to marker #18.  
1030 Locate marker #18. 1042 Begin descent into pit. 1124 1327m  
on bottom of pit. 1128 Move upslope to the North East. 1155 1310m  
Locate "Boiling Pot": Vent temp. 69.6°. Move upslope to marker #37.  
1249 At marker #37. Vent temp. 70.2°. Very strong venting at this site.  
Move back to the west and locate an area of strong venting on the wall  
East of the Boiling Pot site at 1299m. Drop down wall from vents  
and note that these vents are up the wall from the 1310m site at the  
Wall N. of the Boiling Pot. Move to the North to the Get Vent site. Survey  
boulder then move to North wall and begin ascent up wall.  
1557 Arrive at Pisces Peak at 956m. 1612 956m Recover bottom  
pressure recorder. Collect rock samples. 1612 Leave the bottom.

Equipment Deficiencies: Make a normal recovery.

Pilot Terry Kerby  
 Ops. Mgr. PKM

Date 2/5/04  
 Date 2/5/04