

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. \_\_\_\_\_ Dive # PV-551  
 Observer Hubert Staudigel Wt. \_\_\_\_\_ Date December 10, 2003  
 Observer Title/Affil. Scripps Institute of Oceanography

Observer Den Rogers Wt. \_\_\_\_\_  
 Observer Title/Affil. Woods Hole Oceanographic Inst.

Dive Location Keelakekua, 1877 flow.  
 Lat. 19° 28.000' N Long. 155° 57.834' W  
 Purpose:  Research  Training  Demo  
 Other: \_\_\_\_\_

Time of Dive 0816  
 Time of Surface 1644  
 Time Submerged 8:28  
 Time Thru Last Dive 3596:42  
 Total Time to Dive 3605:10  
 Dive Depth 1102m  
 Water Depth 1102m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Ross Barnes

Special Equipment:  
 Camera (type) Sony PDX10 (Digital) ROS - Color  
 Manipulator Titan - Hyco  
 Other \_\_\_\_\_  
 Support Vessel R/V Kaimikai - O-Kenaloa

Dive Results/Remarks: Dive on 1877 lava flow to locate sample site and marker #1 deployed last year. 0912 Land on a sandy bottom in 1028m 0917 Moving to the NW to locate flow. 0951 1090m Locate edge of flow. 0954 Move down slope along edge of flow to 1101m. Move up flow feature to try to locate site. 1019 Locate marker #1. 1106 1029m Collect rock samples from summit area 7m west of site. Deploy samplers. Collect some samplers. 1222 Moving WNW up main flow. 1252 1133m Move west across flow to locate west side of flow. 1259 1133m Moving to the NE. Move around end of flow and back and forth across flow to determine boundaries. 1443 Move North West. 1515 981m At the top of a cone with deep holes. Sample rocks. 1545 Collect rock and move into a position to jettison ascent weights. 1546 Leave the bottom from 1546m. Make a normal recovery.

Equipment Deficiencies: \_\_\_\_\_

Pilot Terry Kerby  
 Ops. Mgr. TRK

Date 2/5/04  
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