

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. \_\_\_\_\_ Dive # PV-552  
 Observer Hubert Steudigal Wt. \_\_\_\_\_ Date December 11, 2003  
 Observer Title/Affil. Scripps Institute of Oceanography

Observer Brad Bailey Wt. \_\_\_\_\_  
 Observer Title/Affil. Scripps Institute of Oceanography Time of Dive 0812  
 Time of Surface 1647

Dive Location Kealahakua - 1877 flow. Time Submerged 8:35  
 Lat. 19°27.395'N Long. 156°00.280'W Time Thru Last Dive 3605:10

Purpose: Research Training Demo Total Time to Dive 3613:45  
 Other: \_\_\_\_\_ Dive Depth 1611m

Special Equipment: Water Depth 1611m  
 Camera (type) Sony Digital Water Temp. \_\_\_\_\_  
 Manipulator Titen - Hyco Visibility \_\_\_\_\_

Other \_\_\_\_\_ ABT # at Neutral \_\_\_\_\_  
 Support Vessel R/V Kaimikai-O-Kanaloa Captain Ross Barnes

Dive Results/Remarks: Dive to establish a sample site at the deep end of the flow. 0948 1611m. On the bottom on a sandy slope. Move East up a steep talus slope. Come to the base of a vertical wall of truncated pillows at 1591m. Move up the wall. 1014 1545m. Moved over the top of a plateau. Moving east on a sandy bottom. 1033 At the base of another pillow wall at 1556m. Collect a rock. Move NE up a wall. 1106 1430m. At the summit of a pillow pinnacle. Locate an area to establish a sample site. P-V depths at sample site. Old paro. 1431m New Paro 1429m. Deploy Marker # 30. Deploy 6 settling experiments. 1239 1437m Move away from sample site to see if it can be easily relocated. 1451m. at base of pinnacle where there are deep thruster blast marks. Move to the south at 1451m to establish a launch position site to use to relocate the site. Locate a suitable site at 19°27.402'N

Equipment Deficiencies: λ 156°00.038'W. Contour at 1450m to the N from this position to relocate the site. Moved back to the N. and relocated site. 1411 1364m Continue moving to the East. 1508 1203m Collected Rocks. 1540 Leave the bottom from 1165m. Make a normal recovery.

Pilot Terry Kerby Date 2/5/04

Ops. Mgr. JK Date 2/5/04