

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Dave Clague Wt. _____
 Observer Title/Affil. MBRI

Dive # PV-406
 Date Oct. 23, 1998

Observer John Smith Wt. _____
 Observer Title/Affil. U of H.

Dive Location N. Kohala
 Lat. 20° 17.25' N Long. 155° 21.85' W
 Purpose: Research Training Demo

Time of Dive 0815
 Time of Surface 1722
 Time Submerged 9:07
 Time Thru Last Dive 2586:06
 Total Time to Dive 2595:07
 Dive Depth 1871m
 Water Depth 1871m
 Water Temp. 2.2°C @ 1860
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Other: _____
 Special Equipment:
 Camera (type) _____
 Manipulator Titan, HYCO
 Other _____
 Support Vessel R/V Kaimikai-O-Kanaloa

Dive Results/Remarks: Survey ancient volcanos. 1000 On the bottom on a steep rocky, sandy slope. Land in pillow flow with sediment. Move downslope to get to base of slope pick up heaviest rocks to jettison as we collect rock samples. Do not see pillow lava formations at base of slope. Large columnar formations. 1053 At 1779m Begin moving upslope. Collecting samples from ash layers. Collecting pillow flow samples at 1689m on rim of crater. Strong current. Moving NW against a strong current that is setting the sub downslope to the East. 1352 1811m. Sample from pillow lava formations. 1439 1794m collect rock sample from pillow flow. 1444 Moving East. 1500 186 moving downslope to the East. 1526 1871m leaving the bottom from a flat sandy plane.

Pilot Terry Kerby
 Ops. Mgr. JPK

Date 10/23/98
 Date 10/23/98