

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-777 Date: Sept 26, 2011  
 Observer 1: Brian Glaser  
 Affiliation: UofH Dive Location: Loihi-South Rift  
 Observer 2: Evan Kovacs Latitude: 18°52.283' N  
 Affiliation: WHOI Longitude: 155°14.818' W  
 Purpose:  Research  Training  Test  
 Other: \_\_\_\_\_ Time of Dive: 0817  
 Special Equipment: WHOI 3D-HD Time of Surface: 1657  
 Cameras: miniZeus HD-ROS-5D Time Submerged: 8:40  
 Manipulators: Titan 4-HYCO Time Thru Last Dive: 5246:49  
 Samplers/Sensors: \_\_\_\_\_ Total Time to Dive: 5255:29  
 Support Vessel: R/V Kaimikai-O-Kanaloa Dive Depth: 1763m  
 Captain: Clary Gutzeit Water Depth: 1763m  
 Water Temperature: 1763m temp. 2.6 °C  
 Visibility: \_\_\_\_\_

Dive Results/Remarks: Two sub filming dive for Nat Geo, and search for Marker #17 sample site. 0824 Launch Pisces Vand begin descent. 0913. Passing 900m, pisces IV is launching. 0929 lower in mid water to the East to maintain a position near marker #17. 1006 1763m On the bottom in 1763m. Very strong current to the south. 1020 Move towards the marker #17 site. Getting into familiar terrain. Get to area of dried up bacterial mat marking the bend of hydrothermal activity that indicate the marker #17 site. Discover crumpled broken pillows that appear to have collapsed into a fracture. No sign of Huberts samples or marker #17. Move upslope. Recognize crusted nontronite band and dead corals of marker #17 site. 1048 Pisces IV on the bottom. Pisces V & Pisces IV filming in pillow formations around marker #17 site. 1234 Have moved to the N filming on steep pillow cones. Monster cam stuck panned left. Subs bow to bow. Attempt to fix with Pisces IV Orion arm. Unsuccessful. 1436 Pisces IV leaves & collected rocks on top of pinnacle. 1448 Pisces IV leaves the bottom. Pisces V collects rocks. 1508 Pisces V leaves the bottom.

Pilot's Signature: Terry Kerby Date: 9/28/11  
 Operations Director: Terry Kerby Date: 9/28/11