

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-750 Date: October 20, 2010  
 Observer 1: Chip Fletcher  
 Affiliation: UH Dive Location: Penguin Banks  
 Observer 2: Ken Rubin Latitude: 21°00.262'N  
 Affiliation: UH Longitude: 157°22.471'W  
 Purpose:  Research  Training  Test  
 Time of Dive: 0804  
 Other: \_\_\_\_\_ Time of Surface: 1630  
 Special Equipment: \_\_\_\_\_ Time Submerged: 8:26  
 Cameras: mini Zeus HD-ROS Time Thru Last Dive: 5045:46  
 Manipulators: T4, HYCO Total Time to Dive: 5054:12  
 Samplers/Sensors: \_\_\_\_\_ Dive Depth: 228m  
 \_\_\_\_\_ Water Depth: 228m  
 Support Vessel: R/V Kamikaei-O-Kanaloa Water Temperature: 16.4@228m  
 Captain: Ross Barnes Visibility: \_\_\_\_\_

Dive Results/Remarks: Survey and collect samples from ancient reefs. 0826 Land on a steep sandy slope at 213m. 0831 Move to the West. 0852 228m collecting samples from old coral reef. 0900 Move upslope to the West. 0924 162m collecting samples. Very strong current moving downslope to the Southeast. 0944 Very slow going moving upslope to the Northwest. 1009 133m Collecting samples. 1031 Moving Northwest. 1100 145m Collecting samples. 1118 146m Moving West. Current easing off now. 1148 149m. Discover a massive ancient coral head. 1143 149m Survey coral head and collect samples. 1207 Moving West. Stop to collect more samples. 1300 Titan freezes just as we are about to stow a sample. Fault in Titan hydraulic system. 1323 Move to the West. 1412 Set down on bottom to secure basket and stow samples. 1431 Move up slope to the NE. 1504 125m Collect sample with HYCO arm. 1520 Move downslope to the South. 1543 228m. Move N/NW 1549 Move E. 1558 Leave the bottom from 211m

Pilot's Signature: Terry Kerby  
 Operations Director: Terry Kerby

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