

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-884 Date: Nov 17, 2014  
 Observer 1: Ken Rubin  
 Affiliation: UH - SOEST Dive Location: Penguin Banks  
 Observer 2: Clark Sherman Latitude: 21°00.530' N  
 Affiliation: U of Puerto Rico Longitude: 157°24.529' W  
 Purpose:  Research  Training  Test  
 Time of Dive: 0750  
 Equipment Used:  Time of Surface: 1635  
 Cameras:  Time Submerged: 8:45  
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 5667:58  
 Samplers & Sensors: Rock Collecting Total Time to Dive: 5676:43  
 Support Vessel: R/V Kamikai-o-Kanaloa Dive Depth: 176m  
 Captain: Don Jack Water Depth: 176m  
 Water Temperature: 20.4°C @ 176m

Dive Narrative: Two sub geology dive. 0816 land on a sandy bottom in 172m. 0830 Move NE. 0838 Pisces IV is launched. 0845 Pisces IV is diving. 0851 164m Move along an ancient reef structure collect sample #1 and #2. 0907 162m Collect sample #3. 0919 156m Collect sample #4. 0925 Move upslope to the NE. 0934 Collect sample #5. 0945 140m Collect sample #6. 0956 Collect sample #7. 1000 Move upslope to the N. 1020 Collect sample #8. 1036 141m collect sample #9. 1044 Move East. 1048 138m Collect sample #10. 1103 135m Sample #11. 1128 131m Sample #12. 1130 Move NE. 1150 120m Sample #13. 1158 Move downslope to the South. 1222 Moved East. 1234 129m Collect sample #14. 1240 129m Sample #15. 1205 139m Sample #16. 1332 129m Collect sample #17. 1403 Collect #18a & 18b at 141m. 1439 136m collect #19. 1506 136m Collect #20. 1508 Move East. 1524 136m collect sample #21. 1526 Pisces IV leaves the bottom. 1554 127m collect sample #22. 1609 Leave the bottom from 128m. Tele-Arm failure on recovery

Pilot's Signature: Terry KerbyDate: 11/18/14Operations Director: Terry KerbyDate: 11/18/14