

## PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-687 Date: October 24, 2007  
 Observer 1: Frank Parrish  
 Affiliation: NMFS Dive Location: Makapuu Coral Beds  
 Observer 2: Bob Moffitt Latitude: 21° 17.403' N  
 Affiliation: NMFS Longitude: 157° 32.119' W  
 Purpose: Research Training Test  
 Time of Dive: 1058  
 Other: \_\_\_\_\_ Time of Surface: 1658  
 Special Equipment: \_\_\_\_\_ Time Submerged: 6:00  
 Cameras: Sony - 1205 Time Thru Last Dive: 4608:10  
 Manipulators: Titan-HYCO Total Time to Dive: 4614:10  
 Samplers/Sensors: \_\_\_\_\_ Dive Depth: 442m  
 Water Depth: 442m  
 Support Vessel: R/V Keimikoi-O-Kanaloa Water Temperature: 8.1°C  
 Captain: Ross Barnes Visibility: \_\_\_\_\_

Dive Results/Remarks: Makapuu Coral Bed dive to locate and document growth of gold coral trees at study sites. 1128 Land on a scoured carbonate bottom at 400m. Very strong current moving to the south. 1214 425m Locate marker #12 and gold coral trees at first study site. Southerly current is so strong that Pisces V can only hold station with thrusters full ahead. Surges in the current flow allow us to maneuver in the area. Main study area is 300m to the North. 1253 425m making very slow progress moving to the North. 1357 415m Locate marker #55 and flow meter. Collect flow meter and deploy new flow meter and current meter. Move North along long line fouled on bottom. 1500 Locate Pot #7 and study tree. 1508 413m at marker #11. Collect second flow meter, record gold coral tree sizes. 1536 Equipment Deficiencies: 414m. Locate pot #5 and study tree. Still current coming out of the North. 1543 416m Locate Pot #10. 1355 415m at Pot #11. Move down slope to ledge area at 442m. Test clove oil dispenser. 1615 Leave the bottom from 442m.

Pilot's Signature: Terry Kerby Date: Oct. 29, 2007

Operations Director: Terry Kerby Date: Oct. 29, 2007