

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-798 Date: DECEMBER 16, 2012  
 Observer 1: KEN RUBIN  
 Affiliation: SOEST Dive Location: BARBERS PT. WALL  
 Observer 2: KAUNANI KANE Latitude: 21° 17.109' N  
 Affiliation: SOEST Longitude: 158° 13.491' N  
 Purpose: Research Training Test  
 Other: \_\_\_\_\_ Time of Dive: 0852  
 Special Equipment: \_\_\_\_\_ Time of Surface: 1620  
 Cameras: MINI-ZEUS HD, ROS SD Time Submerged: 7:28  
 Manipulators: TITAN 4, HYCO Time Thru Last Dive: 5403:29  
 Samplers/Sensors: BIO BOX, ROCK CRABE Total Time to Dive: 5410:57  
 \_\_\_\_\_ Dive Depth: 1751m  
 \_\_\_\_\_ Water Depth: 1751m  
 Support Vessel: R/V KAHIKIHI-O-KAWAHOA Water Temperature: not recorded  
 Captain: CLARRY GUTBEIT Visibility: \_\_\_\_\_

Dive Narrative: GEOLOGY DIVE SEARCHING FOR DEEP CARBONATES.  
1017 land on the bottom is about 1450m. The terrain is a gentle, sandy slope with numerous mounds. 1033 move SW to deeper water, looking for carbonate outcrops. 1149 1726m arrive at the edge of the wall. Moving along the edge of the wall, exploring the upper reaches. 1222 1751m collect possible carbonate. Continue along the upper part of the wall toward W. 1253 1748m collect rock #2, a basalt. Start moving upslope. Noticed that trim tank is gaining weight. Try to correct for weight gain by dropping shot parcels and adjusting selector valve. 1308 1728m collect friable rock sample #1. 1330 collect rock #4 near previous sample. 1336 1687m moving along the wall to W. 1400 collect rock #5, possible carbonate. 1434 1612m Trim tank still gaining weight, now 81.4'i. full, with 120 psi on gauge. Decide to cut dive short due to trim tank leak. 1438 1v bottom from 1612m. Leakage stops at around 1100m. Normal recovery.

Pilot's Signature: \_\_\_\_\_

Date: 1-15-13

Operations Director: \_\_\_\_\_

Date: 1-15-13