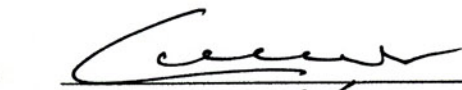
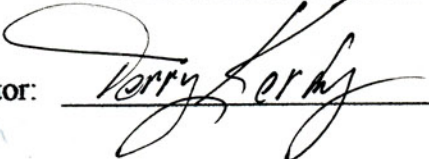


PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-650 Date: JULY 11, 2005
 Observer 1: DAWN WRIGHT
 Affiliation: OREGON STATE UNIVERSITY Dive Location: FAEMA BANK - TUTUILA
 Observer 2: DOUGLAS FENNER Latitude: S 14: 19. 886
 Affiliation: A.S. DEPT. MAR. WILDLIFE & FISH. Longitude: W 170: 40. 144
 Purpose: Research Training Test Time of Dive: 0809
 Other: _____ Time of Surface: 1316
 Special Equipment: _____ Time Submerged: 5:07
 Cameras: SONY DV, ROS COLOR/BW, EXT. STILL Time Thru Last Dive: 4344:03
 Manipulators: HYCO, TITAN 7F Total Time to Dive: 4349:10
 Samplers/Sensors: CTD-DO, COVERED CRABE Dive Depth: 440m
 _____ Water Depth: 440m
 Support Vessel: R/V KAINIKAI-O-KANALOA Water Temperature: ref. CTD data
 Captain: ROSS BARNES Visibility: VARIABLE, CLR @ depth, REDUCED SHALLOW

Dive Results/Remarks: BENTHIC SURVEY OF LOWER AND UPPER REACHES OF FAEMA BANK. 0857 Land on bottom @ 565m in steep carbonate and sedimented terrain. 0846 move downslope to S to investigate base of Bank. 0924 439m smooth and gentle slope with thick sediment, occasionally broken by carbonate outcrops. 0927 contouring to E at 440m, making observations regarding benthos and human impact. 1019 434m turning to N to find base of carbonate wall. 1045 315m at base of vertical carbonate wall. Ascending the wall making observations. 1132 115m arrive at upper ledge of carbonate wall. 1144 move upslope to 90m, then contour E to fill in previously surveyed area. 1234 move to S to deeper water to prepare for recovery. 1249 195m ascend from midwater. Make a normal recovery.

Equipment Deficiencies: Hot lights were operating erratically.

Pilot's Signature:  Date: JULY 13, 2005
 Operations Director:  Date: July 14, 2005