Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-329 Date: SEPTEMBER 24, 2017

Observer 1: NIKKI MORGAN

Affiliation: FLORIDA STATE UNIVERSITY

Observer 2: BEATRICE MEJIA

Affiliation: FLORIDA STATE UNIVERSITY

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: MINI-ZEUS HD, ROS SD

Manipulators: ORION 7P, HYCO

Samplers/Sensors: 3 BIO BOXES

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: MIKE HOSHLYK

Dive Location: SOUTH KOKO SEAMOUNT

Latitude: 34°53.359'N

Longitude: 171°55.048'E

Time of Dive: 0828

Time of Surface: 1236

Time Submerged: 4:08

Time Thru Last Dive: 2245:21

Total Time to Dive: 2249:29

Dive Depth: 375m

Water Depth: 375m

Water Temperature: 11.2°C @ 349m

Visibility: GOOD, 15-20m

Dive Narrative: CORAL HABITAT AND BOTTOM TRAWLING IMPACT SURVEY. 0855 362m land on the bottom on a gentle, local carbonate slope with little sedimentation. There are some corals and sponges at the landing site. 0902 collect coral sample near the landing site. 0921 moving NW to the 350m contour. 0934 350m after collecting a sample of BATHYPATHES, START transect #1 to S at 350m from 34°53.448'N, 171°55.015'E. 0957 351m END transect #1 at 34°53.277'N, 171°54.687'E. 1002 contour at 350m. 1010 349m START transect #2 from to S at 350m from 34°53.172'N, 171°54.646'E. 1028 352m END transect #2 at 34°52.881'N, 171°54.636'E, then sample PARAGORGIA and a white OCTOPATHARIAN. 1043 continue S along the 350m contour. 1059 349m START transect #3 to S at 350m from 34°52.785'N, 171°54.534'E. 1117 350m END transect #3 at 34°52.671'N, 171°54.142'E. 1123 moving downslope S. 1144 reach 375m at 34°52.534'N, 171°53.951E. 1147 explore for deep reef fish until clearance to leave the bottom. 1202 375m leave bottom from 34°52.613'N, 171°53.928'E. Normal recovery.

Pilot's Signature: Date: 10-4-17

Operations Director: Terry Kerby Date: 10.8.17