Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-313 Date: NOVEMBER 4, 2016

Observer 1: NICOLE MORGAN

Affiliation: FLORIDA STATE UNIVERSITY

Observer 2: BEATRIZ MEJIA

Affiliation: FLORIDA STATE UNIVERSITY

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: MINI-ZEUS HD, ROS SD

Manipulators: ORION 7P, HYCO

Samplers/Sensors: ONE EMPTY BIO BOX, TWO BIO BOXES W/ 15 JARS EACH

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: MIKE HOSHLYK

Dive Location: KAMMU SMT, EMPEROR SMTS

Latitude: 32° 19.408'N

Longitude: 172° 49.159'E

Time of Dive: 1255

Time of Surface: 1644

Time Submerged: 3:49

Time Thru Last Dive: 2162:41

Total Time to Dive: 2166:30

Dive Depth: 640m

Water Depth: 640m

Water Temperature: not recorded

Visibility: GOOD, 15-20m

Dive Narrative: TWO-SUB DIVE TO SURVEY AND SAMPLE SEAMOUNT CORAL HABITAT. 1339 640m land on the bottom in a flat, sandy area. 1344 move towards the slope to SSW. 1410 640m still traveling through very homogenous terrain, flat and sandy. 1449 600m now moving gently upslope to S, terrain and substrate have changed to more relief, with some carbonaceous and basaltic outcrops. 1515 543m locate a solitary set of MADREPORA "bale", hosting a number of organisms. Collect several samples, then continue upslope to S. 1548 500m START transect to W from 32°17.771'N, 172°48.576'E. 1605 501m END transect at 32°17.734'N, 172°48.152'E. 1607 leaving the bottom from 501m. Normal recovery.

Pilot's Signature: [signature] Date: 11-15-16

Operations Director: Terry Kerby Date: 11/15/16