Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: PC-325 Date: SEPTEMBER 20, 2017

Observer 1: VIKKI MORGAN

Affiliation: FLORIDA STATE UNIVERSITY

Observer 2: KELLY KLEIN

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-KANAKOA

Captain: MIKE KOSHLYK

Dive Location: NORTH KOKO SEAMOUNT

Latitude: 35° 05.129' N

Longitude: 171° 58.123' E

Time of Dive: 0927

Time of Surface: 1328

Time Submerged: 4:01

Time Thru Last Dive: 2223:27

Total Time to Dive: 2227:28

Dive Depth: 702m

Water Depth: 702m

Water Temperature: 6.3°C @ 702m

Visibility: FAIR, 10-15m

Dive Narrative: CORAL HABITAT AND BOTTOM TRAWLING DAMAGE SURVEY. 1009 702m land on the bottom in a flat, sandy area. 1016 moving SW, upslope. 1025 696m collect LEIOPATHES at 35° 03.077' N, 171° 57.989' E. 1032 continue SW. 1052 560m on a vertical wall, collecting THOUARELLA, IDIELLA, CHRYSOGORGIA, CORALLIUM, and a cup coral. 1114 moving up the wall to 500m. 1121 537m collect LAMINARIA, ACANELLA, PARATRICEA and a sponge at 35° 02.951' N, 171° 57.905' E. 1141 continuing upslope to 500m. 1152 520m locate an unmanned aerial vehicle (drone?), possible chute missile at 35° 02.866' N, 171° 57.815' E. 1205 continue upslope W. 1214 502m START transect #1 at 500m to NW from a wall perch at 35° 02.898' N, 171° 57.712' E. 1237 501m END transect #1 at 35° 03.113' N, 171° 57.450' E. 1246 ABORT DIVE DUE TO TOP SIDE WEATHER ADVISORY. 1250 500m leaving the bottom. Normal recovery.

Pilot's Signature: Date: 9-25-17

Operations Director: Terry Kerby Date: 9.25.17