Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-334 Date: OCTOBER 2, 2017

Observer 1: NIKKI MORGAN

Affiliation: FLORIDA STATE UNIVERSITY Dive Location: SE HANCOCK

Observer 2: BEATRIZ MEJIA Latitude: 29°47.119'N

Affiliation: FLORIDA STATE UNIVERSITY Longitude: 179°02.921'E

Purpose: (Research) Training Test Time of Dive: 0832

Other: Time of Surface: 1407

Special Equipment: Time Submerged: 5:35

Cameras: MINI-ZEUS HD, ROS SD Time Thru Last Dive: 2274:04

Manipulators: ORION 7P, HYCO Total Time to Dive: 2279:39

Samplers/Sensors: 3 BIO BOXES Dive Depth: 698m

Water Depth: 698m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: 8.5°C @ 501m

Captain: MIKE HOSHLYK Visibility: VERY GOOD, 20+m

Dive Narrative: CORAL HABITAT AND BOTTOM TRAWLING IMPACT SURVEY. 0915 698m land on the bottom on a steep, sandy slope, soft with many dead bivalves. 0920 move upslope NNE toward the 500m contour. 0940 525m collect a pennatulid, HALYPTERIS at 29°47.295'N, 179°03.012'E. 0951 continue upslope to 500m. 1003 497m START transect #1 at 500m to W from 29°47.326'N, 179°03.031'E. 1021 500m END transect #1 at 29°47.417'N, 179°02.806'E. 1025 contour at 500m for about 100m. 1031 503m START transect #2 at 500m to N from 29°47.463'N, 179°02.802'E. 1048 501m END transect #2 at 29°47.778'N, 179°02.779'E. Collect samples. 1108 move upslope to 400m. 1125 400m START transect #3 from a perch in a vertical wall to S at 400m from 29°47.748'N, 179°02.863'E. 1142 END transect #3 at 29°47.455'N, 179°02.889'E. Collect a sponge sample and NARELLA. 1202 contour at 400m for about 100m. 1211 401m START transect #4 to E from 29°47.450'N, 179°02.961'E. 1228 401m END transect #4 at 29°47.309'N, 179°03.258'E. 1235 move downslope to 450m. 1247 453m START transect #5 at 450m to W from 29°47.329'N, 179°03.114'E. 1303 449m END transect #5 at 29°47.492'N, 179°02.858'E. Explore general area for remainder of dive. 1330 463m leave bottom from 29°47.619, 179°02.816E. Normal recovery.

Pilot's Signature: [signature] Date: 10-7-17

Operations Director: Terry Kerby Date: 10.8.17