Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: HOX CREMER Dive #: P4-299 Date: SEPTEMBER 7, 2016

Observer 1: SONJA ROWLEY

Affiliation: UH

Observer 2: GREG STONE

Affiliation: CONSERVATION INTERNATIONAL

Purpose: (Research) Training Test

Other:

Special Equipment:

Cameras: MINI-ZEUS HD, ROS SD

Manipulators: ORION 7P, HYCO

Samplers/Sensors: COVERED & OPEN CRATE

Support Vessel: R/V KAIMIKAI-O-KANALOA

Captain: MIKE HOCHLYK

Dive Location: MCCALL SEAMOUNT

Latitude: 18° 43.048' N

Longitude: 157° 04.948' W

Time of Dive: 0922

Time of Surface: 1546

Time Submerged: 6:24

Time Thru Last Dive: 2080:27

Total Time to Dive: 2086:51

Dive Depth: 1053

Water Depth: 1053

Water Temperature: not recorded

Visibility: GOOD, 20 m

Dive Narrative: TWO-SUB EXPLORATION DIVE, FIRST DESCENT ON MCCALL SEAMOUNT. 1023 1000m land on the bottom on a rocky, basaltic looking slope with little sedimentation. PISCES V is located about 130m to the NE. Moving upslope to NE, exploring the area below the summit plateau. 1058 935m collect a coral specimen at 18°43.032'N, 157°04.880'W. Continuing upslope in an easterly ~~direction~~ direction. Observing large dyke structures on the way. 1122 911m collect several small rock samples and a small coral at 18°42.985'N, 157°04.815'W. Continuing upslope toward P5, observing large, well developed coral colonies on the way. 1212 876m joining P5 on summit plateau at 18°42.912'N, 157°04.762'W to observe bait station. Synaphobranchid eels and small sleeper sharks are the main visitors. Moving to N to explore upper reaches of McCall seamount. 1232 878m collect two coral specimen at 18°42.989'N, 157°04.765'W. Continue downslope to NE in very impressive geological terrain. 1247 884m collect small, bamboo like coral specimen at 18°42.989'N, 157°04.733'W. Continue downslope NE. 1313 932m collect 2 corals on a substrate rock at 18°43.070'N, 157°04.647'W, 1341 1051m conduct bait station at 18°43.219'N, 157°04.495'W. Up to six small sleeper sharks* are the dominant visitors. 1430 Bait station complete. Notice a water alarm in upper battery. Decide to leave bottom at 1431. Normal recovery.

Pilot's Signature: [signature] Date: 9-29-16

Operations Director: Jerry Kerby Date: 10.17.16

*and a few Synaphobranchid eels.