Rev. 09-06-12

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-279 Date: NOVEMBER 6, 2014

Observer 1: MATT BLUTE

Affiliation: WHOI RIVL Dive Location: SOUTH OAHU ("WARD'S RIDGE")

Observer 2: CHRIS COWEN Latitude: [redacted]

Affiliation: HERZOG Longitude:

Purpose: (Research) Training Test Time of Dive: 1051

Other: DOCUMENTARY FILMING Time of Surface: 1631

Special Equipment: Time Submerged: 5:40

Cameras: MINI-ZEUS HD, 4K CINEMA DEEP WATER Time Thru Last Dive: 1959:12

Manipulators: HYDO, ORION 7P Total Time to Dive: 1964:52

Samplers/Sensors: — NONE — Dive Depth: 420 m

Water Depth: 420 m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: not recorded

Captain: DON JACK Visibility: variable

Dive Narrative: DAY ONE OF HERZOG GROUP DOCUMENTARY ON MARITIME ARTEFACTS' SOUTH OF OAHU, TWO-SUB DIVE. 1119 419m land on the bottom in a flat & sandy area with some carbonate rubble. Plan to rendezvous with P5 about 80m to NW, but then found that we landed right next to the WARD'S RIDGE. P5 arrives on site at 1041, and an extensive set of different camera angles, shots and scenes is recorded for the rest of the dive. The wreck has deteriorated further. The crack, separating the stern section from the center, has widened to about 4-5 inches. The stern is starting to "melt" into the seabed. The figure eight rope guard at the bow is now completely missing, and sections of both torpedoes can be observed through wide holes where the rope guard used to attach. 1154 leaving the bottom from 420m. Normal recovery.

Pilot's Signature: [signature] Date: 11-10-14

Operations Director: Terry Kerby Date: 11/11/14