

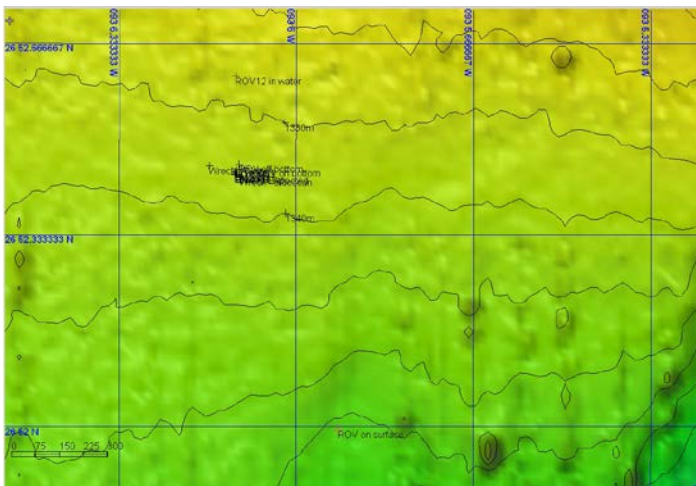


### Description of the Dive:

Site 15577 was found to be the remains of a large wooden-hulled sailing vessel sheathed in copper below the waterline as protection against marine boring organisms. Most of the wooden hull had deteriorated, leaving a copper shell retaining the form of the ship. Inside the remains of the hull was a dense concentration of artifacts relating to its use and function, and life aboard the vessel at the time of its demise. Some of the artifacts observed included two anchors resembling the Pering 1813 patent type; at least two cannon; muskets; the ship's stove; numerous bottles, including liquor, wine, medicine, and food storage bottles; dinnerware including plates, platters and cups; a large number of storage jars; and navigational instruments such as an octant, a spyglass, a compass binnacle, and numerous sand clocks. Most of the artifacts are remarkable for their state of preservation, including several plates that appear to be English green shell-edged pearlware, which enjoyed its greatest popularity between 1802 and 1832. What appeared to be masts in the sidescan image are most likely shadows cast by concentrations of artifacts within the hull, although the area of the wreck away from the hull was not examined in detail due to time constraints. However, one of the mast trucks was found some 20 meters outboard of the hull. The shipwreck was determined to be of National Register significance. Further analysis of the video is expected to yield additional results and observations.

Biology was sparse on the wreck due to the copper sheathing, but there were several venus flytrap and other anemones on artifacts and on the apparent lead sheathing coating both bow and stern keel lines. The exposed portions of the keel were also covered in hydroids. There was a lone vestimentiferan tubeworm on sediment filling the inside of the wreck. It is possible that organic enrichment from decaying wood and/or unknown cargo created a reducing environment in the sediment, allowing the tubeworm to live there.

Overall Map of ROV Dive Area



Close-up Map of Main Dive Site



### Representative Photos of the Dive



Much of the ship's equipment remained inside the hull, including cannons, the ship's stove, navigational instruments and anchors. A cannon, anchor and the wheel of a gun carriage are visible in the image above.

A variety of artifacts inside the ship's hull relates either to daily life on board or the ship's cargo. These artifacts included ceramic plates, platters and bowls, along with glass liquor, wine, medicine and food storage bottles of many shapes and colors (some with the contents still sealed inside).

**Please direct inquiries to:**

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