



### 3000-Ton Gunboat Plan from 1861 Proposal

The original plan, approximately 2½ x 5 feet in size, is part of William Louis Winans' 1861 proposal to the Russian navy for two spindle-hulled armored gunboats. The original is somewhat stained and faded but the details are clearly discernable. The reproduction is based on a number of digital photos of the plan, which is mounted under glass, and a professional line scan with only limited cross-reference to proposal text.

### Traced drawing

This document was created using CorelDraw by tracing the composite photo reproduction. The uneven resolution of the original photos and the degradation of detail introduced in the rectification and composition process necessitated a certain amount of "interpretation" to produce the result. The final product was retraced against a line scan of the original.

[Access to the original 1861 material was courtesy of the Winans family.](#)

*The 25 July/6 August double date in the plan caption reflects the Julian-Gregorian calendar difference.*