

A builder's yard style scale model of "SY IOLANDA" of 1908

The proposal

The model will be constructed to depict SY Iolanda as designed by Cox & King and built by Ramage & Ferguson (Yard No 214)

The model will reflect the image portrayed of the vessel at sea that you supplied. The ships drafts have been located and we are waiting for further details to identify the general arrangement, lines, sections and rigging plan.

The ships dimensions were:

Length overall: 318 ft.

Length at water line: 257.2 ft

Beam: 37.5 ft

Gros Tonnage: 1,647

The model will be built to a scale of 1/8" to the foot (1/96). This would have been the usual scale for a shipbuilder's boardroom display model.

The model to be painted in the finish as shown in the illustration supplied and completed to exhibition standard. It will be a full hull model mounted on two turned brass and silver- plated pillars on a timber base board.

The proposed model's uncased dimensions would be:

Length overall: 39.75 inches

Length at waterline: 34.4 inches

Beam: 4.9 inches

Materials

As with previous projects I propose to use natural materials in the model's construction.

Lime / Bass wood would be the principle timber employed along with birch ply.

Natural fibers would be used for the rigging with stainless steel multi strand to represent cables.

Small fittings would be cast, constructed / machined in brass

PVA adhesives would be the primary adhesive.

All paints used would be oil based.

Proposed construction method

The process to be employed will be the same as those used by the model makers in the shipyards by raising the hull on a series of timber boards fixed bread and butter fashion screwed and glued. This is then hand crafted to the specific sectional and sheer details required.

The superstructure elements are cut from timber in block form. The deck fittings are to be fabricated or cast in brass, copper, include cargo winches, anchors, steering gear, capstans, ventilators, lifeboats, windlass, ships rails and portlights.

All painted surfaces will have a minimum of four coats, cut back between coats and sealed with a coat of varnish.

To follow the style of the builder's model, the metal fittings (ventilators, ships rails, ladders, stairs and bollards) will be silvered, gilded, or copper plated and sealed with lacquer.

Proposed timetable

The project could be completed in eight months dependent on current commitments. There would be a review mid project showing work to date.

Project costing. Exchange rates can change 1.00 sterling = \$ 1.45. Jan. 26, 2018

The total cost for the construction is estimated at between \$ 30,000 - 35,000 with an initial deposit of \$ 10,000.00 Followed by 2 further payments each of approx. \$ 10,000, one due half- way through the project and the balance due on completion prior to shipping.

This cost does not include the production of a display case or the final crating and delivery.

A brass bound case would be our recommendation cost \$ 2500

Crating and shipping by air to Dania, Florida cost \$ 1500

Total cost of model with case, professional crating and shipping shall be \$ 34,000 - \$ 36,000 plus insurance 2% of total and customs duty.

A photographic record of the construction stages for the project shall be kept. These will be sent as the stages progress.