

Les Deux Frères Castagnola Le Leudo 1913

Monograph at 1/24th

*The document includes all the plans
of the timber structure*

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Translated by Gilles Korent

The leudo represents an evolution of the «liuto», or «lembo», two-masted vessels from the middle-ages, rigged with forward-raked masts topped with Mediterranean mast-caps. The development of the jib brought about the disappearance of the trinquet (foremast) and a increased rake of the mainmast. The geographical origin of the leudo is Catalonia and it was even for a time called a “catalzno” by sailors from Liguria. The leudo was a ship-of-all-trades, used as a commercial trading vessel for the transportation of various products. As a fishing boat, often alternating according to the season or to the local economy.

It had however, three main areas of activity that resulted in a

particular Italian designation for each form of leudo whose shape varied depending upon its use.

The Two Castagnola brothers' leudo built at Lavagna in 1913 was a wine-carrier. It carried wine in barrels and other containers that were stowed either in the hold or on deck. It was a “barancelle de transport” drawing 14.14 tons, 15 m long and with a maximum breadth of 4.68 m outside planking at deck level, and 1.55 m of depth-in-hold. Iconographic records consist among other things, of documents and manuscripts. Historical and graphical documentation has been used to draw every detail of the timber structure.

A hard-board box with flaps contains a 100-page booklet with more than 250 photographs and drawings, in color when available.

A 20-page chapter explaining in detail, the construction of the rigging. The monograph includes the 11 plates necessary for the construction of the timber structure.

COMPOSITION OF THE MONOGRAPH

A cardboard folder with flaps including a 100-page brochure with more than 250 color photos or drawings when available. A 20-page chapter explains in detail the construction of the mast. The monograph contains the 11 boards necessary for the construction of the frame.

LIST OF CHAPTERS

- I The story of the Castagnola family, 1913
- II History of the leudo
- III Leudo plans by Sergio Spina
- IV Salvaging the Leudo “Due Fratelli Castagnola”

- V The leudo and its origins
- VI Construction of the last leudo, the *Leonidas*, 2004
- VII Construction details of the Ligurian leudo
- VIII Monograph. Description of the plates
- IX Masting

LIST OF PLATES

- 1 Lateral schematic view, as well as plan view and elevation of the bow and stern including the waterlines.
- 2 Plan and lateral view on the longitudinal and transversal framing.

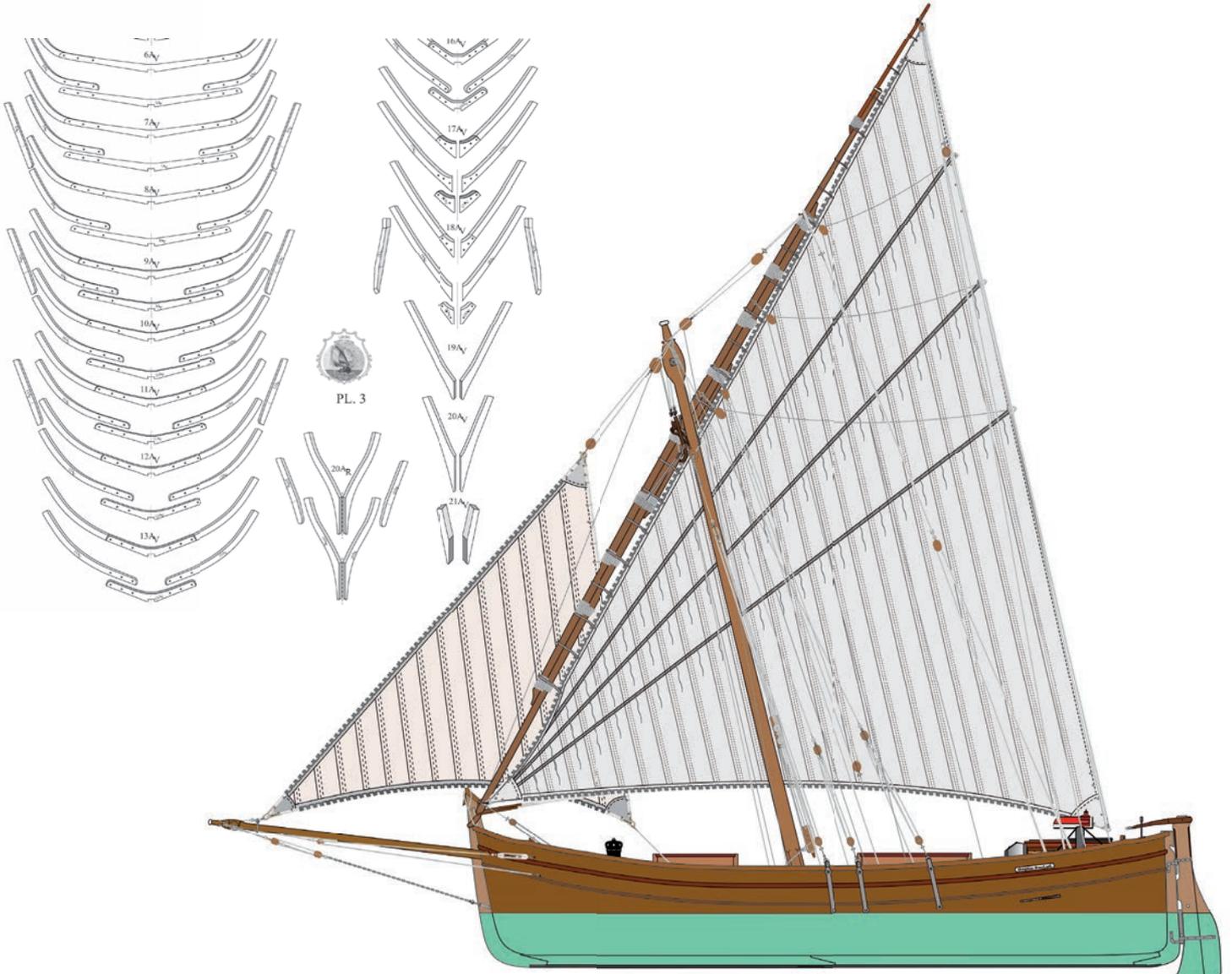
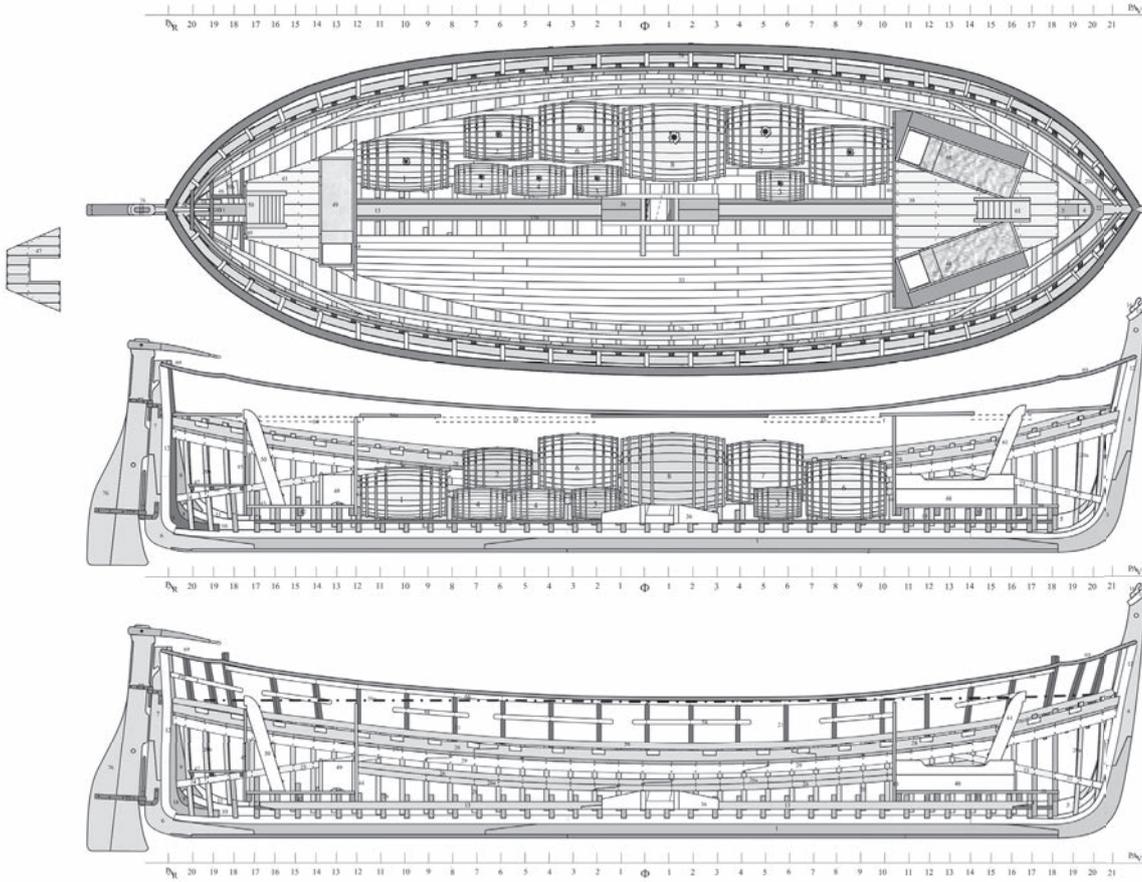
- 3 Full pattern of the frames once assembled.
- 4 View of the completed framing
- 5 View of the completed framing from the side and in plan view.
- 6 Cut views.
- 7 Complete view of the framing: profile and plan view.
- 7 Fitting-out the deck.
- 8 Detailed view of all the fittings.
- 9 Sails.
- 10 Mast, Yard and blocks, completed hull.
- 11 Lateral view of the vessel under sail, belaying points.

Image excerpts



GREE MODEL			HULL ONLY		
Length	Width	Height	Length	Width	Height
90	22	87	60	22	16

Excerpts from the boards



PL. 5
1-72