

# THE SHIP'S LONGBOAT

1680-1780

A 1/24 scale monograph

The work includes all framing plans

Jean-Claude Lemineur

ANCRE publishers wished to fill this need by offering to interested fans a study which, without being exhaustive, covered all aspects of the subject. The study proposed by J-C. Lemineur is centered on a 36-foot *longboat*. This length is that of a master *longboat* arming first-rate vessels in the 17<sup>th</sup> century, such as l'*Ambitieux* of 1680, but also 18<sup>th</sup> century 74-gun ships whose dimensions had increased over the years. A lack of evolution resulted in its preserving its structural characteristics over a period from 1680 to about 1780.

The boat's construction and the details of the framing are described in the book, as well as the four different types of rigging used in the French Royal Navy: the square rig, the lug rig, spritsail rig, and lateen rig.

It is shown both under sail and under oars, or as a ceremonial boat. It may be configured at will according to anybody's taste and may lead to many different personalized models.

The present monograph provides descriptions about anchor handling by *longboat*, in particular anchoring and moving second bower anchors, and finally their loading aboard ship and their launching.

The text is complemented by six 3-dimensional illustrations showing these maneuvers, something that will help modelers design dioramas. Chapter 4 adds a thoroughly commented photographic coverage of the start of the construction and the early steps in the construction of a model by two modelers, each describing a different method for the frame construction.

It is possible to build the model at three different scales: 1/24, 1/36 (plates in the pamphlet and one 23x92 cm plate) and 1/48 (plates in the pamphlet).

## ORGANIZATION OF THE BOOK

### I. GENERAL

- The role and physical aspect of longboats
- The role and physical aspect of small boats
- Number of thwarts according to length
- Boat allotment on ships of the French Royal Navy
- Types of rig on ships' boats
- Square rig, lug rig, spritsail rig, lateen rig.
- Tables
- Boat length according to ships rates
- Boat length according to ships hull lines
- Number of thwarts, masts and rowing style according to length
- Boat allotment on ships of the French Royal Navy
- Dimensions of masts and yards according to rig type

### II Explanations of the 15 plates (plates reduced to the 1/38 and 1/48 scales)

#### LIST OF 1/24-SCALE PLANS

- Pl. 1 Schematic lines plan
- Pl. 2 Elevation view - plan view - body plans
- Pl. 3 Longitudinal section - plan view - body plan
- Pl. 4 Perspective view detailing the assembly of the stem and stern to the keel
- Pl. 5 Profile of forward frames
- Pl. 6 Profile of after frames
- Pl. 7 Square rig (92x61 cm)

### III Handling of the anchors and of the longboat

- Anchoring
- Loading the hawser and the second bower anchor prior to anchoring
- Loading and carrying the kedge anchor
- The longboat is hauled to the second bower anchor site
- The longboat returns with the kedge anchor
- Dragging and lifting the second bower anchor
- Hoisting and launching the longboat
- Rigging to support the yards

### IV Photo coverage

- Start of construction of a model according to Henri Defresne's method
- Start of construction of a model according to Franco Fissore's method

| RIGGED MODEL |       |        | HULL ALONE |       |        |
|--------------|-------|--------|------------|-------|--------|
| Length       | Width | Height | Length     | Width | Height |
| 140          | 70    | 110    | 101        | 24    | 22     |

## Photos

Centimeters

Henri Defresne's model (mold method)



Franco Fissore's model (classic method)



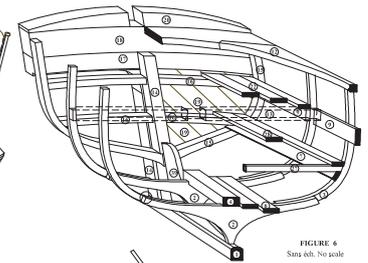
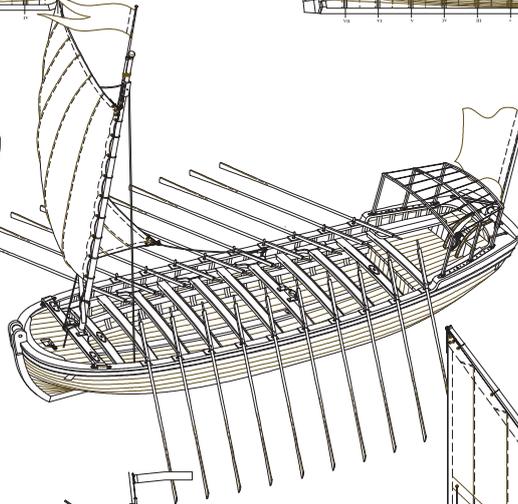
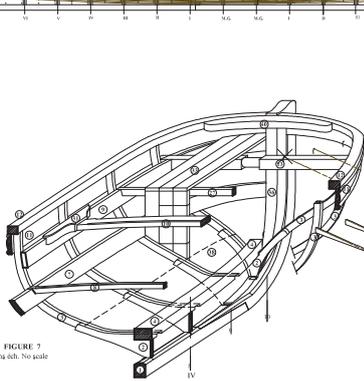
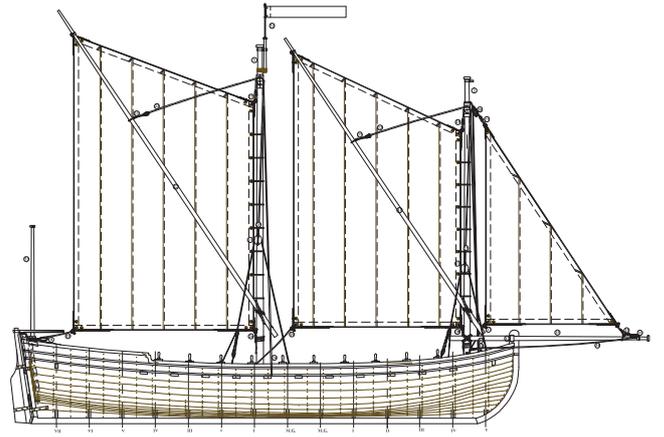
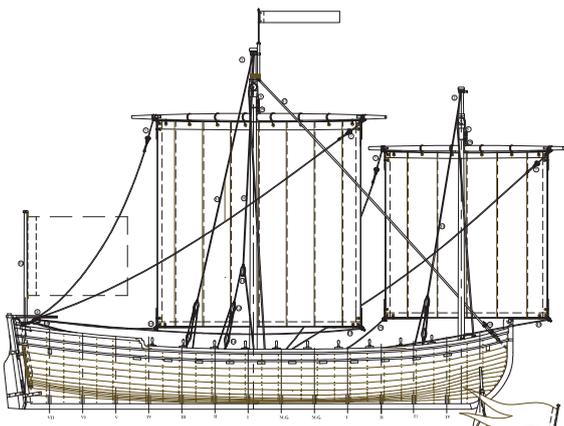


FIGURE 7  
Starboard. No scale

FIGURE 8  
Starboard. No scale

