



LA BELLE-POULE

12-PDR FRIGATE 1765

A study of 12-pdr frigate & monograph

by engineer GUIGNACE

In France, the renaissance of the French military navy at the time of the American War of Independence was preceded by a great deal of research in the field of naval architecture and artillery.

The 12-pdr frigate is the direct result of this effort. 104 such ships were built between 1748 and 1798. The 12-pdr frigate is the typical ship of the American Revolutionary War, subsequently the 18-pdr will take its place during the wars of the First Empire.

There were many 12-pdr frigates from which to choose, but the *Belle-Poule* was the obvious choice since she distinguished her-

self along with the lugger *Le Coureur*, as the first ship to be involved in combat action on 17 June 1778 during the Revolutionary Wars. The direct account of this battle by the parties involved will give readers an immediate feel for the period.

History buffs and ship's model builders alike will be captivated by this narrative that documents an actual artillery duel between two ships of comparable strength.

COMPOSITION OF THE MONOGRAPH

117 pages
booklet,
24x31cm format,
including:

- The history of the 12-pdr frigate
- Comparative plans of several frigates
- Interior accommodation of the frigate
- Protection of the underwater hull
- Monograph of the Belle Poule
- Construction
- Artillery
- History
- Technical commentary on the plates

Set of 22 plates
at 1:48 scale
including:

- 1 Schematic view
- 2 Horizontal sections
- 3 Vertical sections
- 4 Building the bow and the stern
- 5 Plan of the ship's battery
- 6 Plan of the forecastle and quarterdeck
- 7 View of the hull
- 8 View of the bow and stern
- 9 Cross-sections
- 10 Longitudinal section
- 11-12 Fittings
- 13 Coppering
- 14 Mastig components
- 15 Mast fittings
- 16 Foremast square sails
- 17 Mainmast Square sails
- 18 Mizzenmast Square sails
- 19 Fore-and-aft sails
- 20 The ship under full sail at 1:72 scale
- 21 Belaying plan
- 22 Schematic view at 1:72 scale

Some photos



MODEL RIGGED			HULL		
Lenght	Width	Height	Lenght	Width	Height
140	70	104	101	24	22

cm.

A plate

