

National Maritime Museum A.A.M.M. and Modeling in France

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www.shipmodelersassociation.org



www.nhnm.org

NATIONAL MARITIME MUSEUM
A.A.M.M.
AND
MODELING IN FRANCE

History, organisation and performances

Naval Modeling in France

190 F.F.M.N. affiliated clubs

4 000 members

10 000 independants

5% are AAMM members



Musée national de la Marine (National Maritime Museum)

- The Most important collection of original scale models since 1748 covering three centuries of naval construction,
- A library offering 25 000 volumes related to all aspects of maritime history naval construction
- An iconographical stock of 150 000 documents

MnM in Paris



Short story of the museum

- Founded in 1748 with the collection of naval and arsenal machinery models by Louis Henri Duhamel du Monceau General inspector in the french Navy.
- First located in Louvre.

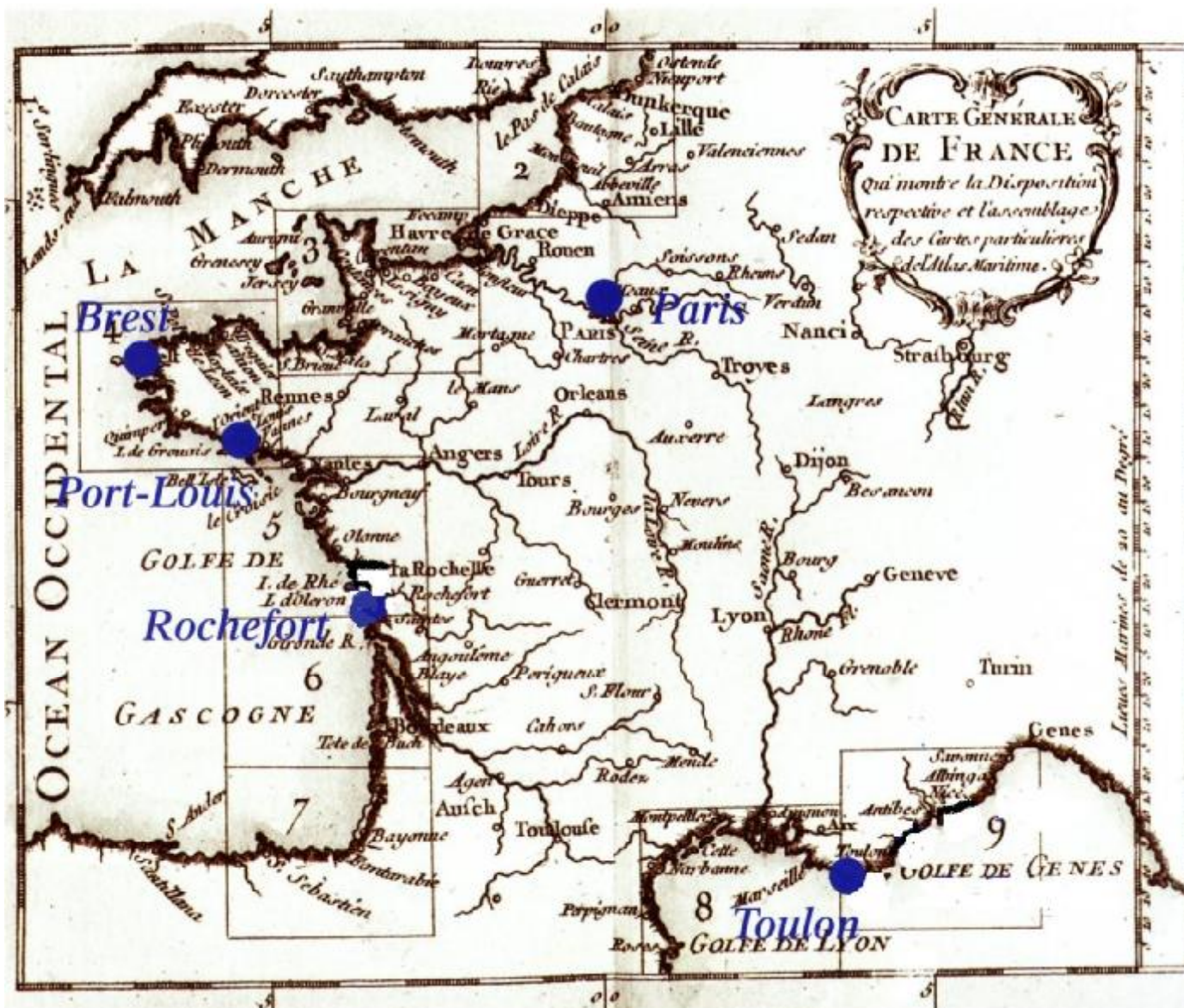
Closed during the french revolution.

Reopened in 1827 by the king Charles X.

- Moving to the palais de Chaillot in 1943.

• since 1971 public establishment under the tutelage of the ministry of defense and ministry of culture. This organisation includes The main museum in Paris and five satellite museums located in the provinces

MnM location



Association des amis du Musée national de la Marine (AAMM)

- Founded in 1930 as a voluntary organization

Aim :

- To promote the museum
- To participate to its activity
- To help the enrichment of its collections
- To develop the general maritime knowledge
- To publish NEPTUNIA
- To support the « arsenal modeling » and its related educational activity

Exemple of a model offered to the MnM in 2010

The « moulin Hubert »



Organisation

1300 members

60% of those are modelers

Most are independant

A few belongs to a local club

8 delegations covering France as the whole

(Paris, Cherbourg, Brest, Rochefort, Dijon, Lyon, Toulon, Toulouse)

Affiliated to F.F.M.N.

Service center at the head office

Monography service (30 are available for sale)

Neptunia

Contact with european similar associations

Belgium, Italy, Russia, Spain,

AAMM's modeling Philosophy

Deeply investigate « arsenal » and didactic modeling

When you spend 2/3 000 hours building a model, it does not cost more to do the job the most accurately as you can. Be strict on the sources, use the most performing tools,

It does not cost much time to extend the modeling as a way to restore the maritime story and the constitution of a ship.

If you develop a new technic don't keep it for yourself only, but teach it to other members

The aim of the modelers inside AAMM

- To respond the demand from the MnM

In 2009 a rope factory model was offered to the Toulon satellite establishment

In 2010/11 a model of a tide gate used in the dock at Rochefort arsenal has been completed

In 2011/12 a project concerns the building of two models of the cruiser *Foudre*

- To restore private model on request
- To help the modelers from everywhere to built accurate models.
- To provide the modelers with referenced monographies
- To advise the enthousiasts, using the correct sources of the MnM and proper method.

Conferences are proposed at the MnM each Monday on a subject generally related to modeling.
Private display of the models in progress, every three months

Modelers main activity

90% is devoted to scratch building using existing monography

7% build a scratch model using original historic document*

3% have a speciality as model in a bottle, ivory or bein model, figurehead, diorama

Less than 1% build or improve an existing commercial kit

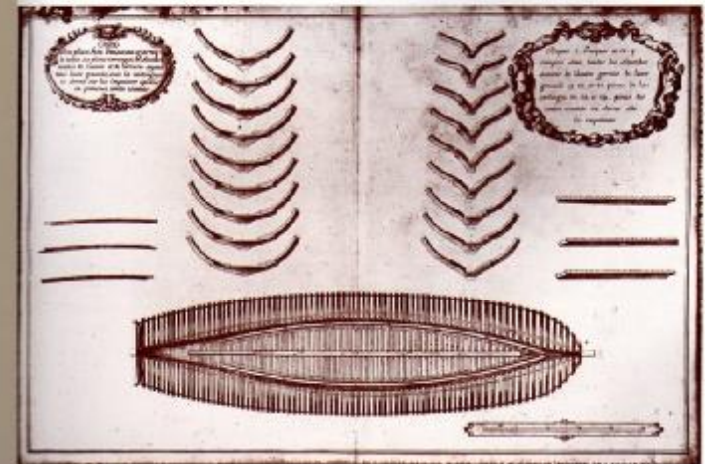
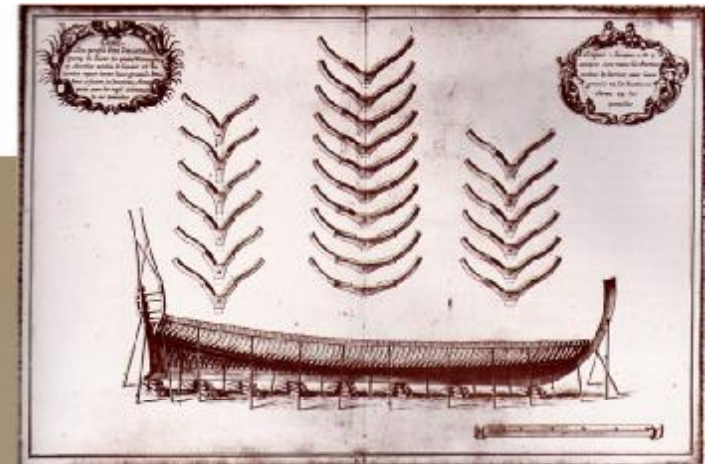
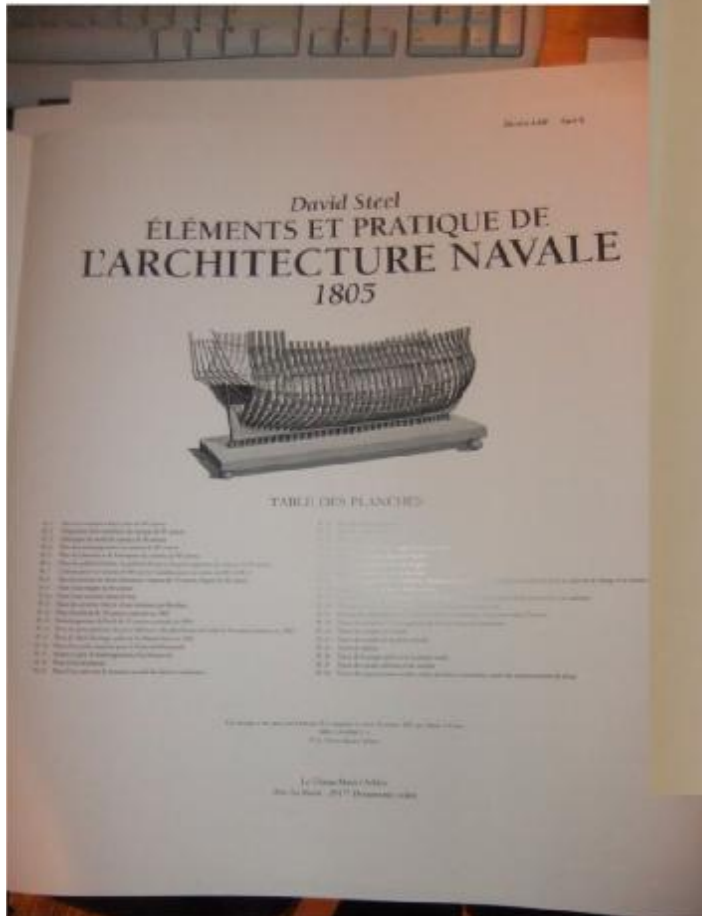
*Some of them realises a true monography where the model is finaly only an illustration.

AAMM's Modeling

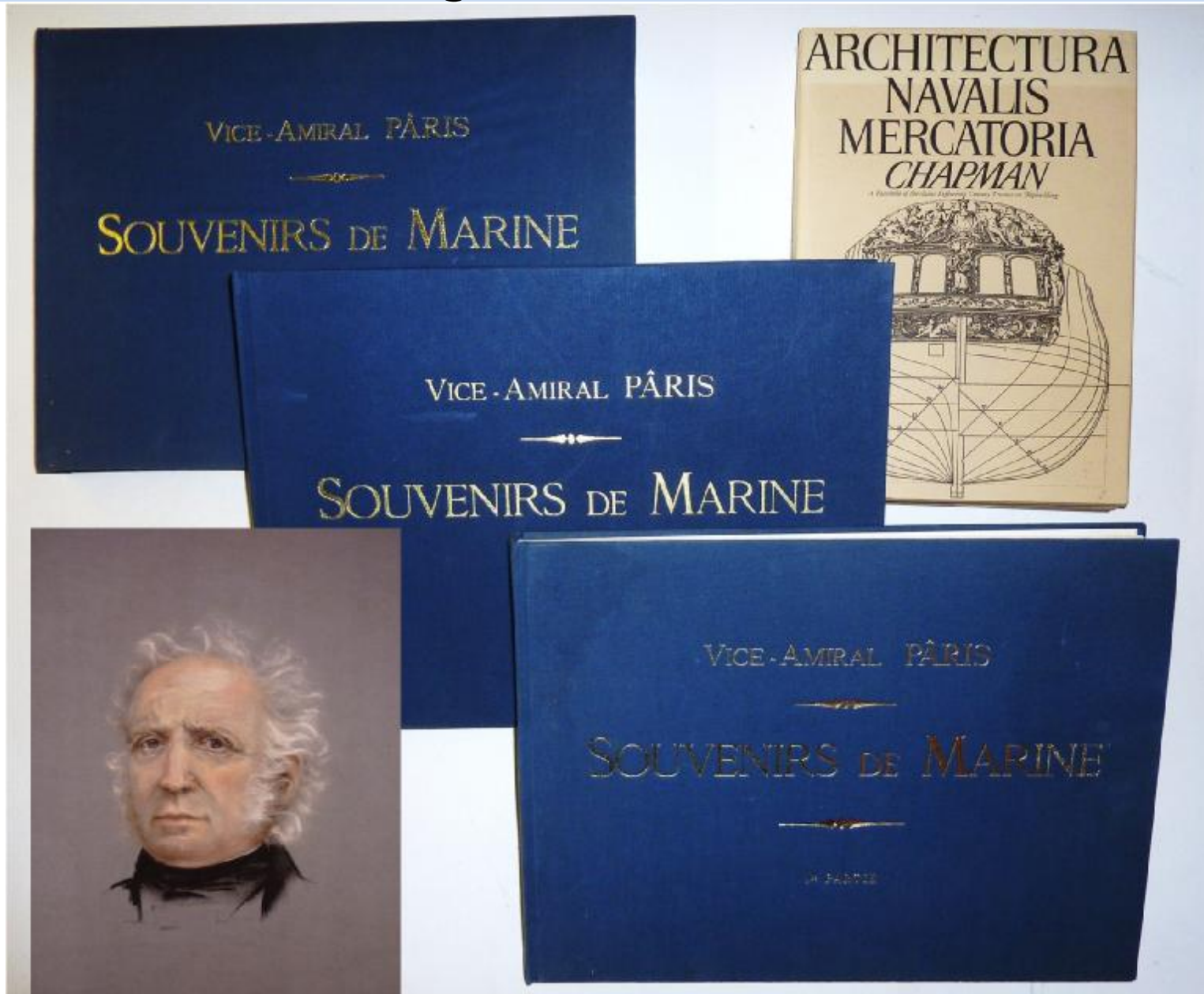
sources

- Maritime publication
- Models on display at the MnM
 - Library of the MnM
 - SHD (service historique de la Defense)
- Specialised publication (J. Boudriot G. Delacroix, etc.)

Original sources

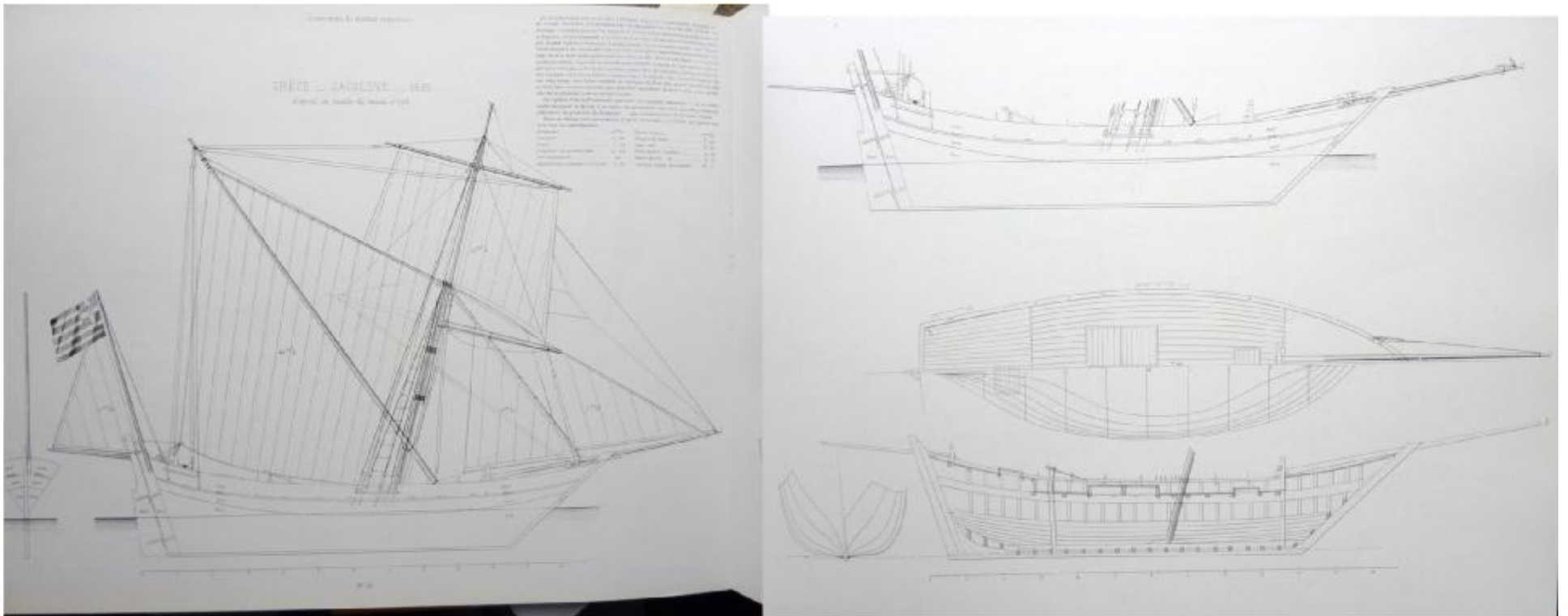


Original sources



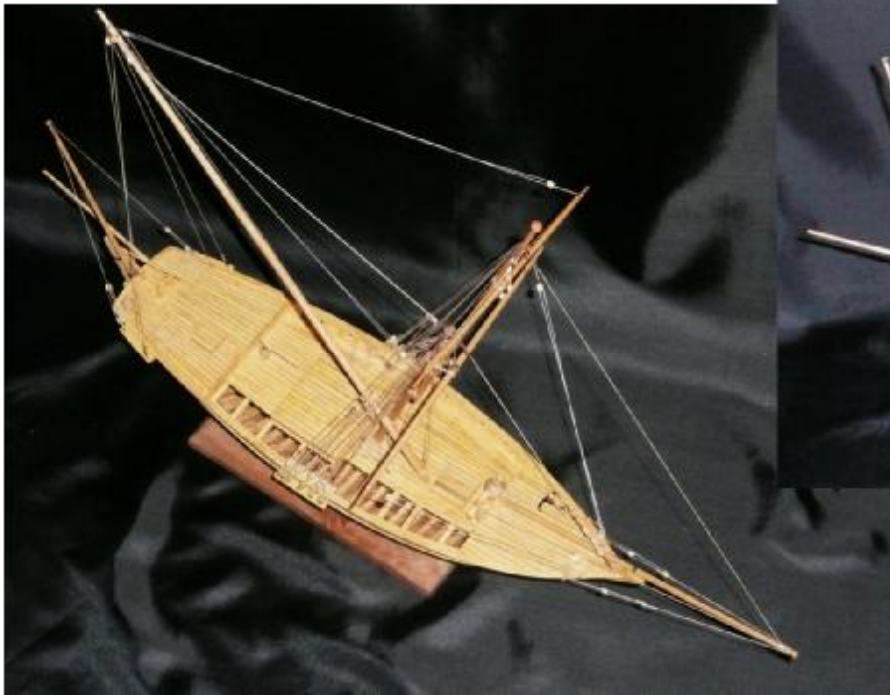
Exemple of Drawing from «Souvenir de Marine Conservés »

Greek sacoleva

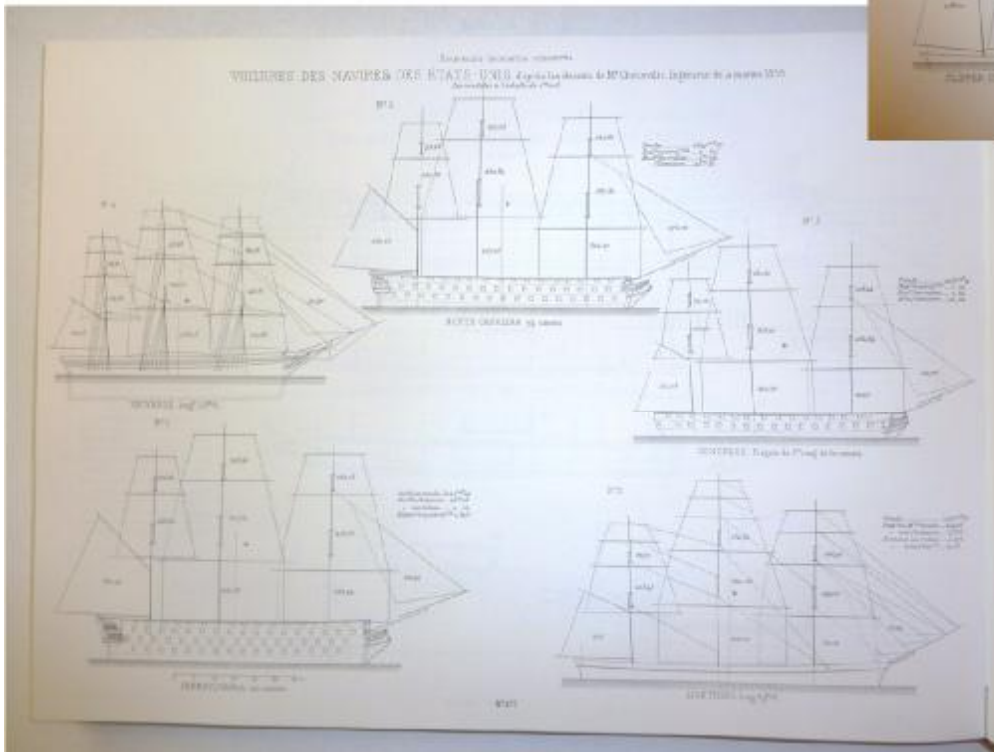
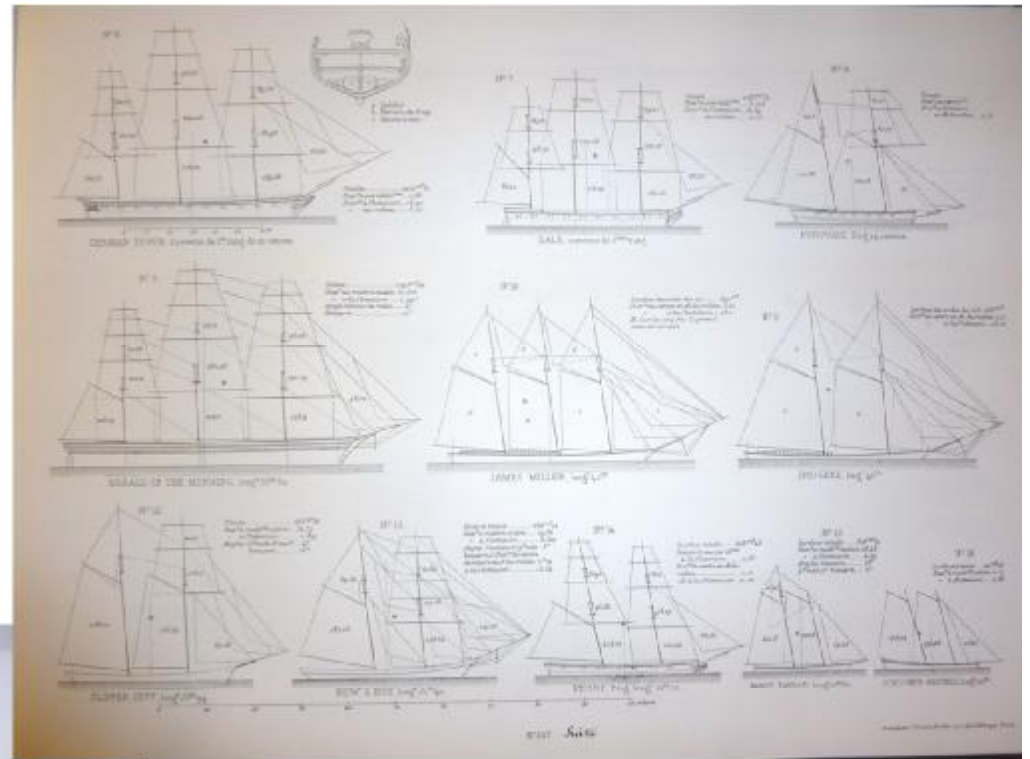


Most of the inshore craft were built without any design only by experience of shipwright transmitted from generation to generation. The Adm. Pâris drawings are the only way to know how they were built and used

Model of a Sacoleva using drawing of adm. Pâris

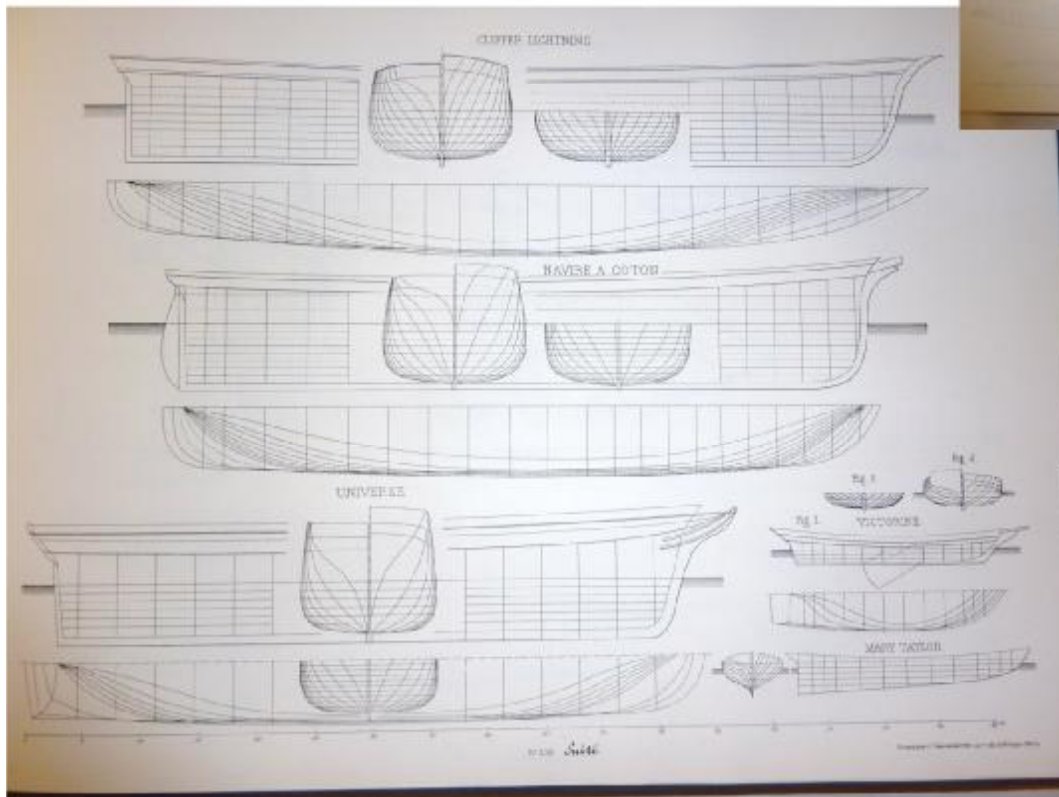
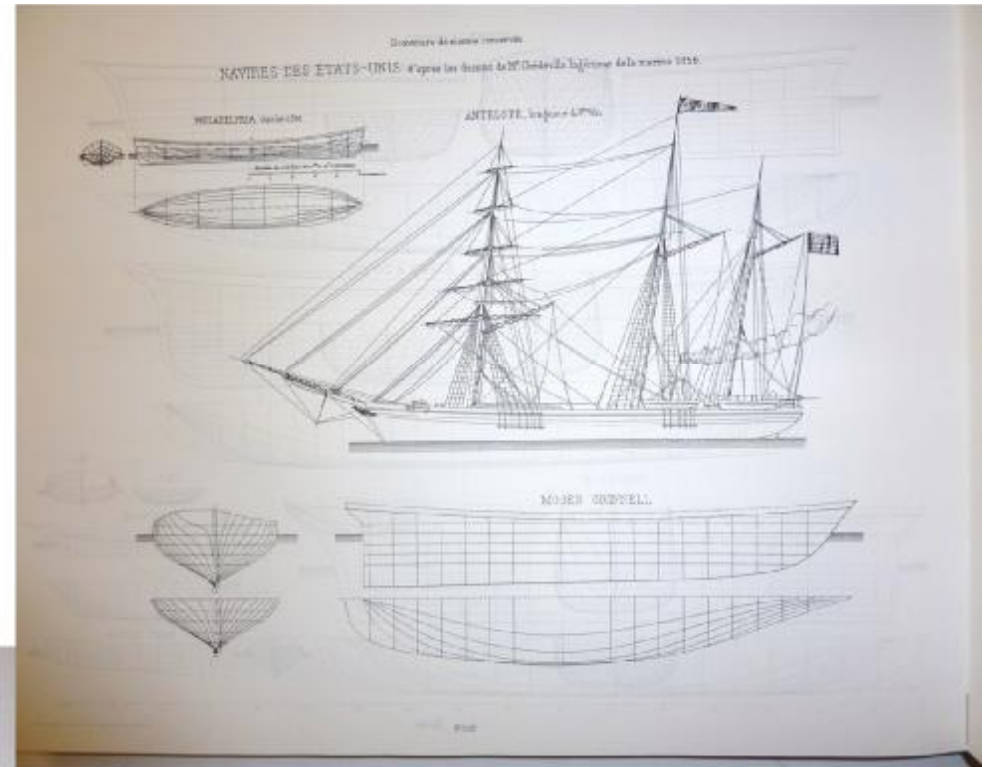


Admiral Pâris collection



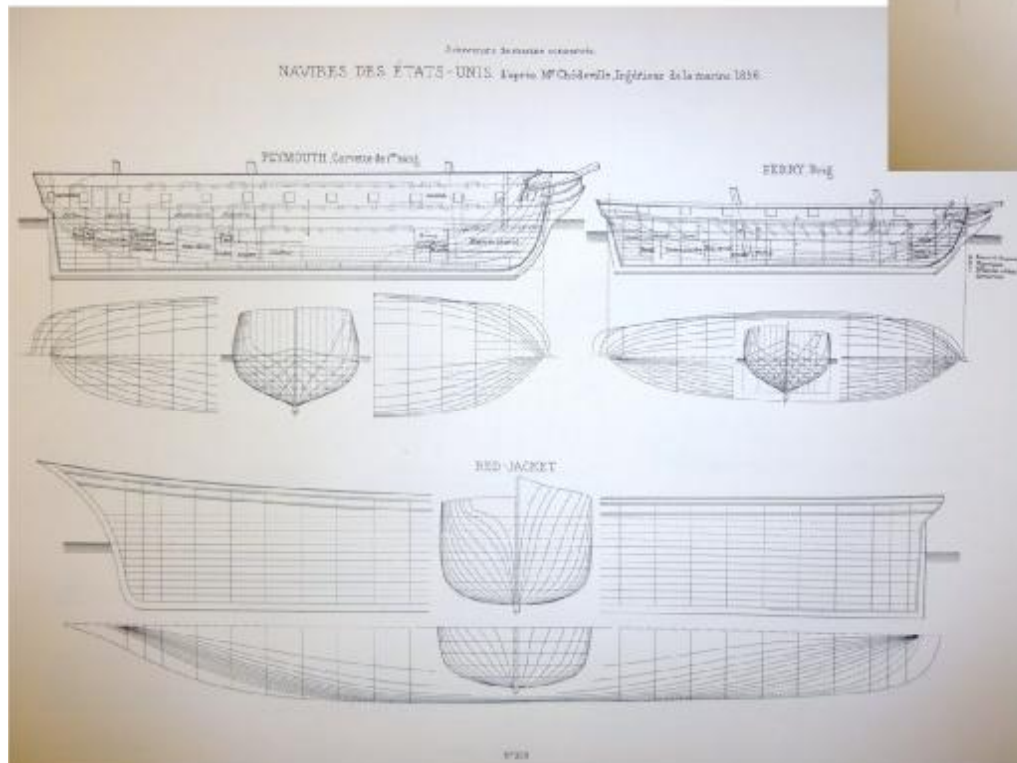
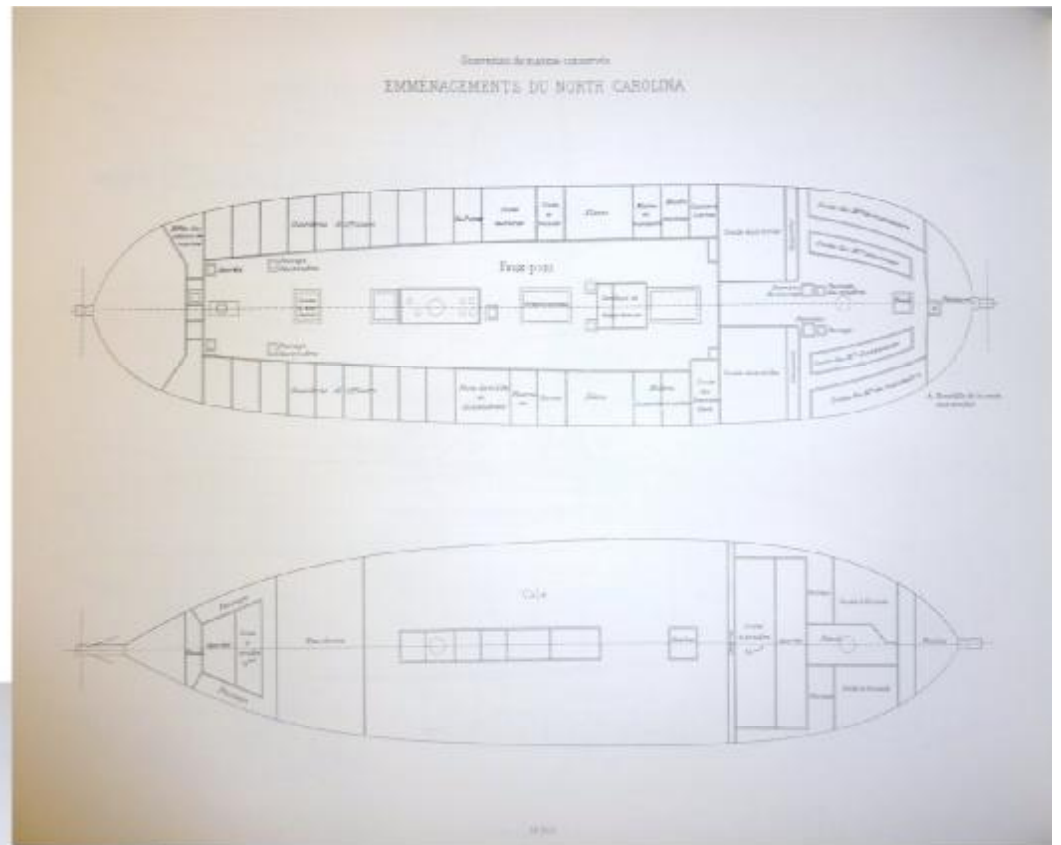
USA drawings 1

Admiral Pâris collection



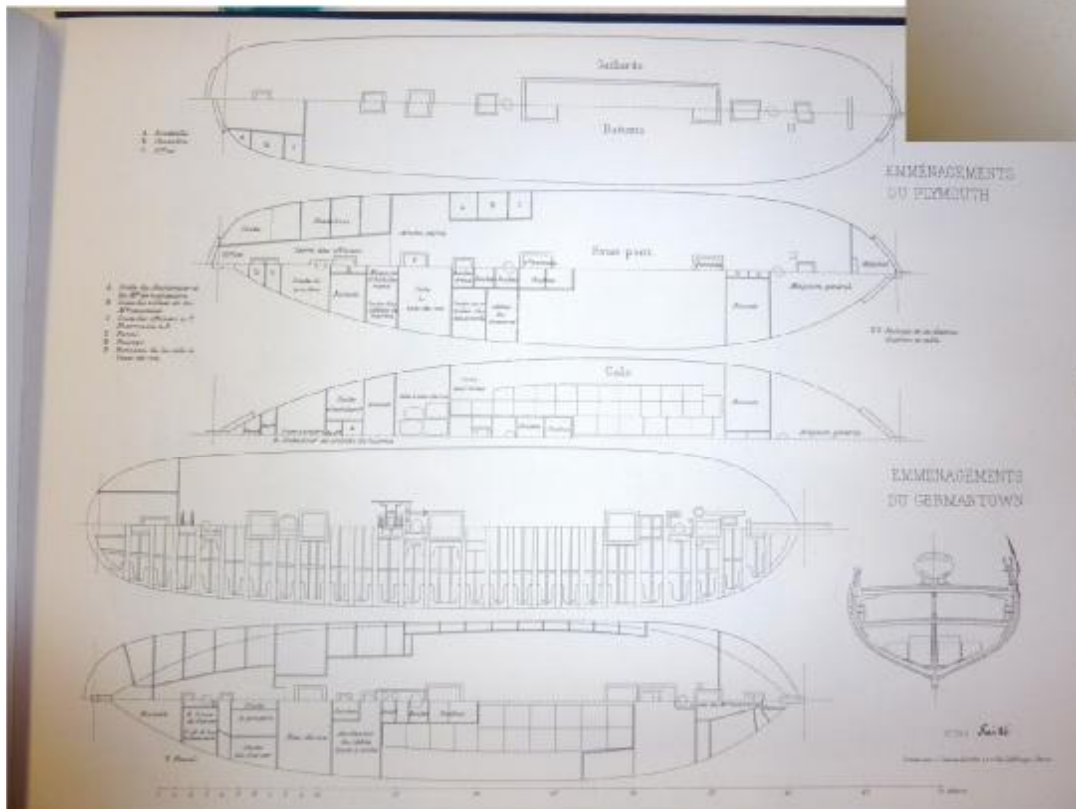
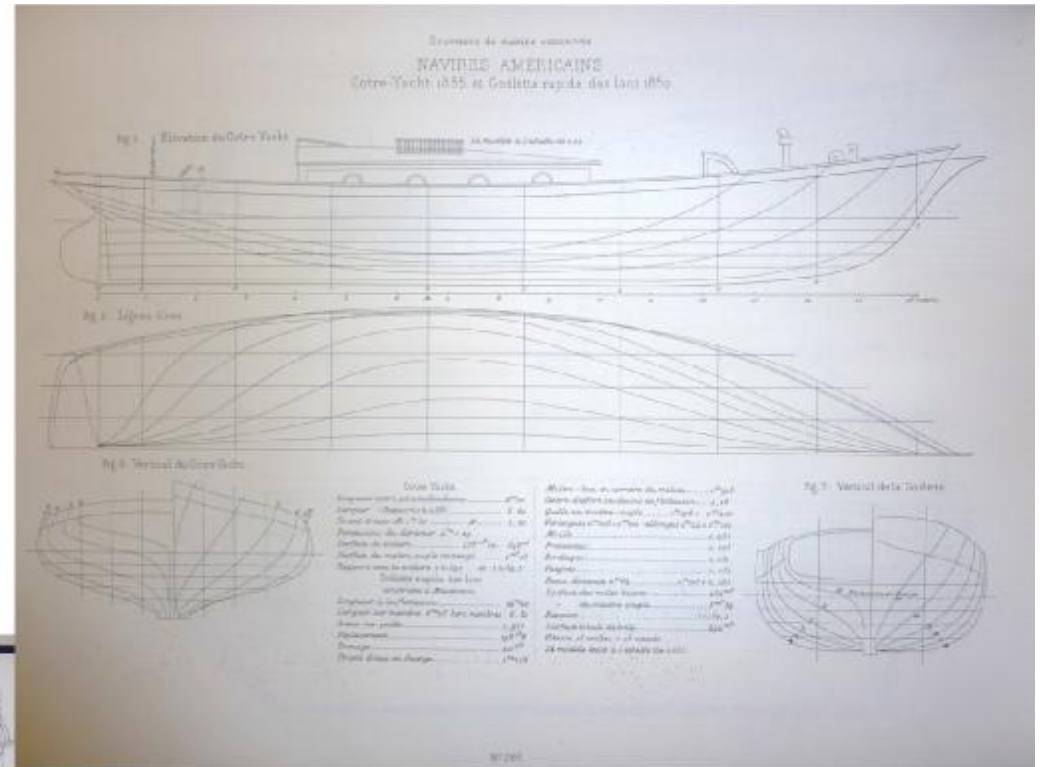
USA drawings 3

Admiral Pâris collection



USA drawings

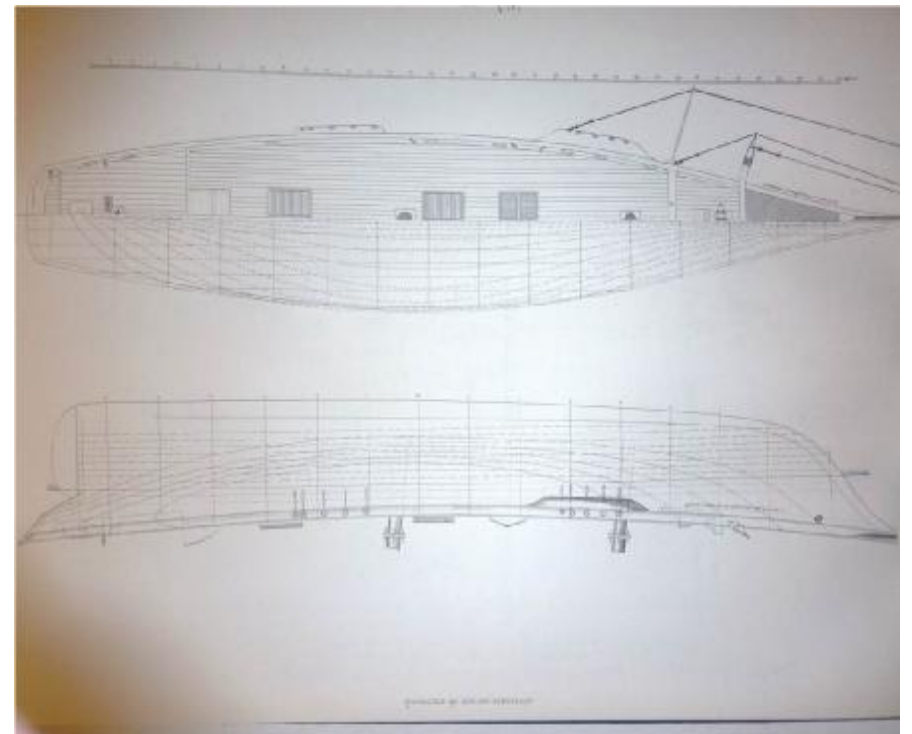
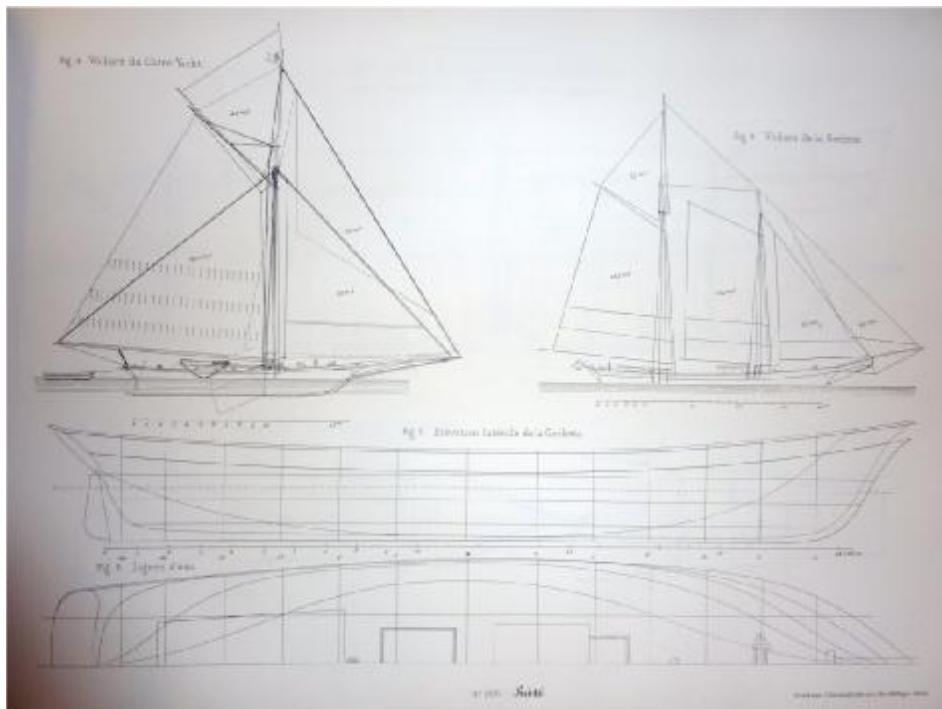
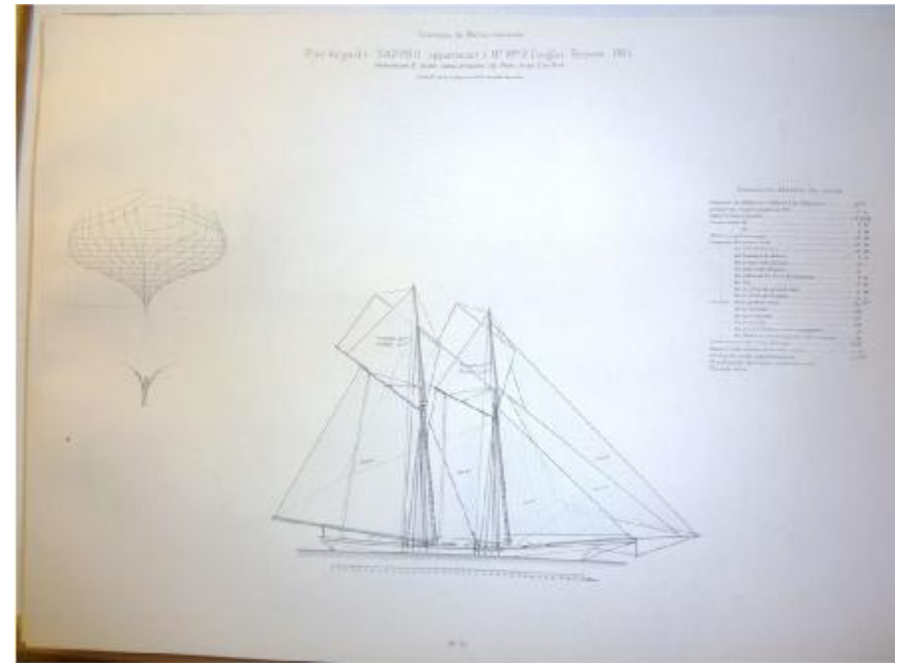
Admiral Pâris collection



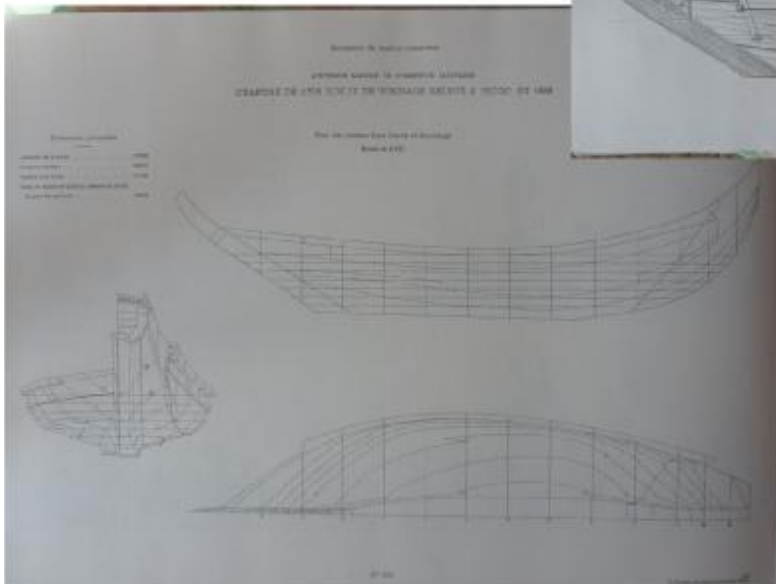
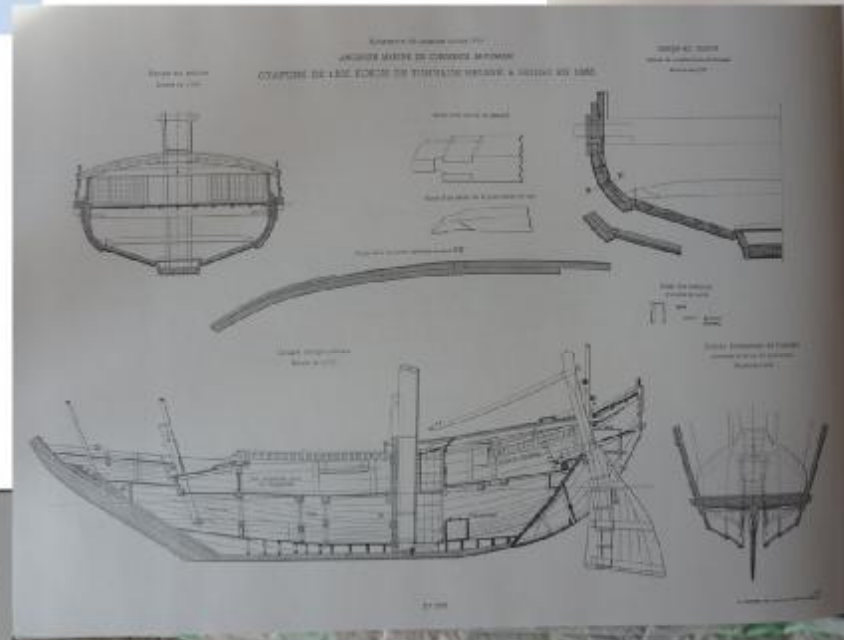
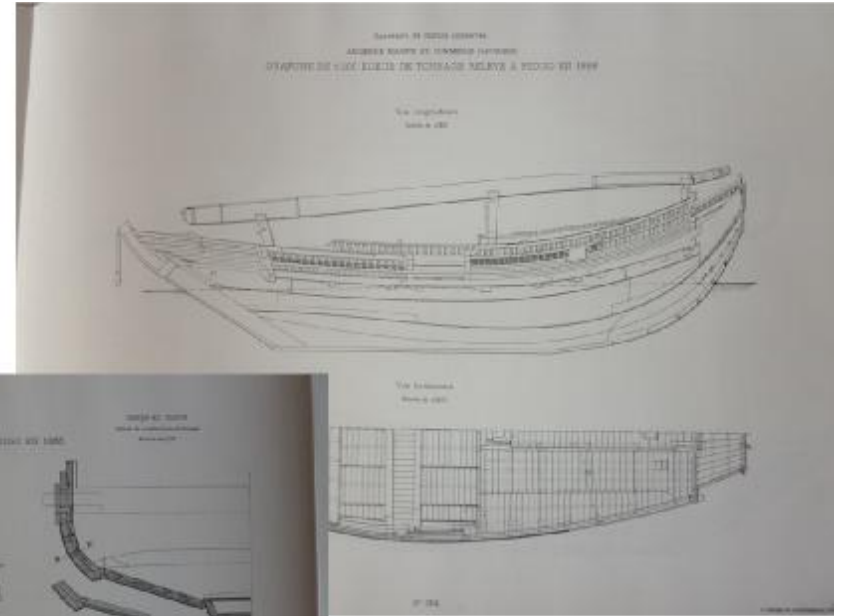
USA drawings

Admiral Pâris collection

USA drawings



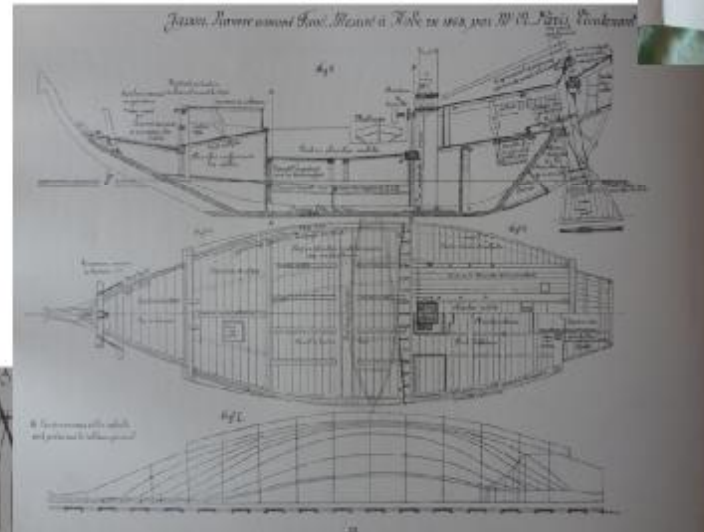
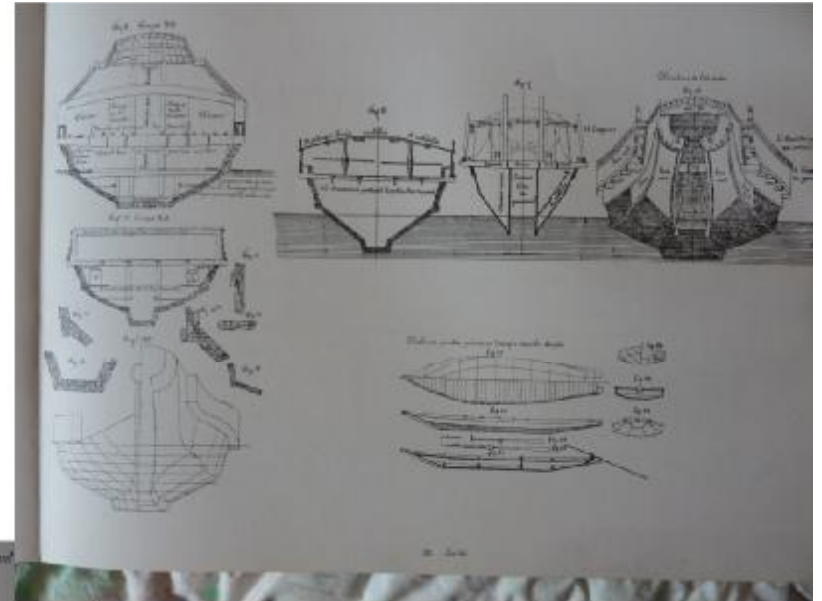
Admiral Pâris collection



Japanese drawings

A 1 500 Kokus Oyafuné from Yogo 1888

Admiral Pâris collection



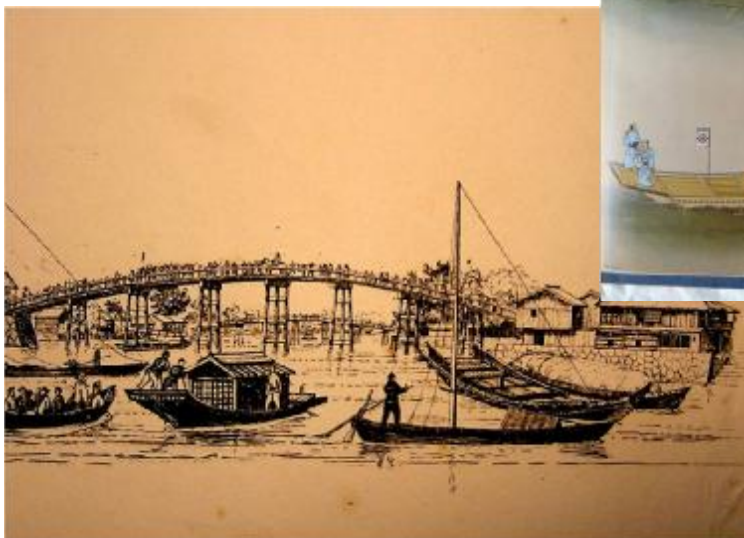
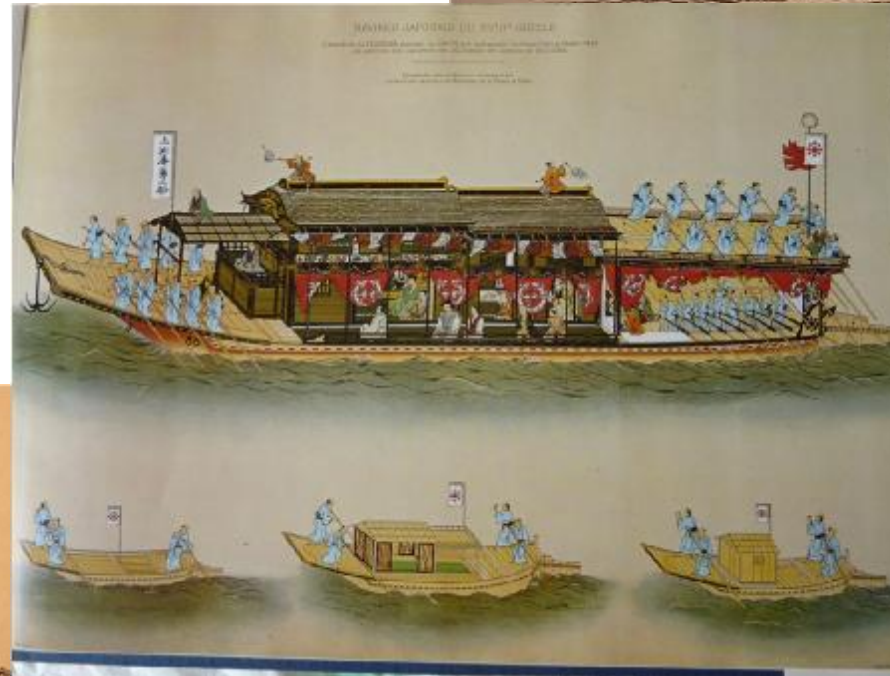
Japanese drawings



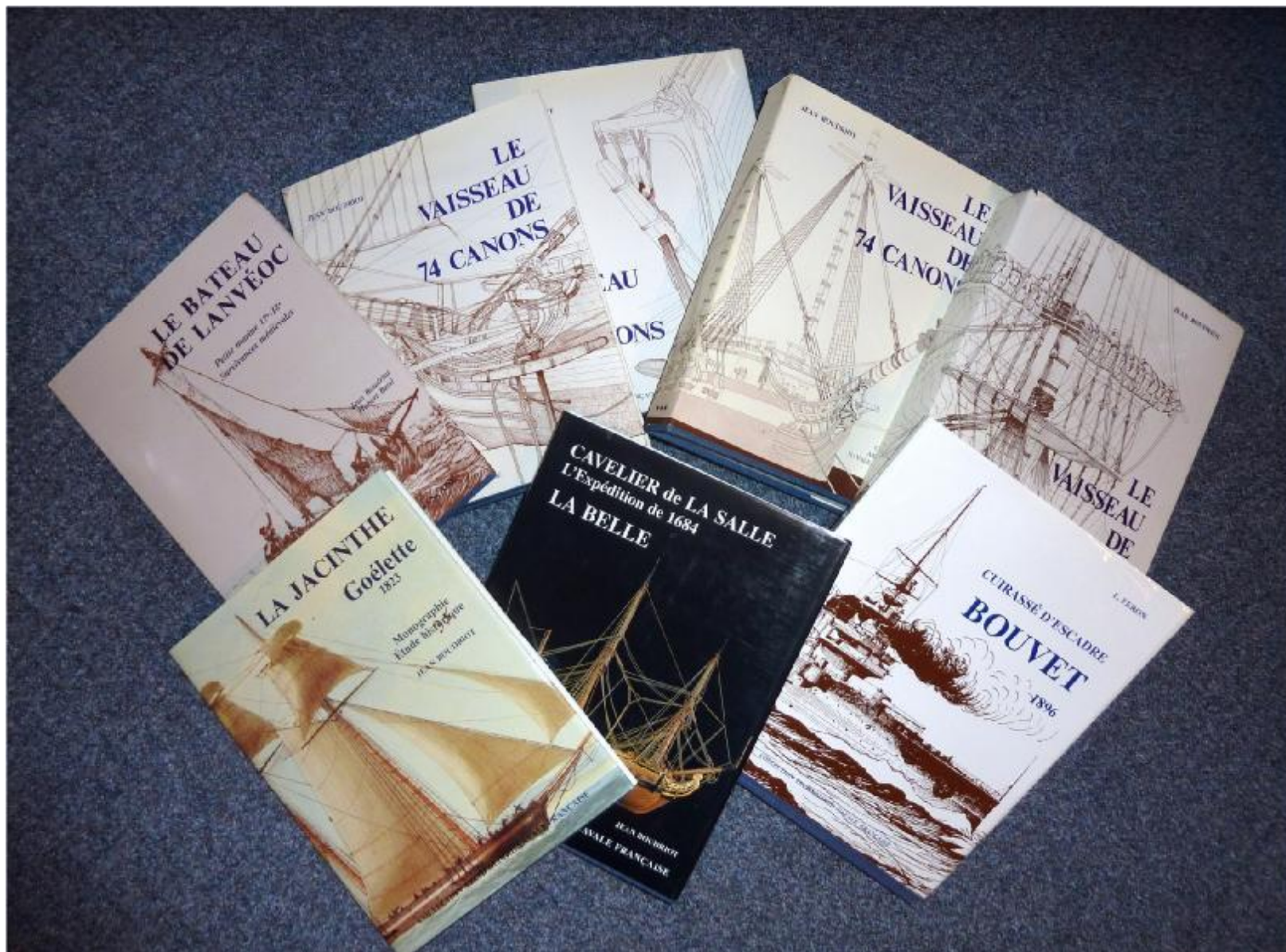
Boat of Kobé 1868

Admiral Pâris collection

Japanese pictures



The monographies



L'Ambitieux and *la Belle* Built with J. Boudriot monography by Denis Désormière



Echelle 1/48, © Denis Désormière

technique

Type: Building on frame (95% of the models)

Rough material: Box and pear tree, ebony (old sailing ships), plywood, aluminium, brass, plastic, cardboard sheet (« grey » ships)

Tools: Lathe, milling machine, elec. Saw, DAO/CAO, photo cutting out,

Scale :1/18 to 1/48 for sailing ships

1/72 to 1/100 for « grey » ships

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Special tool to manufacture the blocks by Gérard Chenivresse



An economic Computerized milling machine that modelers can afford

A new project from the AAMM

A computer + A cheap software +
A milling machine built with standard materials
At a cost not exceeding 1300 us \$(*)

Work in progress
First result very promising
Accuracy 1/10th mm
Impressive Carving
Open a new era to modelers

(*) excluding the computer

THE FUTURE

- TO CONTINUE THE DEVELOPMENT OF NEW TECHNIQUE
- TO PUBLISH ADDITIONAL MONOGRAPHS
- TO ORGANIZE IN 2013/2014 A LARGE INTERNATIONAL MODELING SHOW IN ONE OF THE MnM ESTABLISHMENT OR IN VERSAILLES

The end

Thanks for your attention

