

BLUEPRINT REPLICAS
MODEL KIT

ERTL®

GOLDEN HIND

1/70 Scale Full Masted Sailing Ship Model Kit

Kit No 8064



GOLDEN HIND

Originally christened the Pelican, the Golden Hind was the flagship of a fleet of five English sailing vessels placed under the command of the famous explorer and privateer, Admiral Francis Drake, in December of 1577.

Publicly announced to be a mission of exploration, mapping and trade, the real purpose of their voyage was to pillage and plunder towns and ships as they should happen upon them. Although privately financed, it is known that the Queen gave her formal blessing to their venture. It is widely suspected that she was also an investor in the project.

By contemporary standards the Golden Hind was not a very large ship, only 100 ton, but she was exceptionally well built, very well armed and amazingly fast. She was also the only ship of the fleet to complete the mission.

After having lost two of the ships while raiding the shipping routes along the Atlantic Coast of Africa, the fleet sailed for the New World. During a storm, while

attempting to navigate the Strait of Magellan, one more ship was lost while another turned back and sailed for home.

The Golden Hind however, continued on, raiding towns along the Coast of Chile and Peru.

On his return to Plymouth, England in 1580, Drake became the first Englishman to have circumnavigated the world. For this achievement he received instant national acclaim, and on the deck of the ship that had served him so well he was knighted by the Queen.

Today, in the Middle Hall at Oxford sits a chair and table crafted from the sturdy timbers of the Golden Hind, sadly, all that remains of that once great ship.

Drake re-christened the ship Golden Hind sometime during the voyage in a gesture of gratitude for, and commemoration of, his friend and patron, Sir Christopher Hatton, whose family crest bore the image of a golden deer.

INSTRUCTIONS

You are about to build one in a series of Ertl Classic sailing ships. The kits in this series are quite different than those produced by other manufacturers because an Ertl kit is designed to give more pleasure to the builder, both during and after construction.

Some of the unique features of an Ertl ship kit are ease of assembly, strength, beauty, and accuracy of detail from the wood grain finish to the scroll engraving on the hull.

IMPORTANT

Before starting, study instructions carefully.

Cut parts off trees only as needed.

Test fit parts before cementing.

When fitting the rigging, do not cut off excess rope until you have first tied a temporary knot in the rigging.

If you wish to paint your model, it is best to do so before assembly. Large parts may be most easily spray-painted while

smaller parts should be painted with a fine brush. Painting tips are given throughout the instructions for those who wish to paint their model. It may be helpful to refer to the picture on the cover during the painting operation.

NOTE: The use of flat type colors are recommended except for white. Weathering may be added by applying a top coat of flat clear spray to model and/or by brushing on a thin wash of a few drops of flat black paint mixed with thinner and wiping with a clean, soft cloth.

COLOR LIST

Flat Black.....	★
Gloss Black.....	☆
White.....	○
Red.....	●
Yellow.....	○
Blue.....	●
Light Brown.....	□
Dark Brown.....	■

Tools Required



Clip



Instant adhesive



Tweezers



Scissors

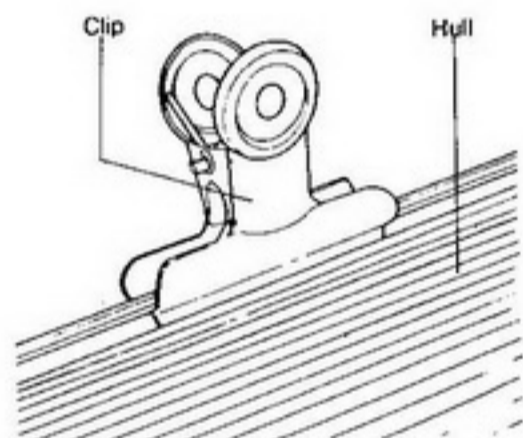


Pin vice

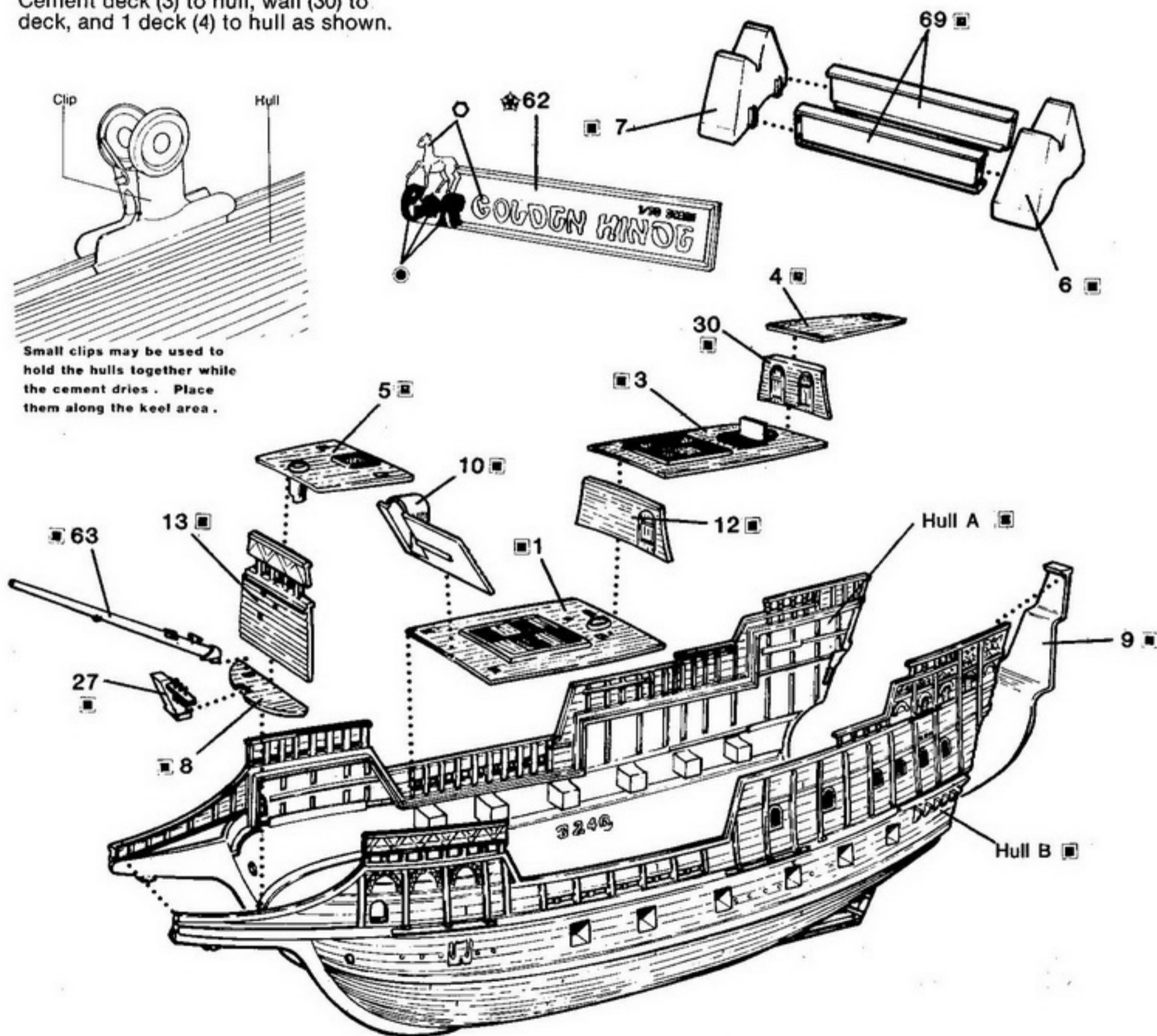
Cement hull half A to hull half B.
 Cement ships back (9) to hull.
 In order, cement deck (1) and walls (10) and (12) to deck as shown.
 Glue (9) and bowsprit (63) to deck (8) and cement deck (8) to hull.
 Cement wall (13) to hull and deck (5) to walls (13) and 10 as shown.
 Cement deck (3) to hull, wall (30) to deck, and 1 deck (4) to hull as shown.

DISPLAY STAND

Cement braces (69) to side (6) and (7) and nameplate (62) to brace (69) as shown.

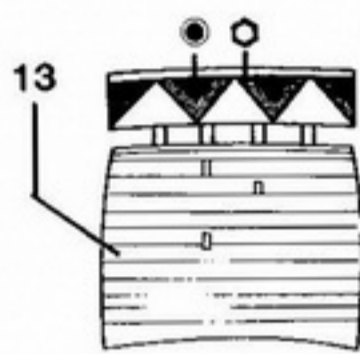
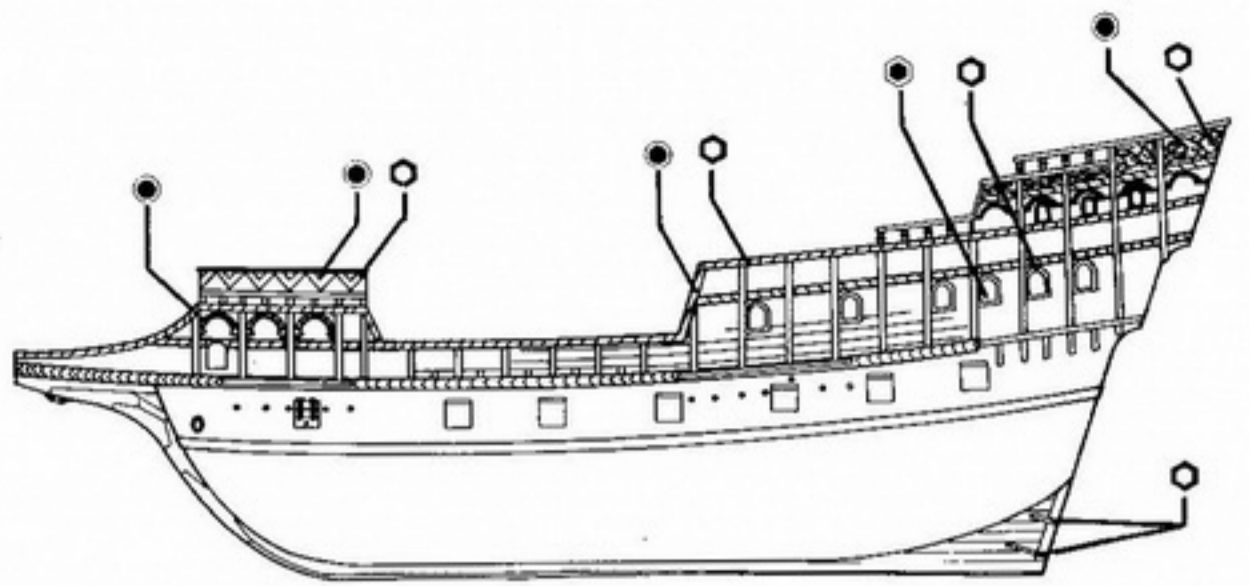
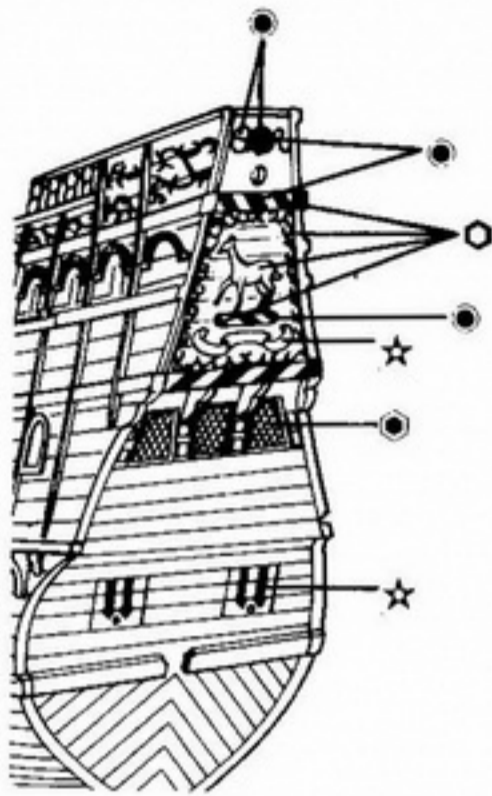


Small clips may be used to hold the hulls together while the cement dries. Place them along the keel area.

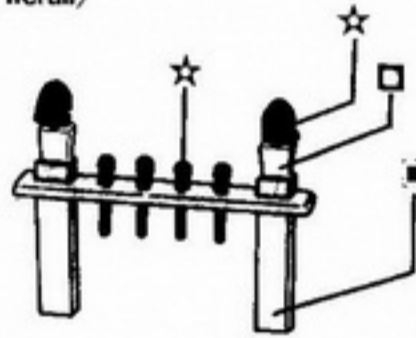


Painting the Design on the Hull

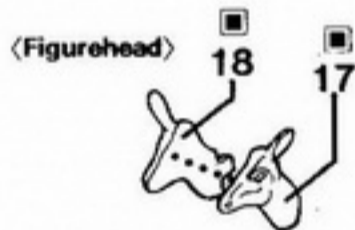
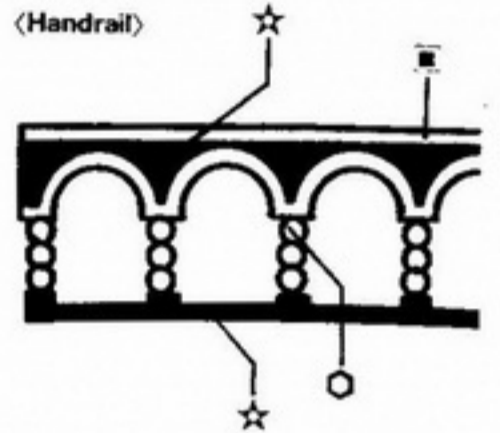
● See either the picture on the box on the photo of the assembled ship and paint the design as shown in the figure on the right.



<Fiferail>



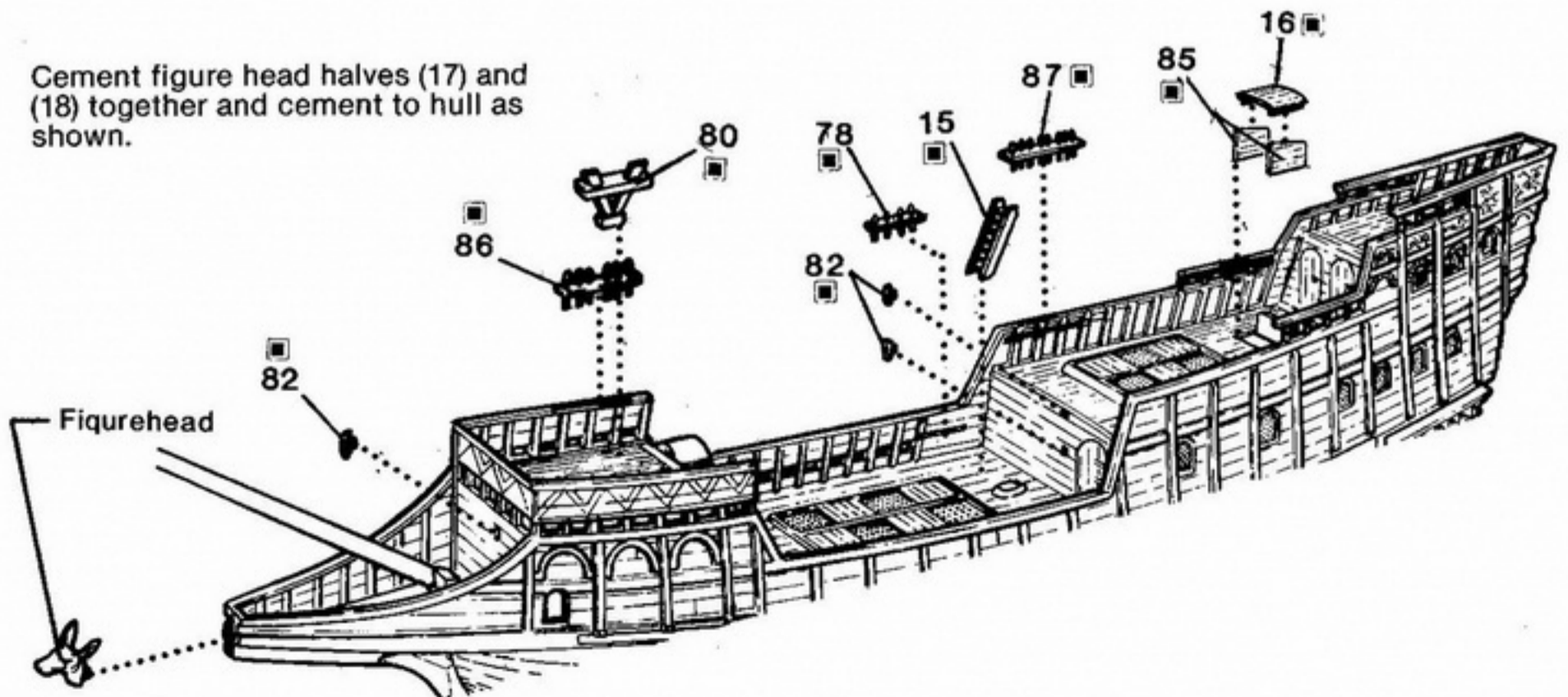
<Handrail>

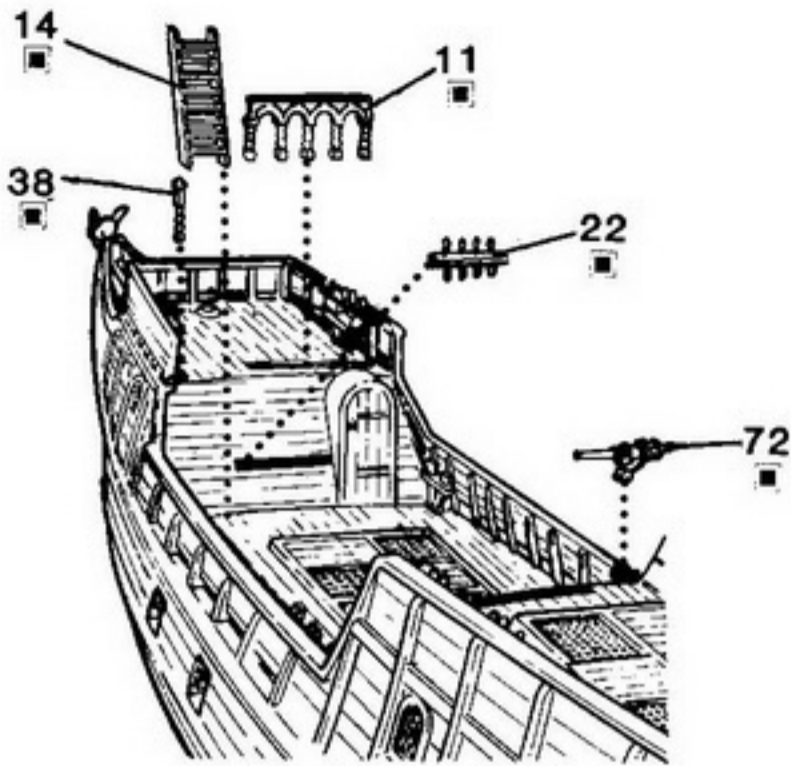


Cement pinrails (86), (78), and (87) as shown (1 per side each).
 Cement levels (80) to pinrails (86) and deck (5).
 Cement ladder (15) at deck (1) and wall (12) as shown.

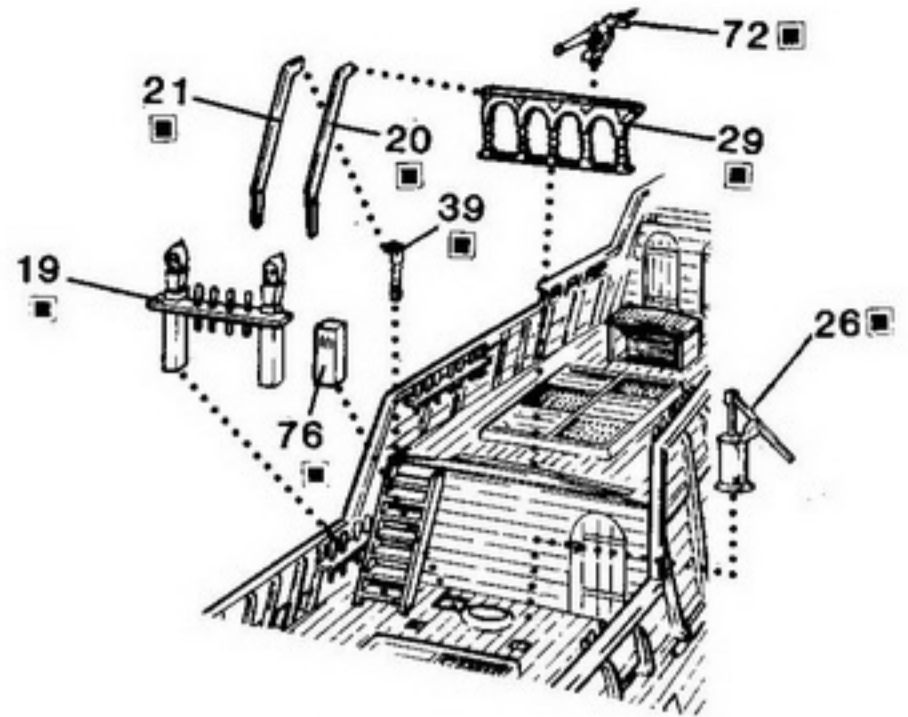
Cement belaying pins (82) to walls (13) and (12) as shown. (3 places)
 Cement hatch walls (85) (2 pcs.) to deck (3) and hatch roof (16) to hatch walls as shown.

Cement figure head halves (17) and (18) together and cement to hull as shown.





Cement half hand rail (38), ladder (14), handrail (11), and pinrail (22) as shown.
Cement musket (72) to rail as shown.



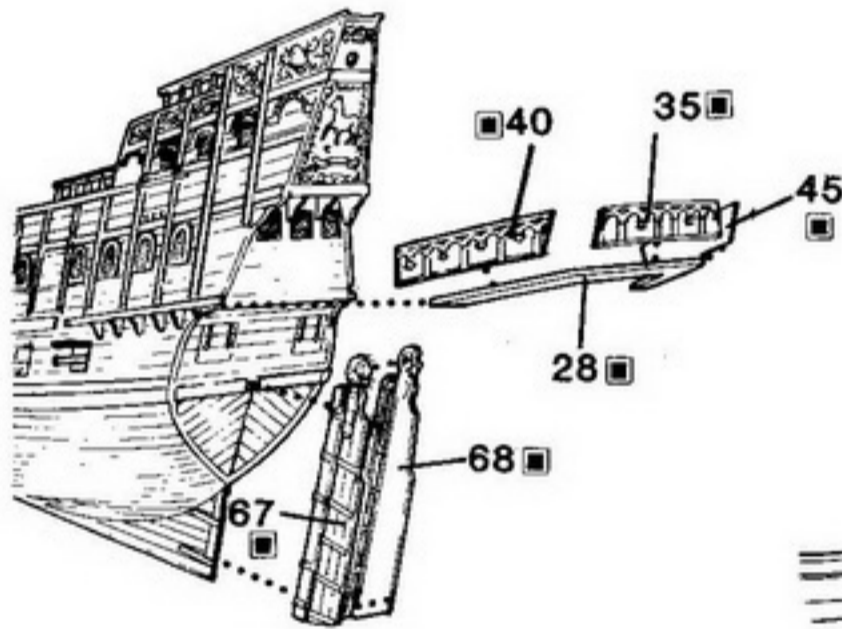
Cement deadeye block (76) and fife rail (19) and pump (26) to deck as shown.

Cement musket (72) to hand rail (29) and cement hand rail to deck.

Cement half hand rail (39) to deck.

Cement banister (21) to ladder and half hand rail.

Cement banister (20) to ladder and hand rail.

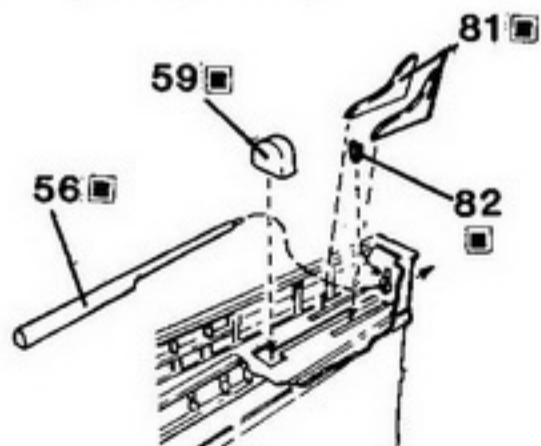
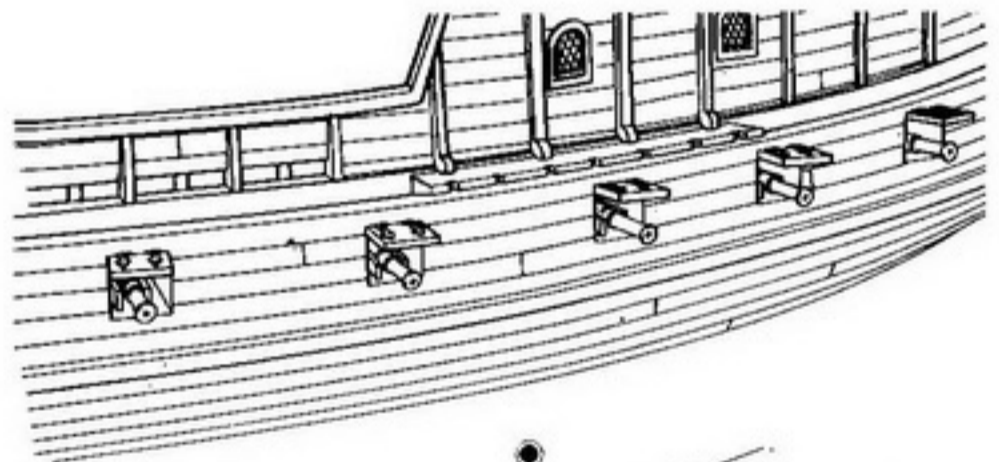


Cement rudder half (67) to rudder half (68).

Cement rudder to ship.

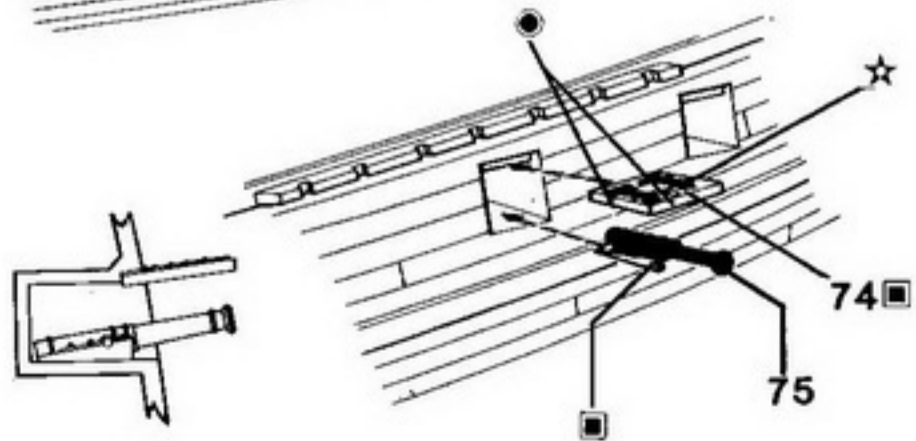
Cement pieces (45), (35), and (40) to gallery deck (28).

Cement gallery to ship.

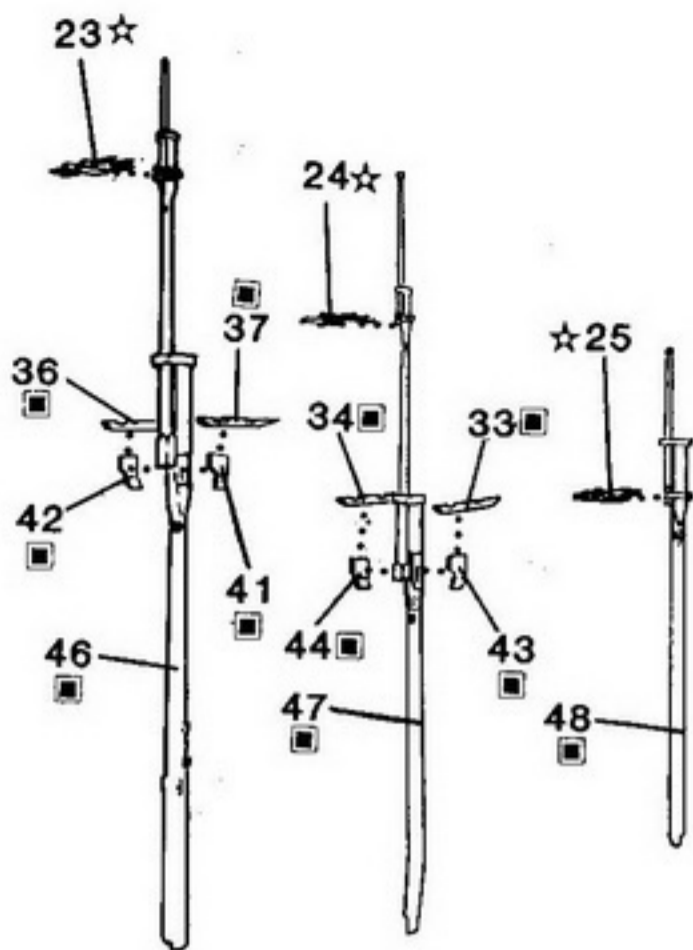


Slip outrigger (56) through hole and cement to deck.

Cement (59), and (81) (2 pieces) to deck as shown.



Cement cannons (75) and covers (74) to deck as shown.



Cement cross trees as follow.
 (24) to foremast (47).
 (23) to mainmast (46).
 (25) to mizzenmast (48).

NOTE: Slip crows nests onto masts before cementing cross trees to masts.

Cement crows nest braces as follows.

(33) and (34) to foremast.

(36) and (37) to mainmast.

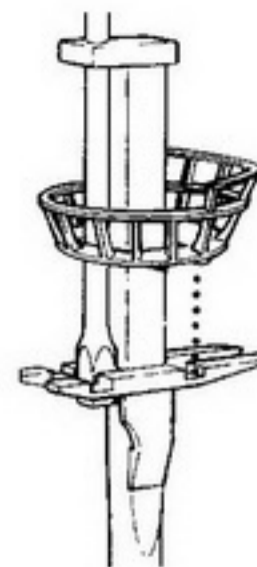
Cement brace support as follows.

(43) and (44) to foremast.

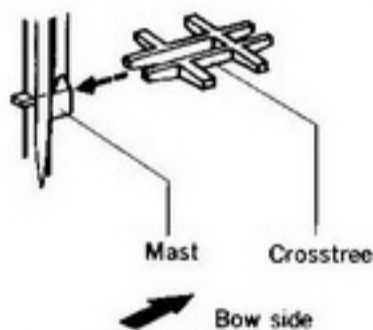
(41) and (42) to mainmast.

Cement crows nest (60) to braces on foremast.

Cement crows nest (61) to braces on mainmast.



<Crosstree>



*Insert the mizzenmast crosstree the other way round.

Cement masts to deck.

Cement yards to masts as follows.

(57) and (64) to foremast.

(58) and (66) to mainmast.

(65) to mizzenmast.

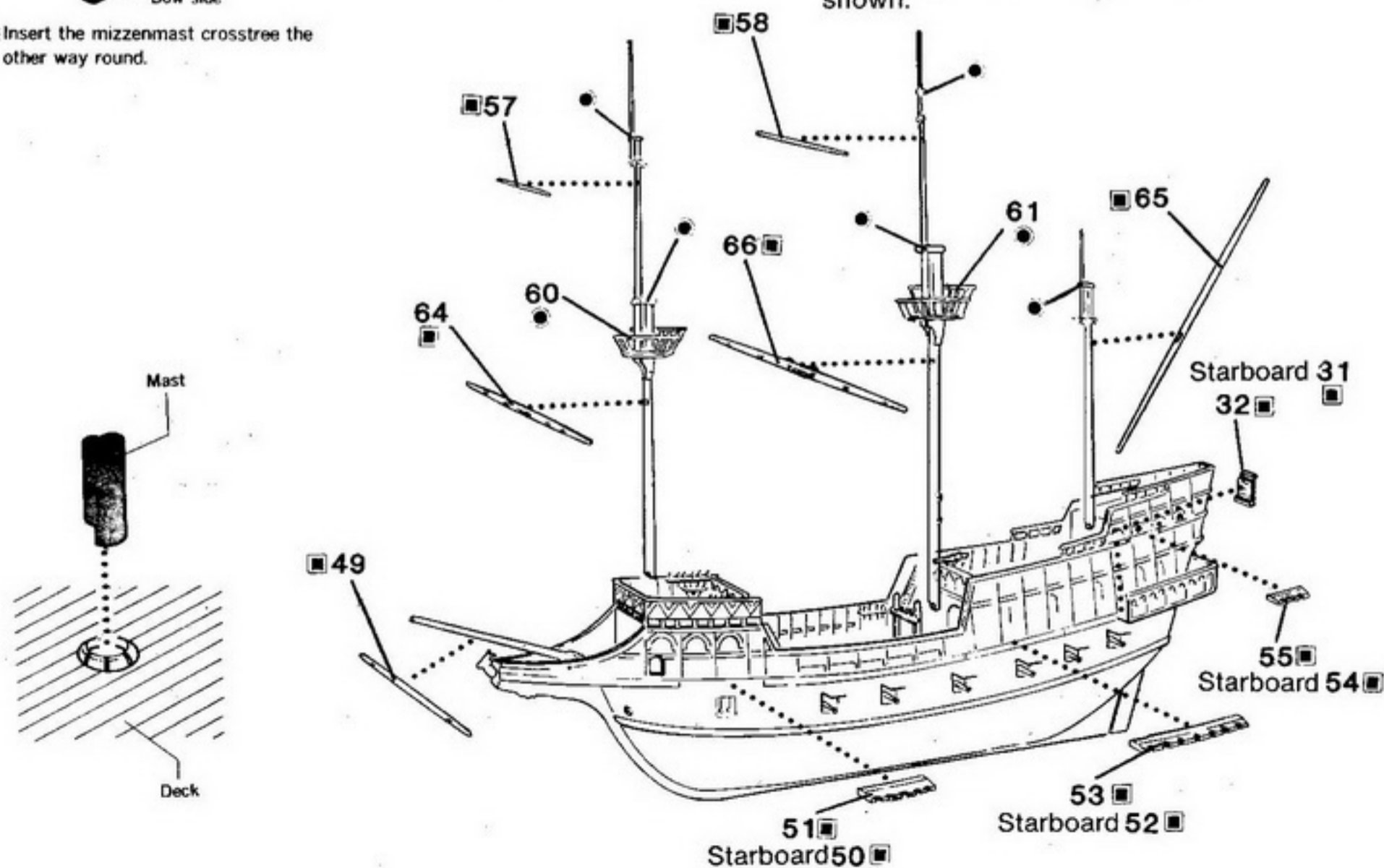
(49) to bowsprit.

Cement channels as shown.

(51), (53), and (55) to port side.

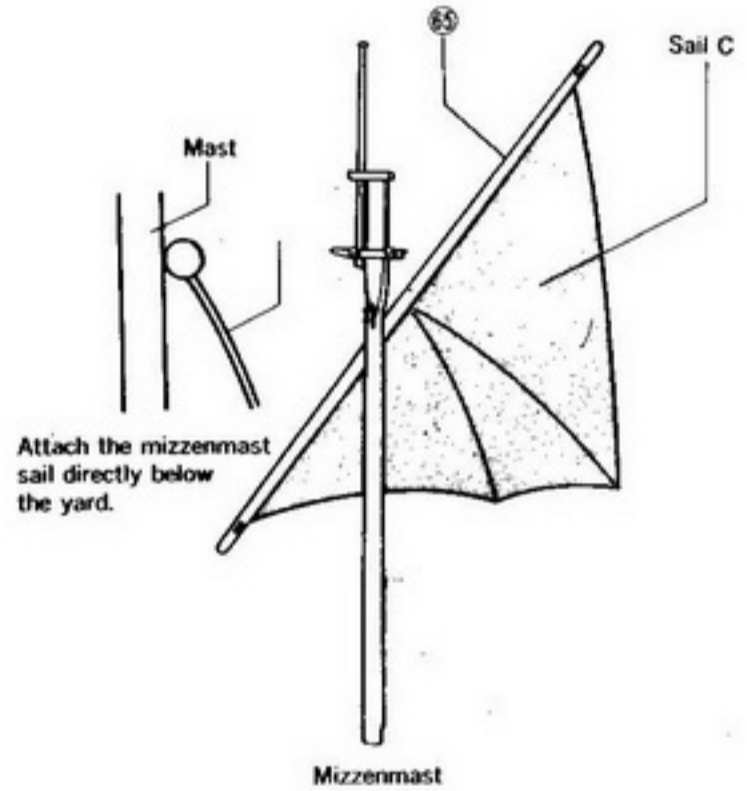
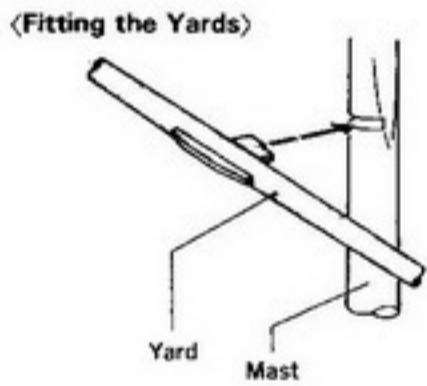
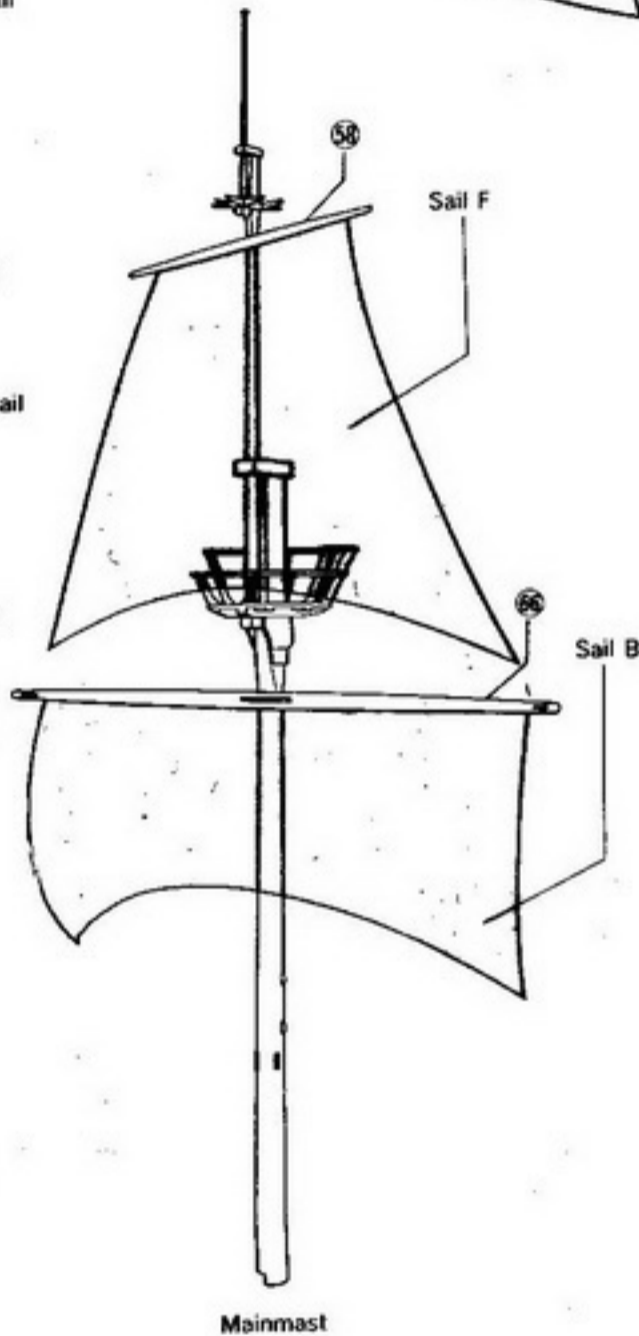
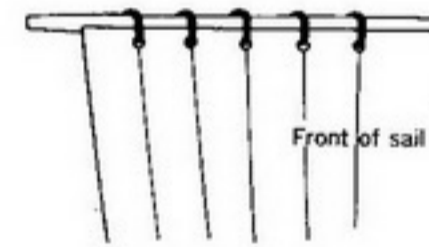
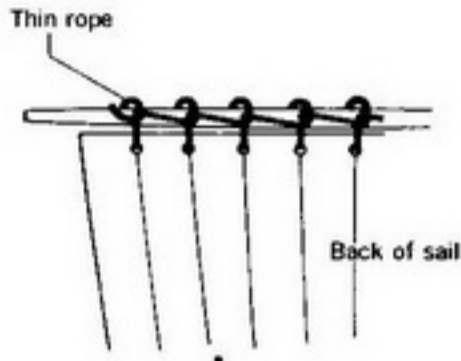
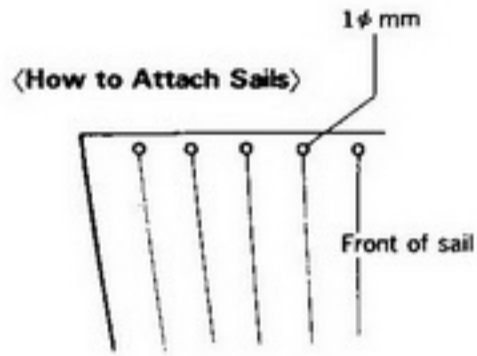
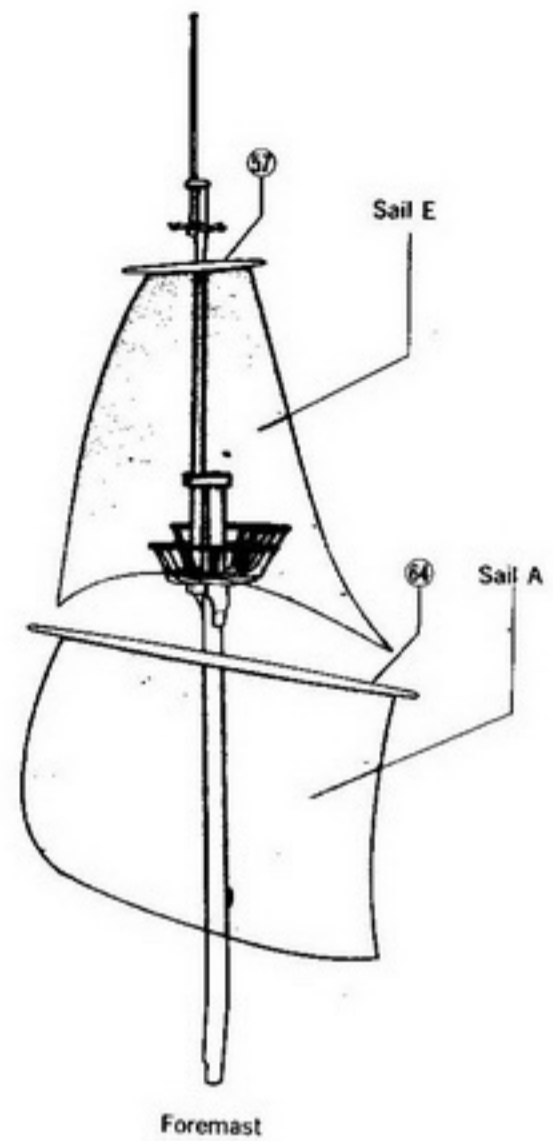
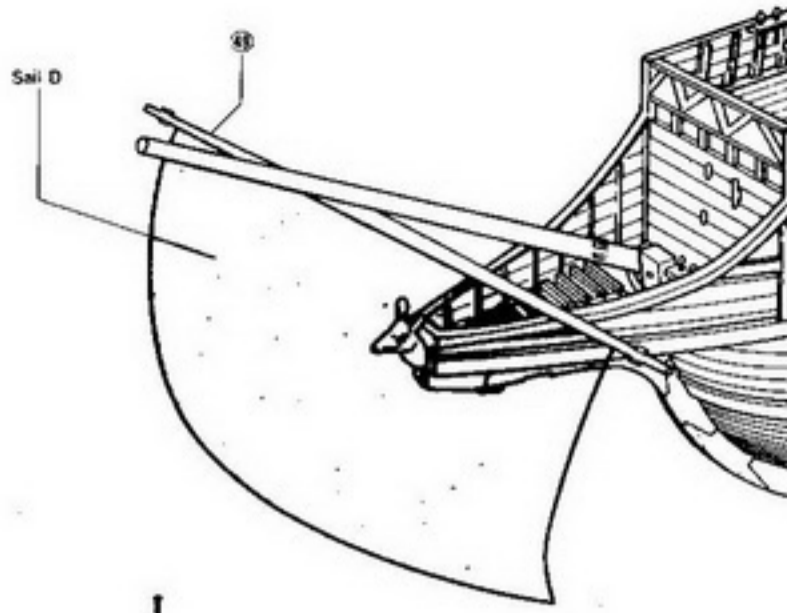
(50), (52), and (54) to starboard side cement.

Cement gallery wall (32) into place as shown.

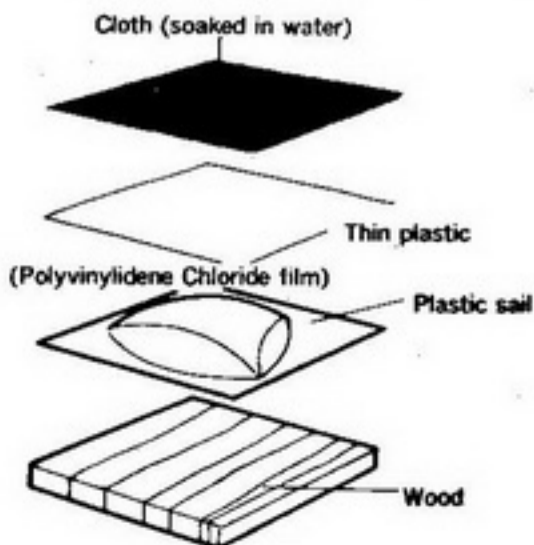


Attaching the Sails

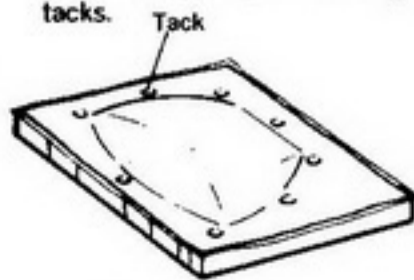
- Make holes of about 1 mm diameter in the sails by use of pin-vice and the like.
- Attach by first tying sail to the yard as with thin rope as shown in the figure below.
- Glue the yards to the respective masts.



Reference: How to make cloth sails An example of how to make cloth sails is given for those who want a more authentic look.



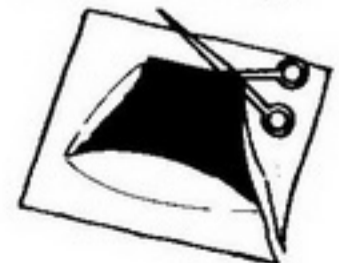
- Place a sail made of plastic on a wooden base. From the top, apply Polyvinylidene Chloride film and cover with a cloth soaked in water. Press down entire surface to remove all wrinkles. Fix in position using tacks.



- After complete drying, apply clear varnish with a brush. Coat uniformly.



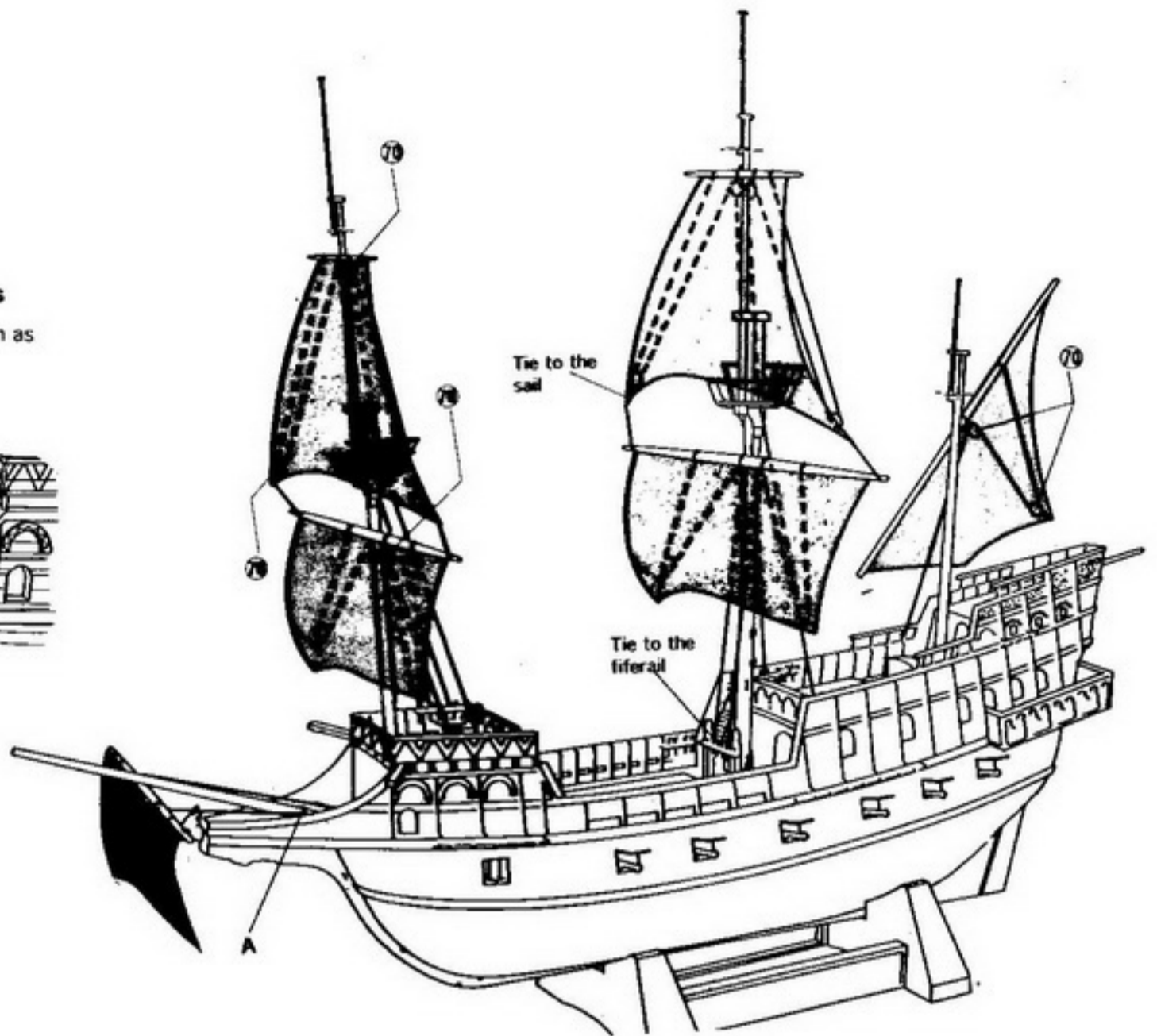
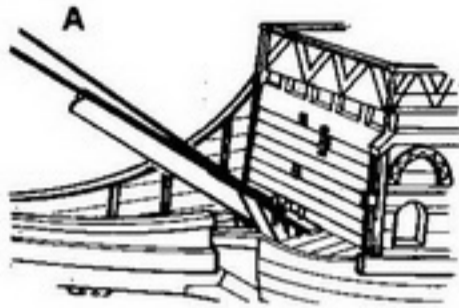
- After complete drying remove the cloth and cut out in a sail shape.



- In the case of folded sails, cut the cloth to a suitable length, roll it up and wind on the mast using the thin threads.

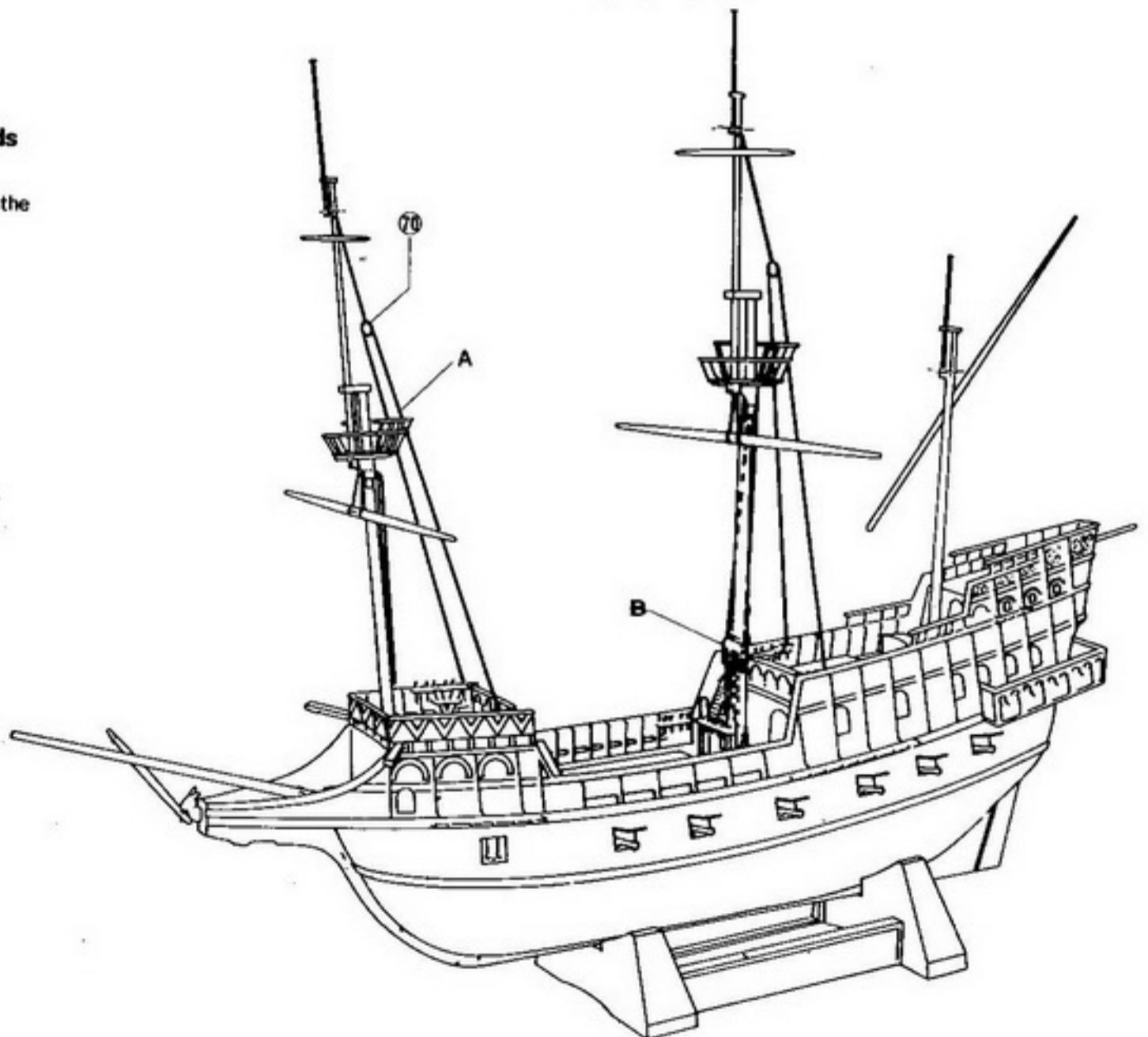
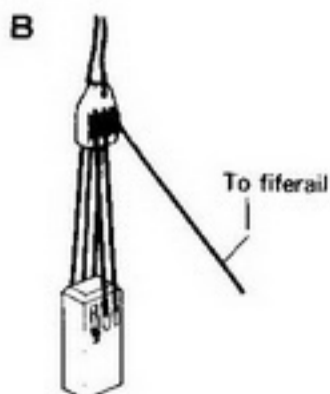
Fitting the Clew Lines

- Use thin thread and stretch them as shown in the drawing.



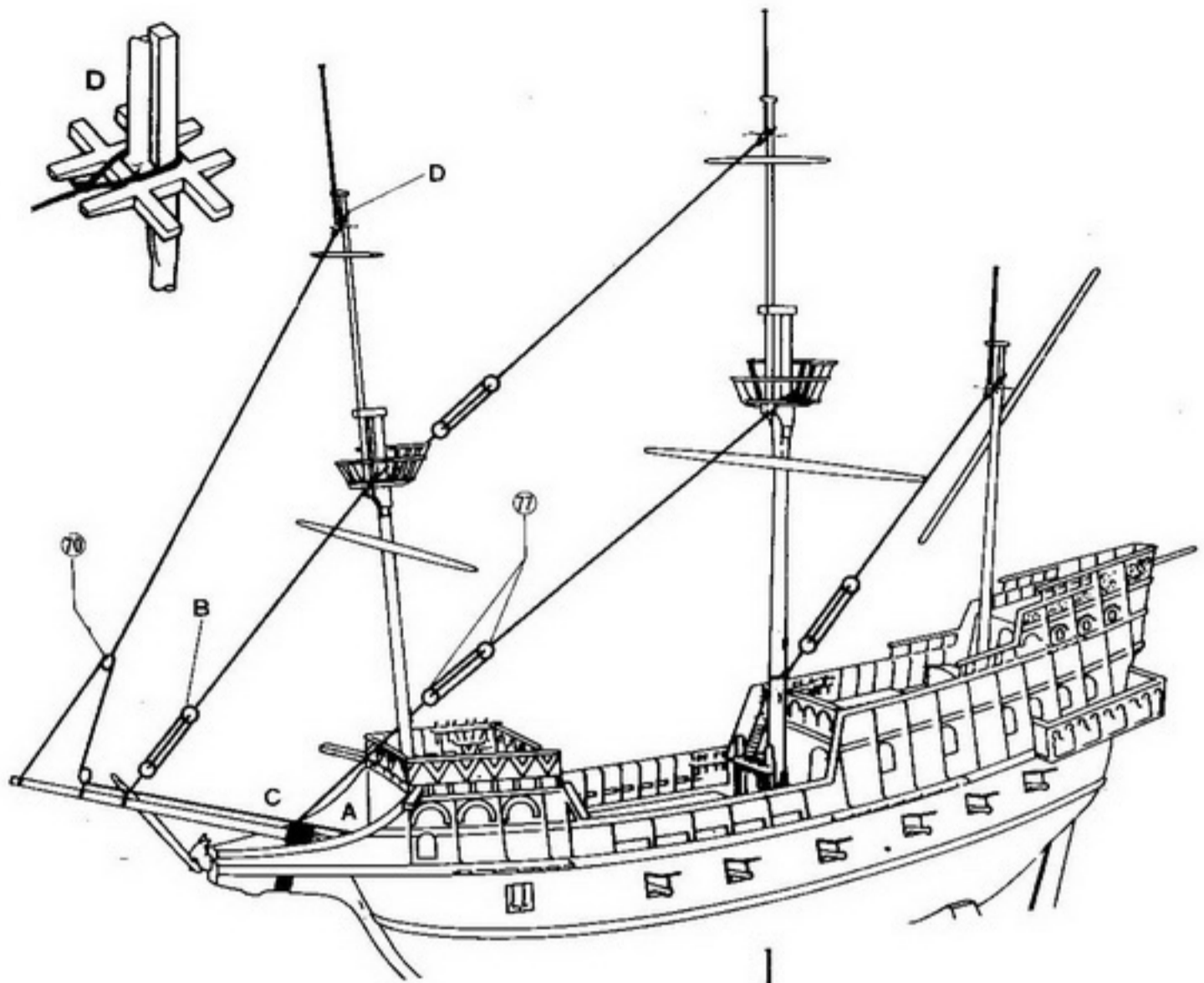
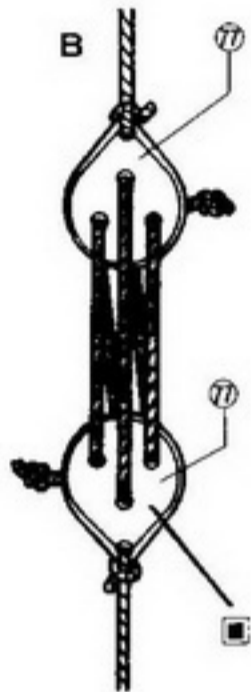
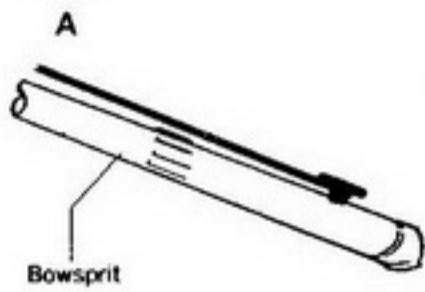
Stretching the Halyards

- ※ Use thin thread
- Stretch the halyards as shown in the figure.



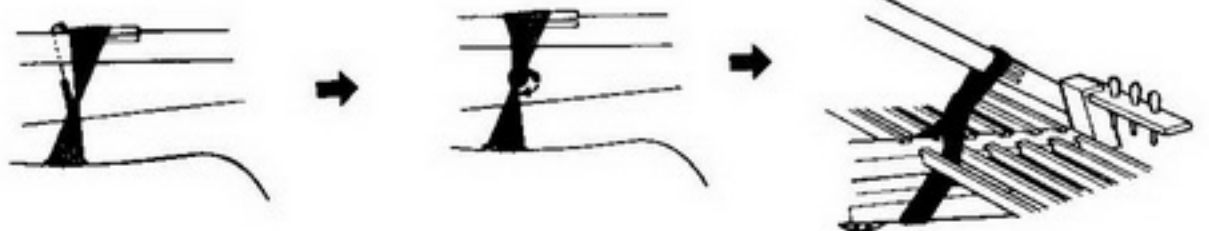
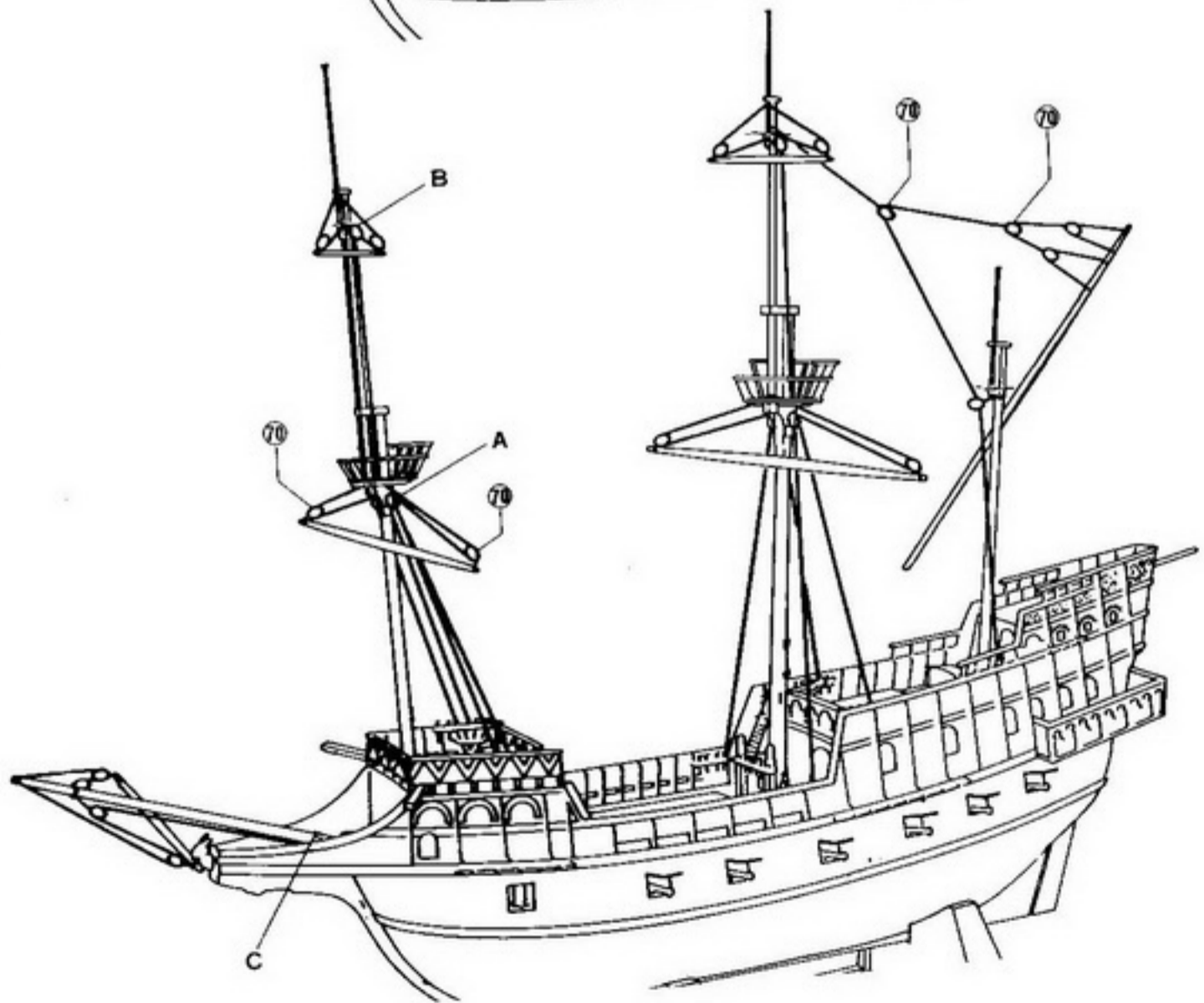
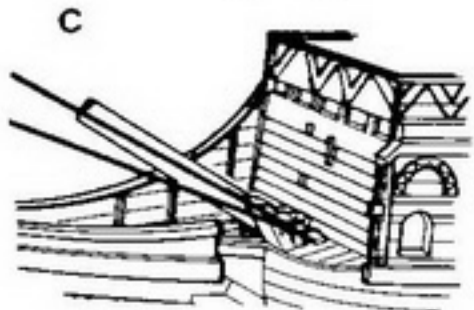
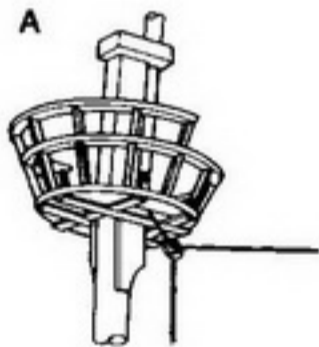
Fitting the Stay

- Use thick thread.
- Use clove hitches, the sewing machine thread method, etc.
- Taking the inclination of the mast into account, stretch the ropes from the bottom of the foremast to the top and then on to the main and mizzen-masts.



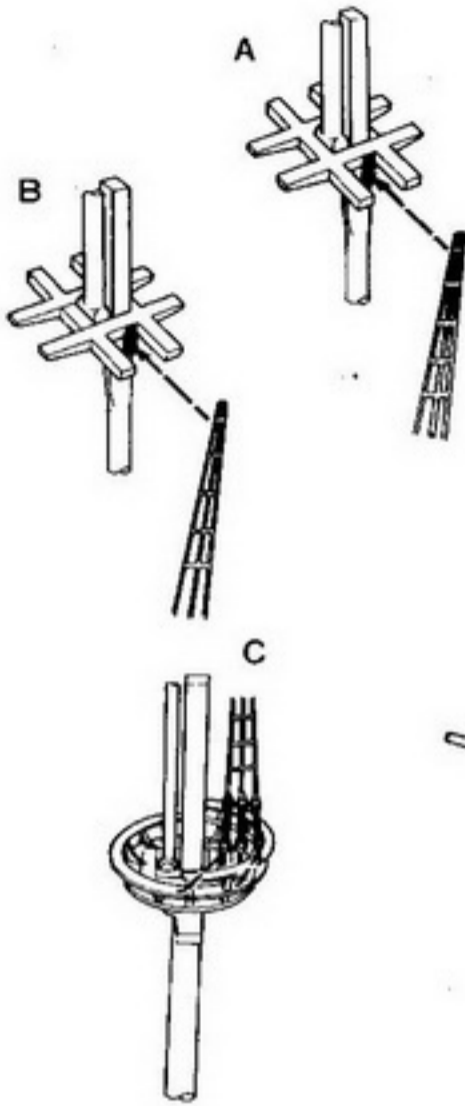
Stretching the Lifts

- Use thin threads and stretch them as shown in the drawing.

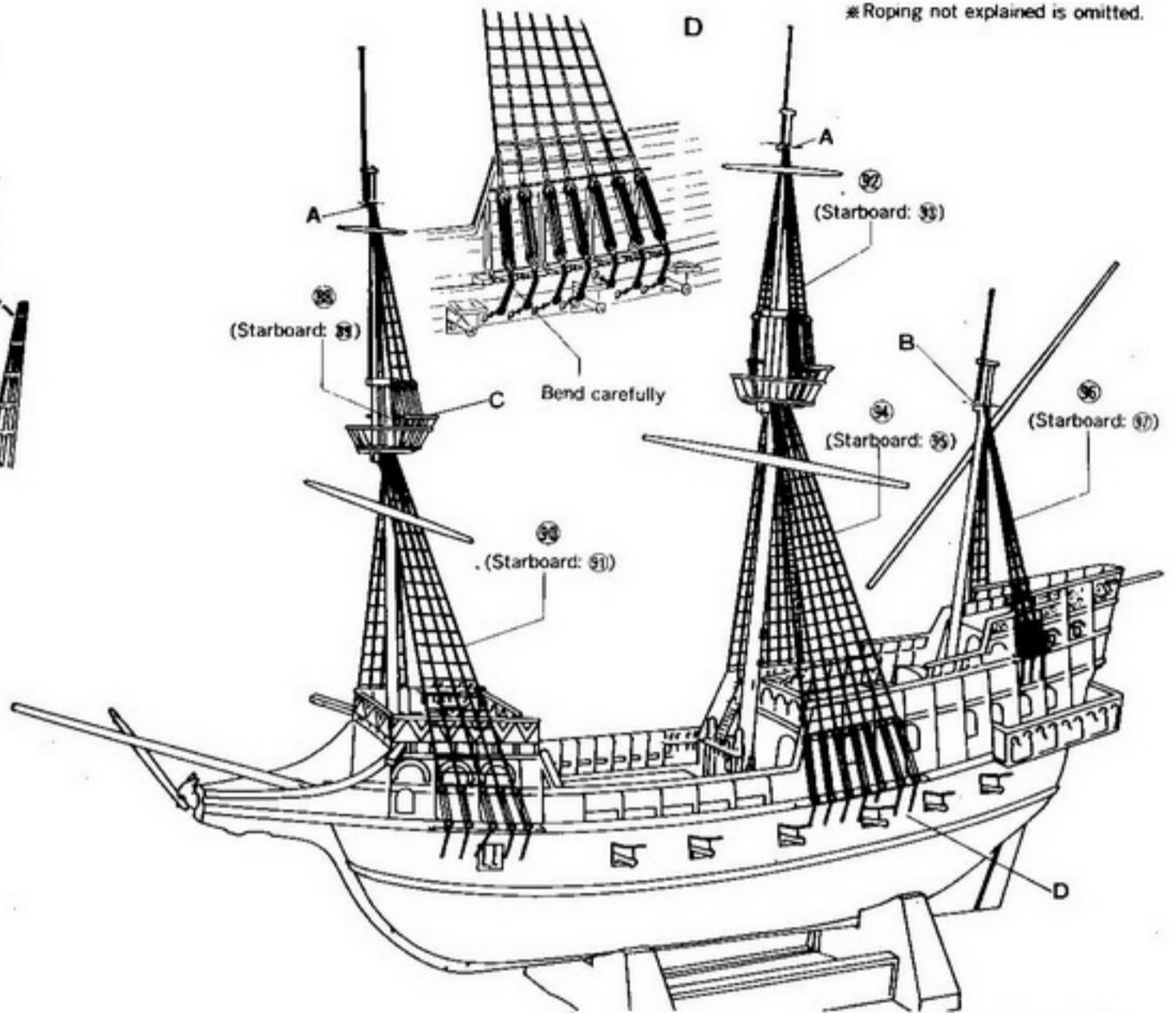


Fitting the Shrouds

- Glue the shrouds as shown in the drawing.

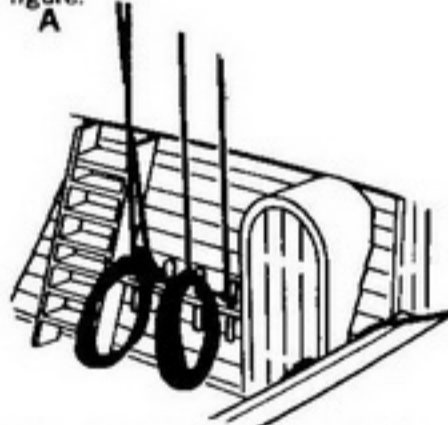


※ Roping not explained is omitted.



Stretching the Braces

- Stretch the braces as shown in the figure.



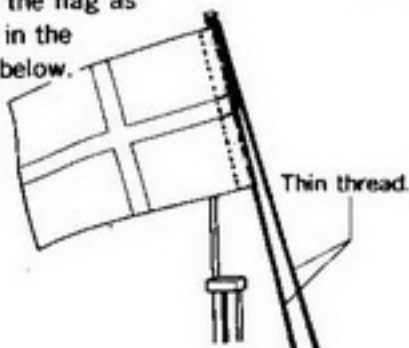
※ Roping not explained is omitted.

- ※ The scale effect is improved if the ropes are fastened to the pin rails in bundles as illustrated.



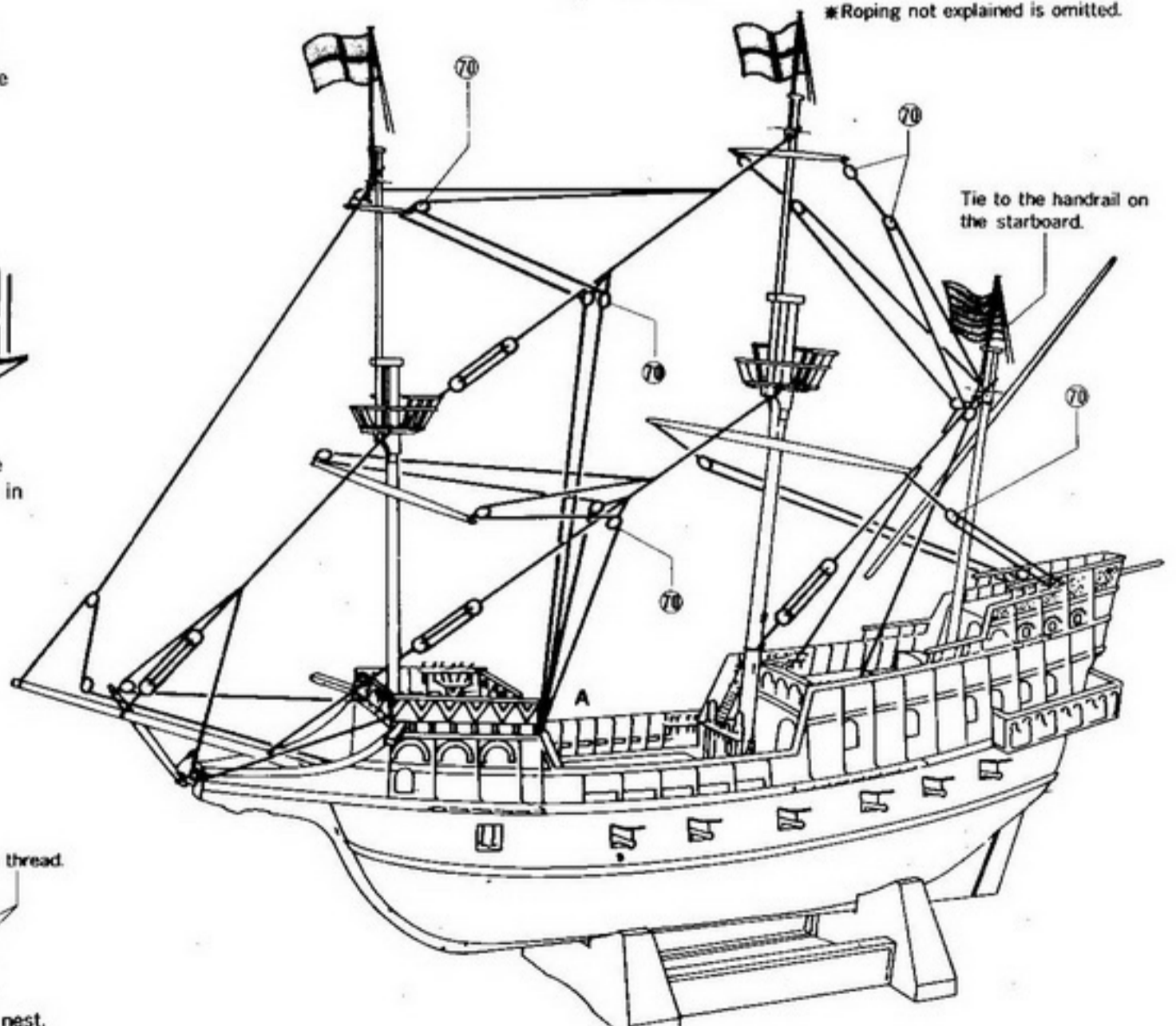
Thin thread

- Attach the flag as shown in the figure below.



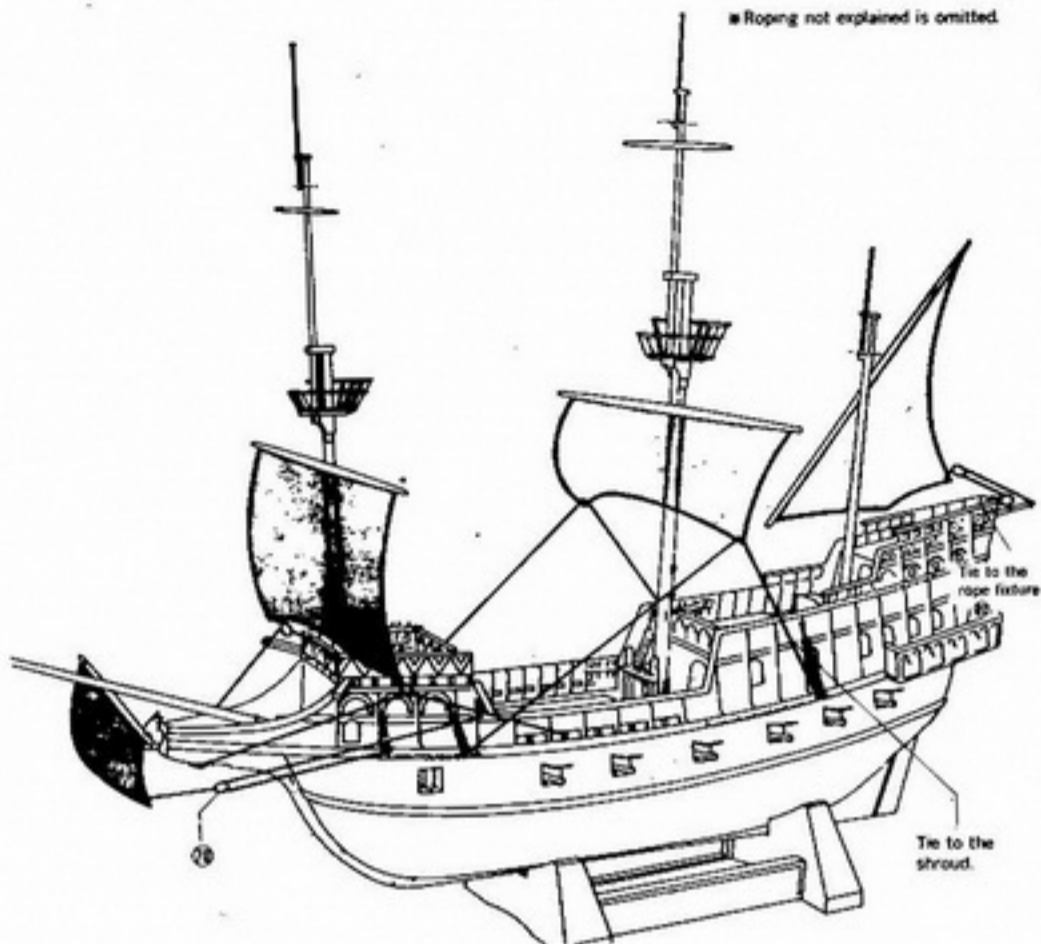
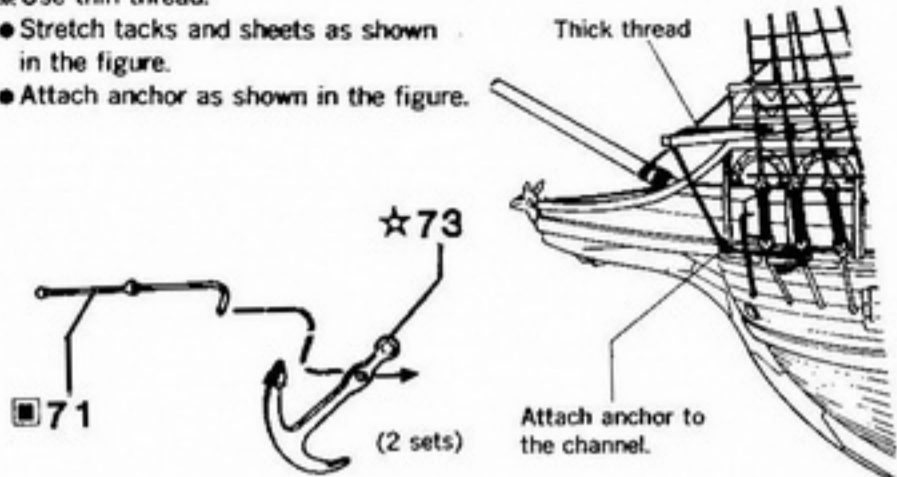
Thin thread

- ※ Tie the thin thread to the crow's nest.



Stretching Tacks and Sheets and Attaching Anchor

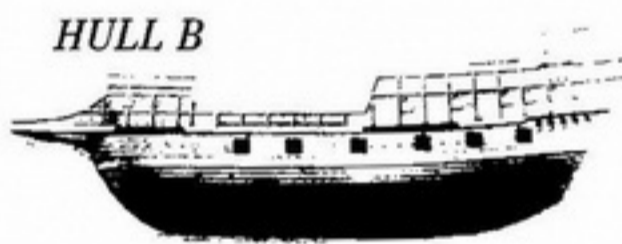
- ※ Use thin thread.
- Stretch tacks and sheets as shown in the figure.
- Attach anchor as shown in the figure.



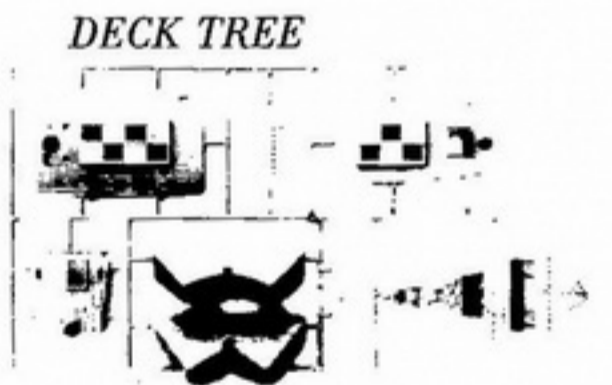
Parts List



HULL A



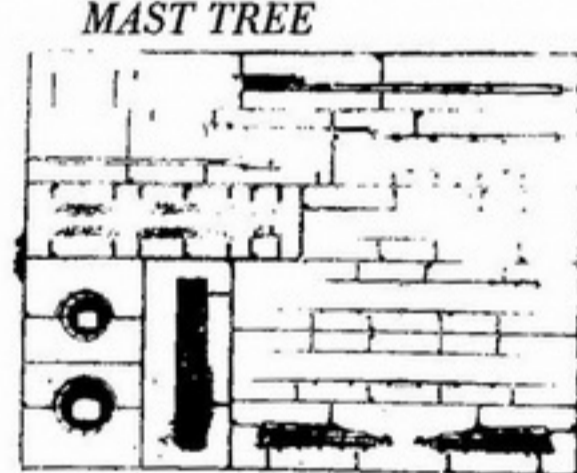
HULL B



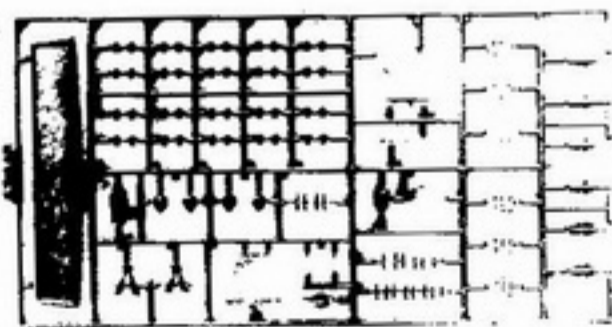
DECK TREE



GALLERY TREE



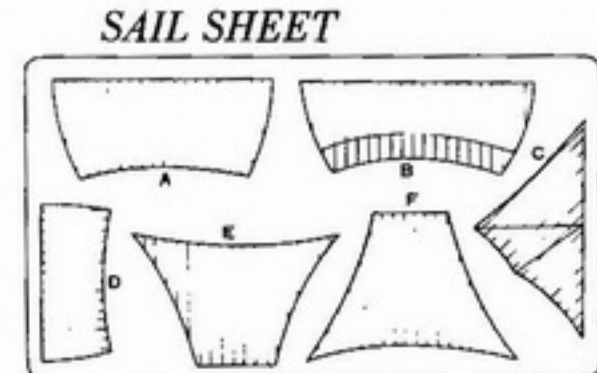
MAST TREE



CANNON TREE (2 pieces)



RIGGING TREE



SAIL SHEET

Description	Quantity
Flags	1 Sheet
Thick Rope	1 Roll
Thin Rope	1 Roll

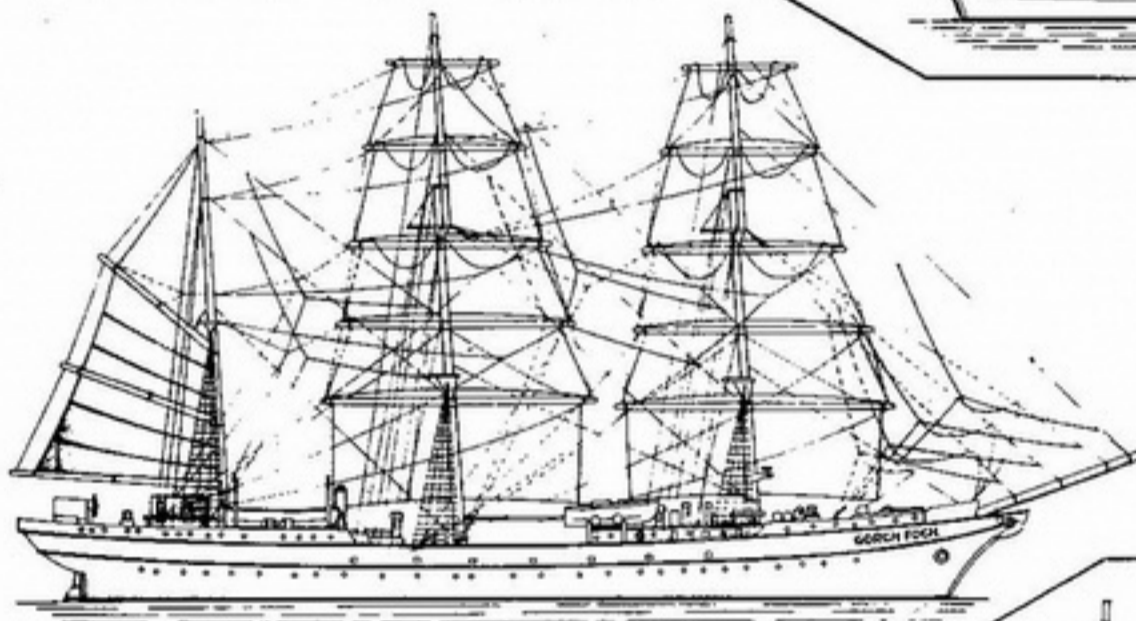
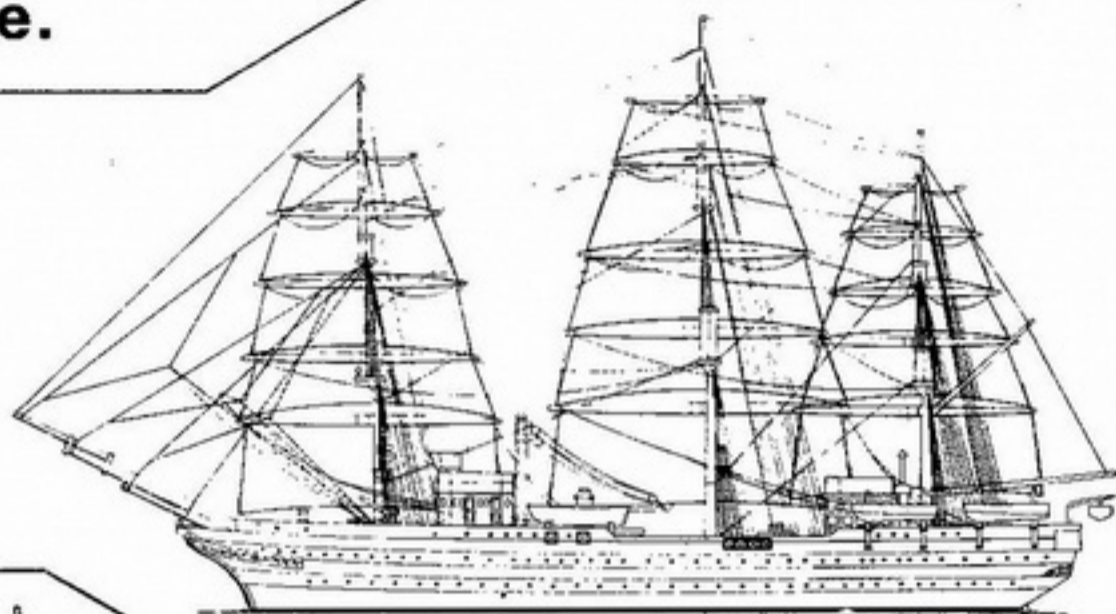
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Favorite Hobby Store.

DISPLAY STAND SERIES

1/350 SCALE

AMERIGO VESPUCCI

STOCK NO. 8091

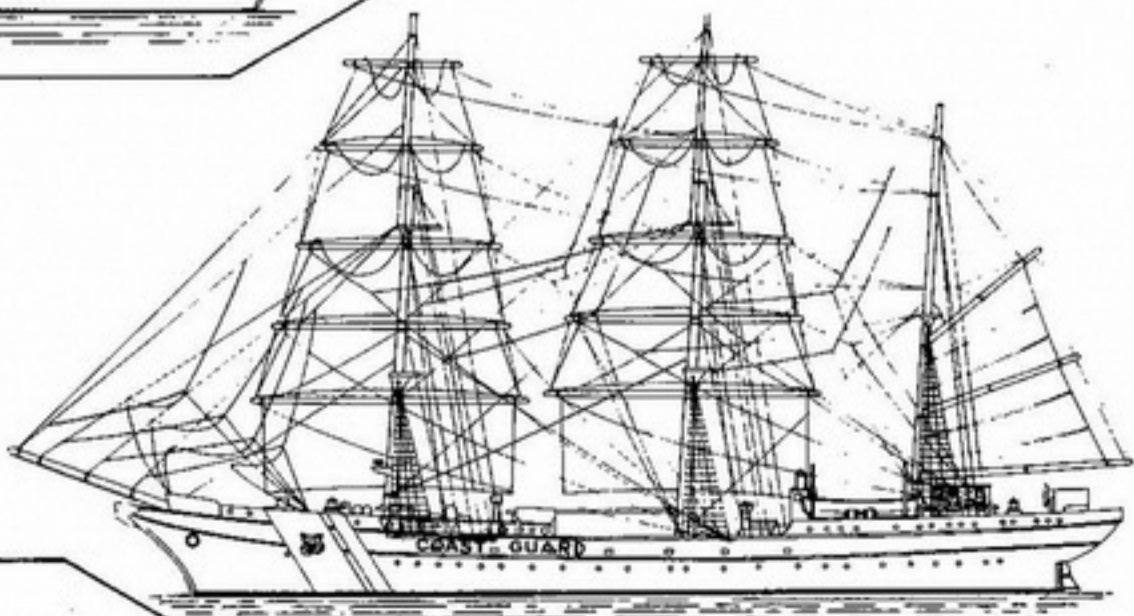


1/350 SCALE

W.GERMAN NAVY 3-MASTED BARK

GORCH FOCK

STOCK NO. 8093

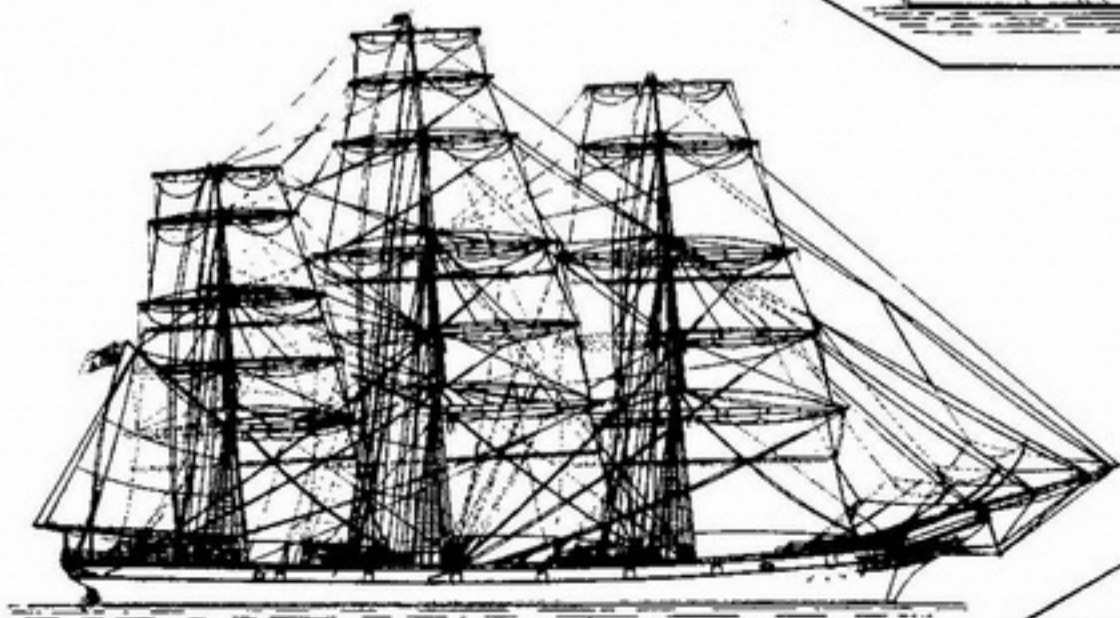


1/350 SCALE

U.S. COAST GUARD 3-MASTED BARK

EAGLE

STOCK NO. 8090



1/350 SCALE

3-Masted Clipper

CUTTY SARK

STOCK NO. 8092