

Your kit contains all the parts required to enable you to assemble it as it would appear in port with yards lowered and sails stowed or as under way with full blown sails. **YOU MUST DECIDE WHICH VERSION YOU WISH TO BUILD BEFORE BEGINNING TO**

FOR BEST RESULTS, READ THIS FIRST

1. Since this kit is molded of styrene plastic, use only Revell cement. Do not let cement touch your eyes, furniture or clothing.
2. Apply cement sparingly. Excess cement may run and damage the details on your model.
3. Carefully trim any excess plastic from parts before assembling. This will result in parts fitting together perfectly, and also enable moving parts to move freely.

THIS IS VERY IMPORTANT

4. All parts are numbered for easy identification, or the numbers are engraved on the runner next to the Part. Carefully remove each Part from runner only when that part is to be used.
5. Carefully follow the written instructions in each assembly step. "L" indicates left side. "R" indicates right side.
6. The color indicated next to Part No. is the color the

ASSEMBLE YOUR KIT.

The major differences are in the location of the yards on the masts and in the amount of rigging lines required.

part is molded in. This will help you find parts more easily.

7. Paint all the parts where indicated and allow to dry before assembling. All colors are flagged as shown: **white**.
8. Directions for applying decals are on the back of the Decal sheet.
9. Carefully follow these numbered steps, for ease in building your model.
10. Tools and materials recommended for the easiest assembly of this model are as follows:

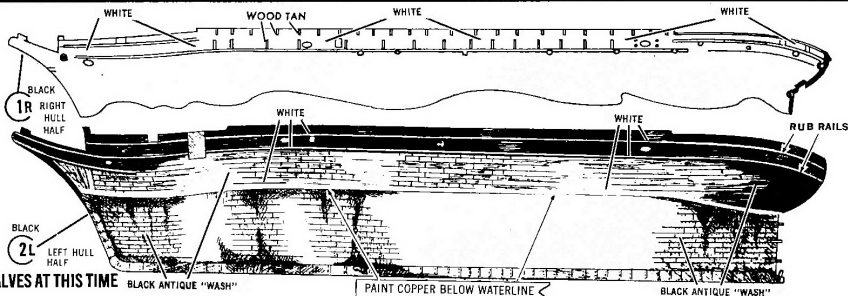
MODEL BUILDERS KNIFE & BLADES	scraping & trimming
SMALL FILES	finishing & fitting
FINE SANDPAPER & STEEL WOOL	finishing & fitting
BEE SWAX	rigging
SMALL PAINT BRUSHES	painting & cement
TWEEZERS	assembly & rigging
SCISSORS	rigging
DRILL 1/32 Dia.	cleaning holes & rigging
CLOTHES PINS	clamping
MASKING TAPE	holding & painting
TURPENTINE	cleanup & antiquing

1

HULL PAINTING PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

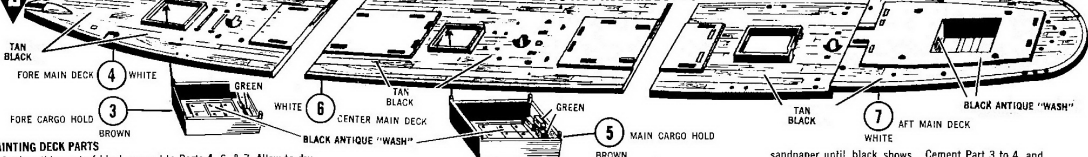
To obtain the maximum in appearance for your model follow these suggestions for painting the hull halves. Apply masking tape to the hull sides above the water line (the top row of engraved plates) and paint the bottom copper. Paint the interior above the molded horizontal rib white. Paint the exterior rub rails as indicated white. Paint the water line (top row of copper plates) white.

If you wish to antique the hull use leaf green and white enamel thinned with turpentine. Use tissue to stroke each paint downward towards keel to create a "Corroded" look. Apply colors at random and blend. Doing the entire hull half at the same time. Allow both sides to dry thoroughly. Then make a thin wash of black enamel and turpentine and lightly dab the exterior. Allow hull sides to dry completely before assembly. **DO NOT ASSEMBLE HULL HALVES AT THIS TIME**



2

DO NOT ASSEMBLE DECK SECTIONS AT THIS TIME



PAINTING DECK PARTS

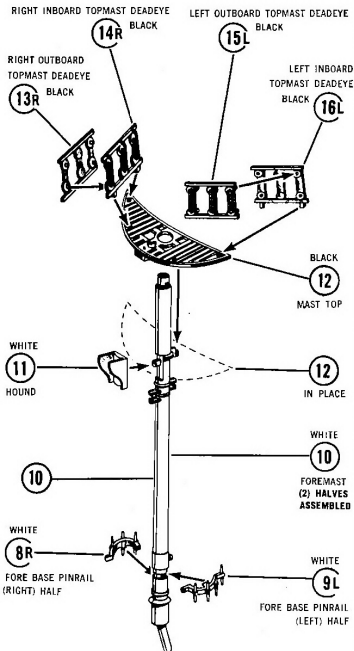
Apply a thin coat of black enamel to Parts 4, 6, & 7. Allow to dry overnight. Then apply a thin coat of wood tan over the black. Allow

this to dry thoroughly. Then sand lightly with 600 grit wet or dry

sandpaper until black shows. Cement Part 3 to 4, and Part 5 to 6.

3

FOREMAST

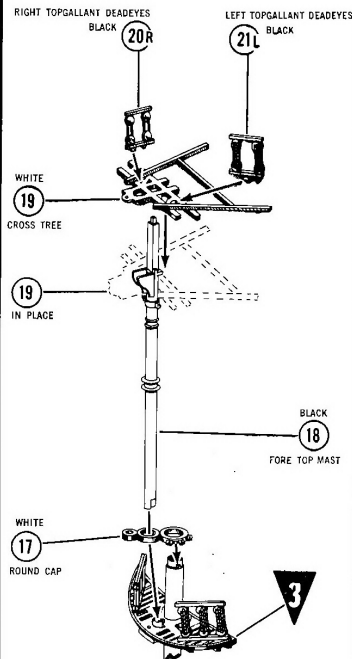


NOTE: CEMENT (2) PARTS 10 TOGETHER, AS SHOWN

Cement 8R and 9L to 10. Next cement 11 to 10. Slide part 12 down onto 10 and position properly, as shown in place then apply cement. Cement 13R to 14R, then cement to 12. In the same way cement 15L to 16L, then cement into place.

4

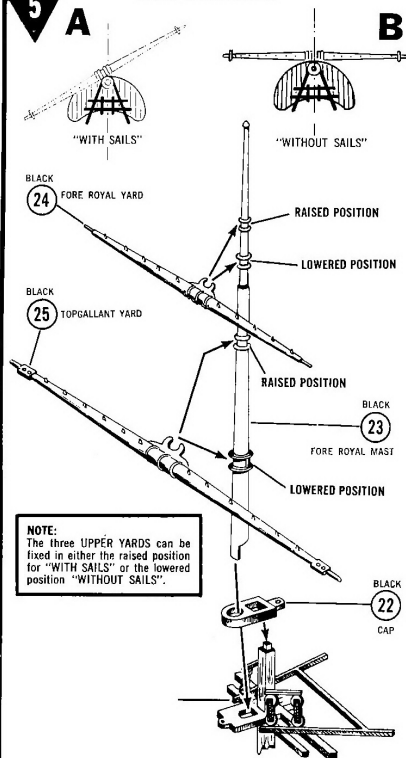
FORE TOPMAST



Cement 17 onto Assembly 3. Next slide 18 through 17 and down into hole in Assembly 3, then cement. Now slide 19 onto 18 and position properly, as shown IN PLACE, then apply cement. Finally cement 20R and 21L into 19.

5

FORE ROYALMAST

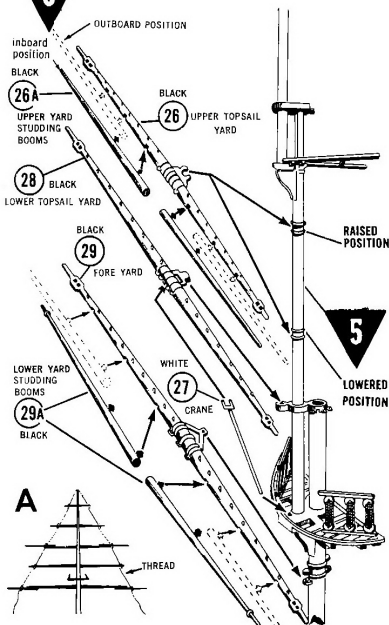


NOTE:
The three UPPER YARDS can be fixed in either the raised position for "WITH SAILS" or the lowered position "WITHOUT SAILS".

Cement 22 to Assembly 4, as shown. Now slide through 22 and cement to hole in Assembly 4. Cement 24 and 25 onto 23. (All YARDS will be cemented at the same angle, see small DRAWINGS A and B). DO NOT USE PARTS 25 A (TOPGALLANT STUDDING SAUL

6

FINAL FOREMAST ASSEMBLY

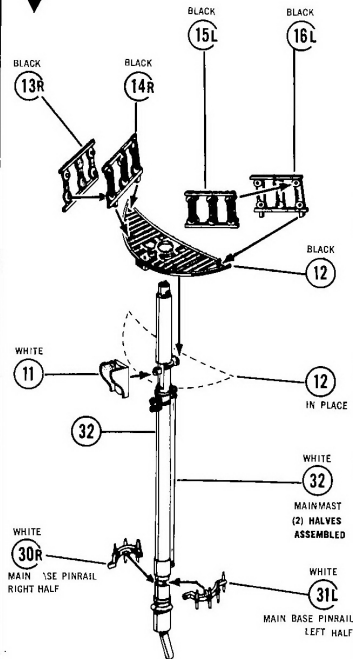


Cement (2) Parts 26A to 26 at the inboard position for without SAILS, at the outboard position for with SAILS. Cement 26 on to place on Assembly 5. Now cement 27 into place. Cement 28 on to Assembly 5 and be sure to locate 27 into holes in 28. Set the YARDS at the same angle as the TOP YARDS. Finally cement (2) Parts 29A to 29 in the same positions as 26A and cement 29 on to Assembly 5 at the proper angle. **DO NOT USE PARTS 28A (TOP-MAST STUDDING SAIL YARDS) until RUNNING RIGGING.**

We suggest that you lay the MAST ASSEMBLY flat on the table and position all YARDS so they are spaced the same distance apart at both ends, as shown in small **DRAWING A**. When all YARDS are aligned, use a piece of **THREAD** to hold them in position until cement has set, then remove **THREAD** when Assembly is dry.

7

MAINMAST

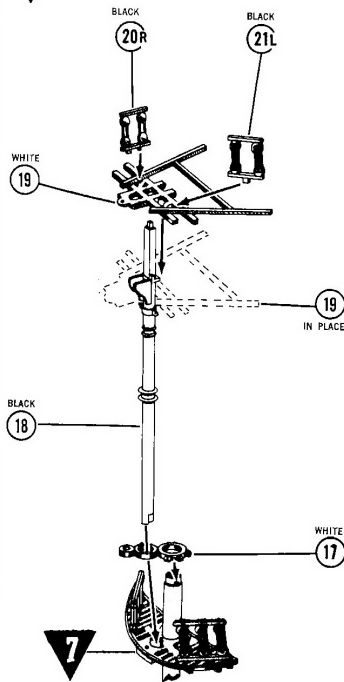


NOTE: CEMENT (2) PARTS 32 TOGETHER, AS SHOWN

Cement parts 30R and 31L to 32. Next cement remaining part 11 to 32. Now slide remaining part 12 down onto 32, as shown, in place. When positioned properly, apply cement. Cement 13R to 14R then cement into place. Cement 15L to 16L, then into place.

8

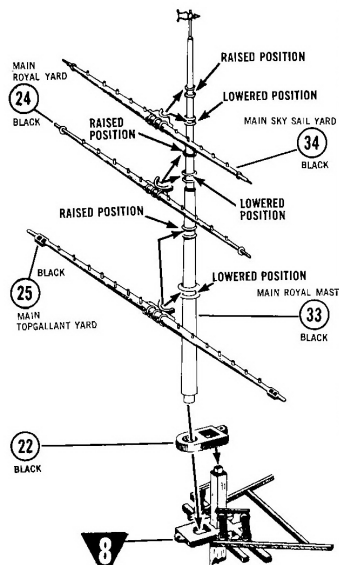
MAIN TOPMAST



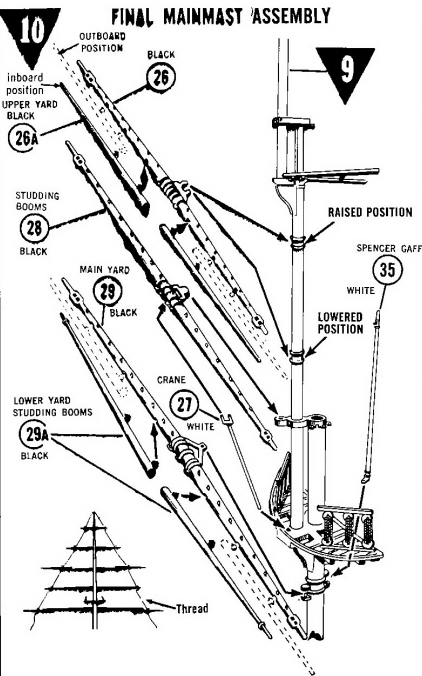
Cement remaining part 17 into Assembly 7. Slide 18 down through 17 and cement into hole in Assembly 7. Now slide 19 down into position and cement. Finally cement 20R and 21L into place.

9

MAIN ROYALMAST



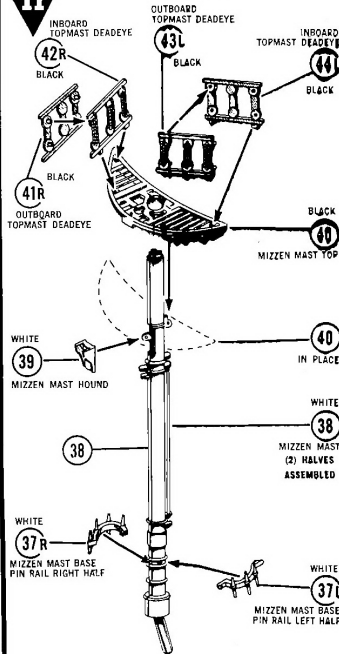
FINAL MAINMAST ASSEMBLY



Cement (2) Parts 26A to 26 at the inboard position for without SAILS, at the outboard position for with SAILS. Cement 26 into place on Assembly 8. Now Cement Part 27 to MAST TOP. Cement 28 onto Assembly 9 and make sure to locate pins on Part 27 into holes in 28. Set YARDS at the same position as TOP YARDS. Finally cement (2) Parts 29A to 29 in the same position as 26A and cement 29 to Assembly 9 at the proper angle. Parts 28A (TOP MAST STUDDING SAIL YARDS) are not used until RUNNING RIGGING - Align YARDS in the same way as in Step 6. Do not cement 35 into position until Running Rigging.

11

MIZZENMAST



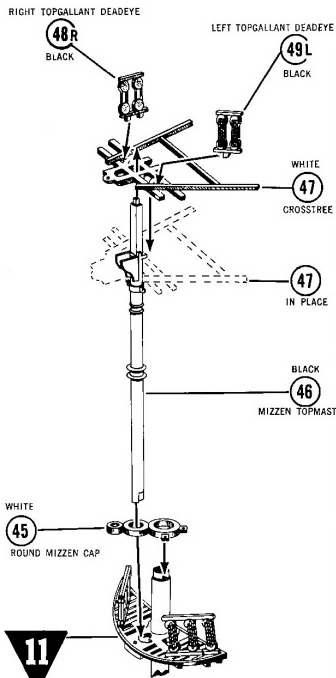
NOTE: CEMENT (2) PARTS 38 TOGETHER, AS SHOWN

Cement 37R and 37L to 38, cement 39 to Mast. Slide 40 down into position, as shown and cement. Now cement 41R to 42R, then down into 40. Also cement 43L to 44L, then into place on 40.

Cement 22 onto Assembly 8. Slide 33 through 22 and down into hole in Assembly 8. When positioned properly, apply cement. Starting at the TOP cement 34, 24 and 25 onto 33 at the same angle as fore mast yards. Set aside Parts 25A (Topgallant Stud ding Sail Yards) until the installation of Running Rigging.

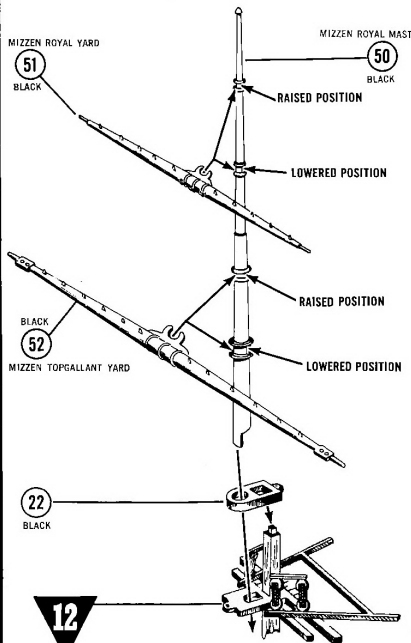
12

MIZZEN TOPMAST



13

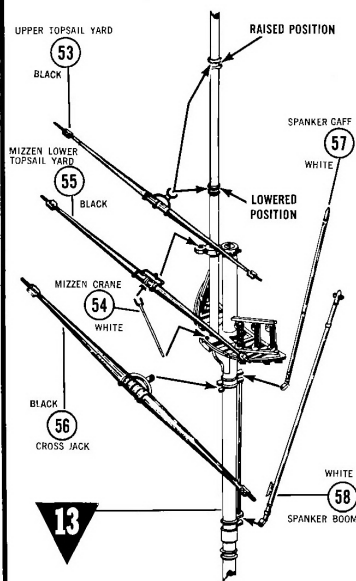
MIZZEN ROYALMAST



12

14

FINAL ASSEMBLY MIZZENMAST



13

Cement 45 to Assembly 11. Now slide 46 thru 45 and down into Assembly 11, then cement. Slide 47 down into position on 46, as shown. When positioned properly, apply cement. Finally cement 48R and 49L into 47.

Cement remaining 22 onto Assembly 12. Slide 50 thru 22 down into place, as shown. When positioned properly, apply cement. Cement 51 and 52 onto 50, same as FORE and MAIN MAST YARDS.

Start at the top of Assembly 13. Cement the following Parts into place on Assembly 13: 53, 54, 55 and 56. **DO NOT** CEMENT 57 and 58 into position until **RUNNING RIGGING**.

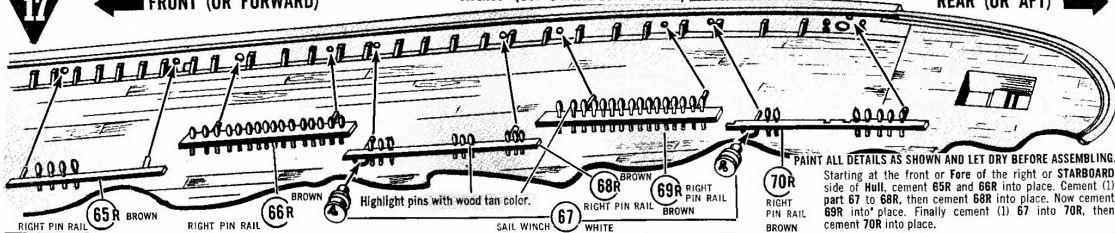
Hull Halves together, as shown in **Small Drawing B**, then apply cement. At this point **FOR BEST RESULTS LET YOUR MODEL DRY OVERNIGHT.**

17

FRONT (OR FORWARD)

RIGHT (OR STARBOARD SIDE)

REAR (OR AFT)

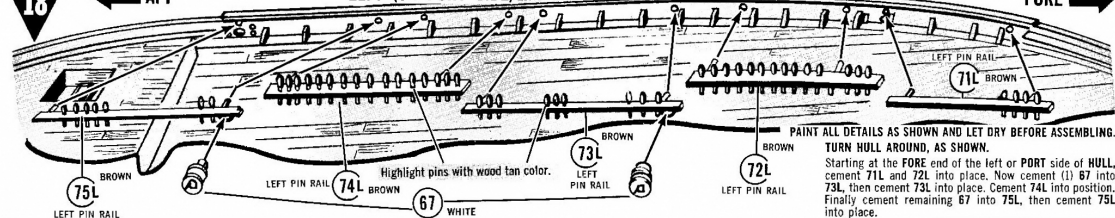


18

AFT

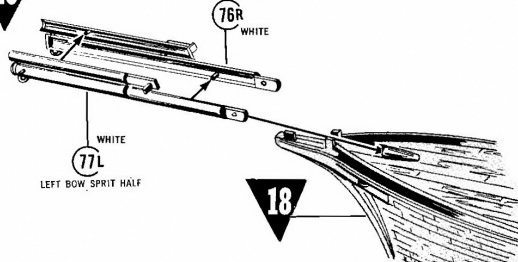
LEFT (OR PORT SIDE)

FORE



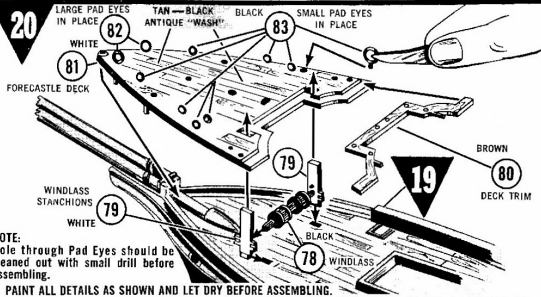
19

RIGHT BOW SPRIT HALF



Cement 76R to 77L. Slide this part thru hole in Assembly 18, then into locator, as shown. When positioned properly, apply cement.

20

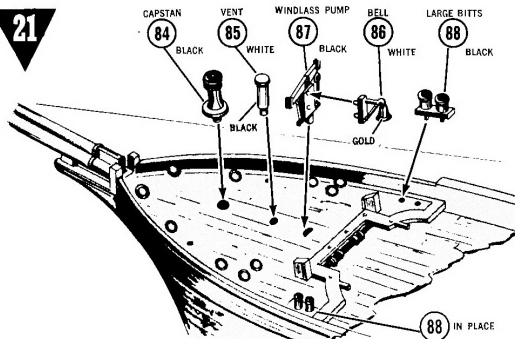


NOTE:
Hole through Pad Eyes should be cleaned out with small drill before assembling.

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement 78 into (2) parts 79. Now cement this Assembly into FORE Deck of Assembly 19. Cement 80 to 81. Place 81 down into Hull, locating Parts 79 thru slots in 81. When positioned properly, apply cement. At this point we suggest you use a small pair of household tweezers to hold all small parts as shown. Now cement (2) parts 82, as shown, IN PLACE. Cement (8) parts 83 into 81.

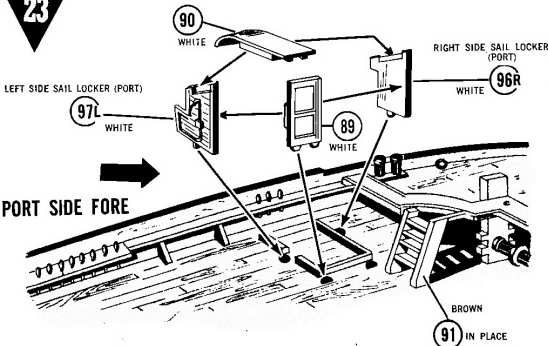
21



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

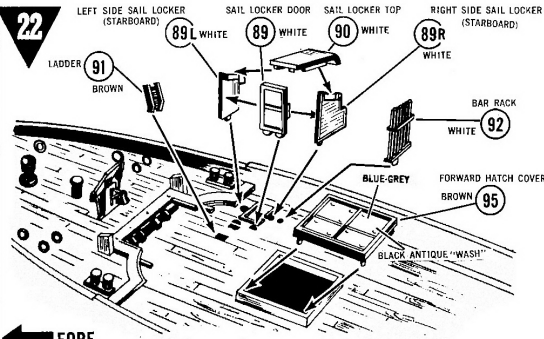
Cement 84 and 85 into place, as shown. Next cement 86 to 87, then cement 87 into place. Now cement (2) parts 88 into place.

23



Cement 96R, 89 and 97L to deck. Next, cement remaining part 90 onto 96R, 89 and 97L. Cement Ladder part 91, as shown, in place into deck.

22

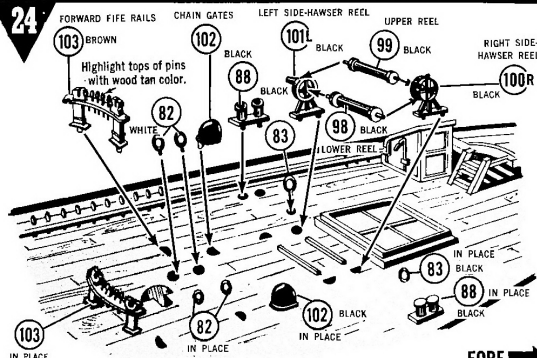


← FORE

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement 89L, 89 and 89R to deck. Next, cement 90 down onto 89L, 89 and 89R. Now cement (1) 91 to locators in deck. Cement 92 into place. Finally, PLACE DO NOT CEMENT 95 onto Hatch.

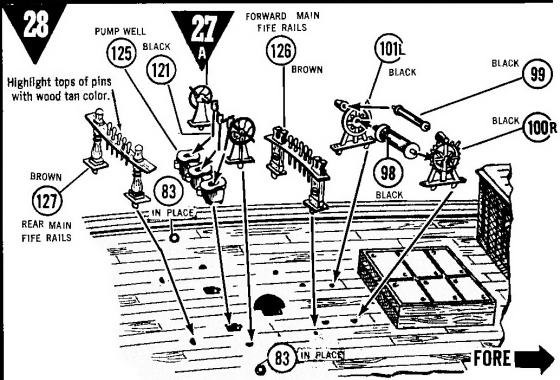
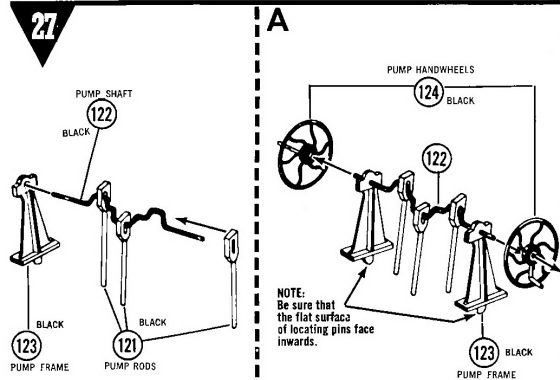
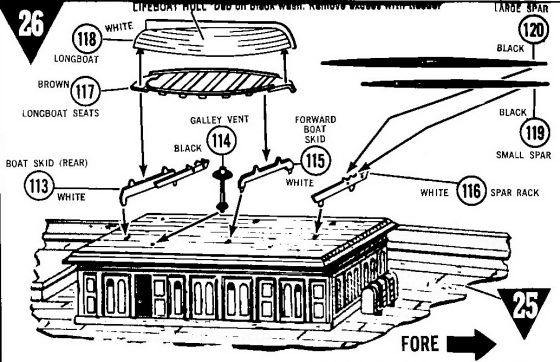
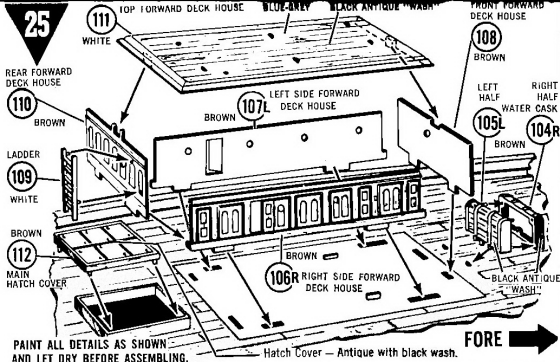
24



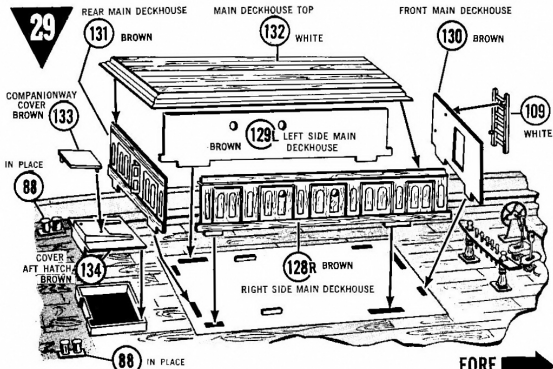
FORE →

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement (1) 88 and 99 into 100R and 101L. Cement this Assembly onto Deck. Now cement (2) Parts 102 into place. Cement (4) remaining Parts 82 into Deck as shown. Now cement (2) more Parts 83 and (2) more Parts 88 into Deck, as shown. Cement only (1) Part 103 into position as shown. The remaining Part 103: cement in place after completion of Standing Rigging.

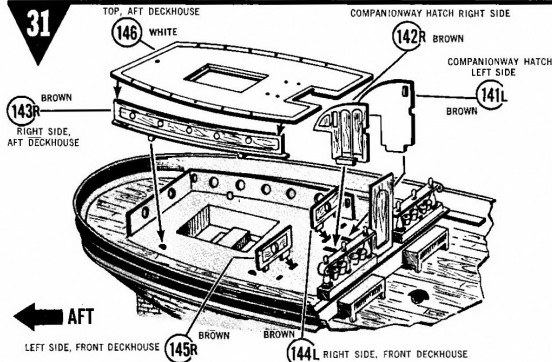


29



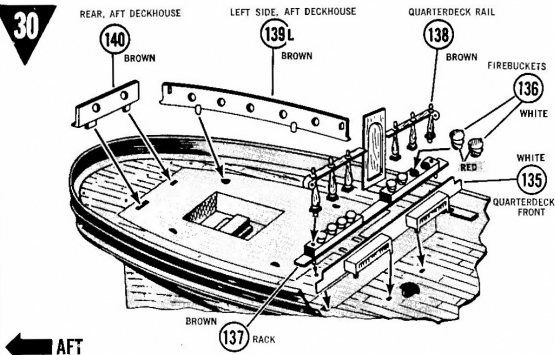
Cement 128R and 129L to Deck. Now cement remaining Part 109 to 130, then cement 130 to Deck and 128R and 129L. Next cement 131 to Deck and 128R and 129L. Cement 132 to all Cabin Walls. Finally, cement 133 to 134. Cement this Assembly onto Hatch, as shown. Now cement (2) remaining parts 88 onto deck as shown.

31



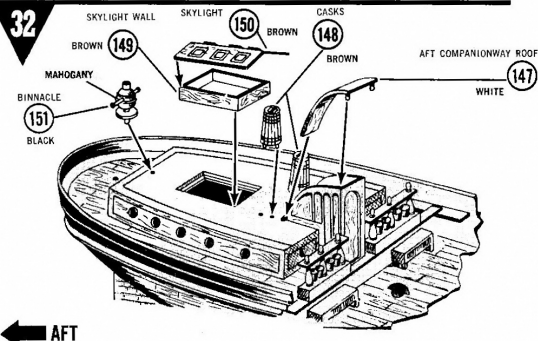
Cement 141L and 142R to Deck and 138, as shown. Now cement 143R to Deck. Cement 144L and 145R to Deck and Cabin Sides. Finally cement 146 to all Cabin Walls.

30



Cement 135 onto Deck and into Slots in Pin Rack. Now cement (8) Parts 136 into 137. Cement 137 onto Deck, as shown. Next cement 138 into 137. Finally cement Parts 139L and 140 into place, as shown.

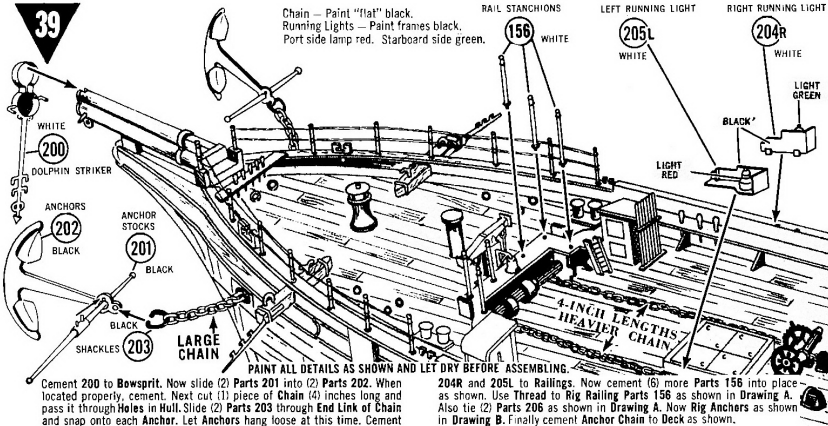
32



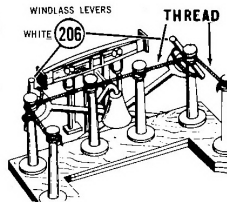
PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement 147 into place. Cement (2) Parts 148 to Cabin Top. Now cement 149 onto Aft Cabin Roof. Place DO NOT CEMENT 150 onto 149. Finally cement 151 into place.

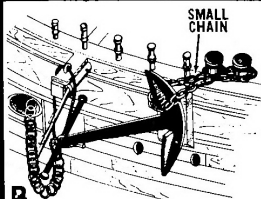
39



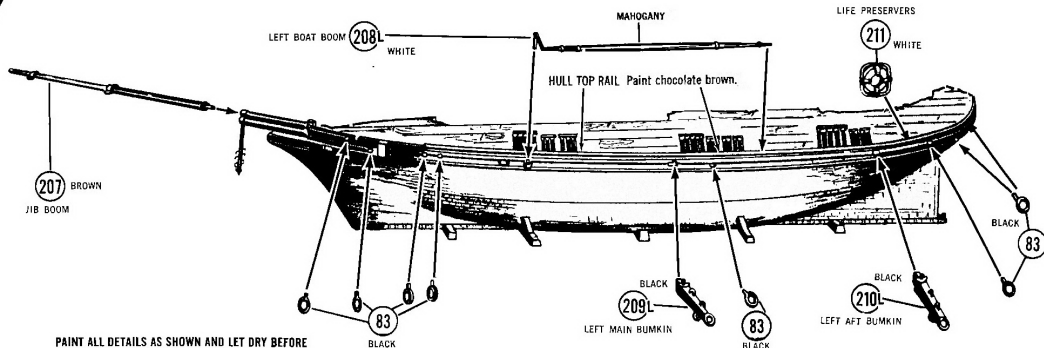
A



B



40

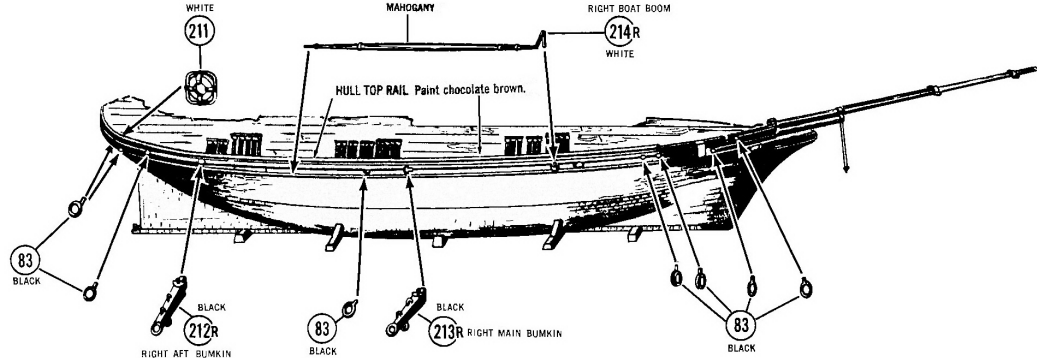


PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Starting at the Fore End of your model, cement 207 to Bowsprit. Next using tweezers cement (4) more Parts (83) to Bow. Cement

Part 208L to Hull. Cement 209L to Hull. Next cement (1) 83 to Hull. Cement 210L and (3) parts 83 to Hull. Finally cement (1) Part

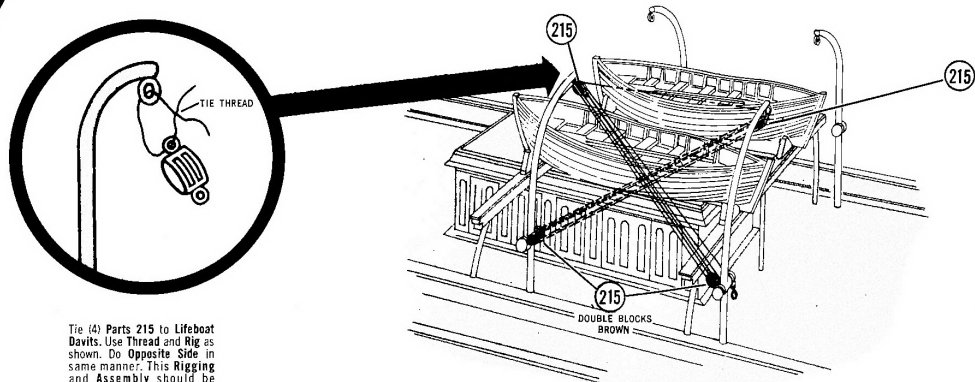
211 to inside of Railings.



PAINT ALL DETAILS AND LET DRY BEFORE ASSEMBLING

Turn model around. Starting at the Aft End, cement (3) Parts 83 and 212R to Hull. Next cement 213R into place. Place, or cement 214R to Hull. Cement (5) more Parts 83 to Hull. Finally cement remaining Part 211 in place.

42



Tie (4) Parts 215 to Lifeboat Davits. Use Thread and Rig as shown. Do Opposite Side in same manner. This Rigging and Assembly should be added after completion of Running Rigging.

This drawing is of a typical ratline installation as called for in **Step 4** of the **STANDING RIGGING**. (SEE SEPARATE RIGGING SHEET)

The **RATLINES** are installed AFTER the **FORESTAYS** have been rigged. At that time trim **RATLINES** as INDICATED in **PATTERN** on **BACK** of this page.

TIE the UPPER ENDS of all **RATLINES** to **MASTS** as indicated in Details **L, J, and I**. PLACE, DO NOT TIE the lower ends BETWEEN the **BARs** at the TOP of EACH **DEADYEYE** ASSEMBLY (Detail **K**). After the **BACK STAYS** are rigged, tie each **VERTICAL RATLINE** thread to its **DEADYEYE**. Then cement halves of **DEADYEYES** together. **TRIM EXCESS THREAD**.

RATLINE CUTTING PATTERN

PLACE RATLINES ON CUTTING PATTERN AND CUT TO PROPER SIZE.

LEAVE CENTER THREAD
TO TIE AT MAST TOP

CUT AS INDICATED
AND TIE TO MAST

LEAVE CENTER THREAD
TO TIE AT CROSSTREE

REMOVE HORIZONTAL LINES INDICATED BY DOTS.
LEAVE LOWER VERTICAL LINES TO TIE TO DEAD-
EYES. SEE DETAIL DRAWINGS IN STEP 4 OF RIG-
GING SHEET. TRIM EXCESS LINE AFTER TIEING.

FORE

MAIN

MIZZEN

FORE

MAIN

MIZZEN

FORE

MAIN

MIZZEN

FROM HULL DEADYEYES TO MAST TOP

FROM MAST TOP DEADYEYES TO CROSSTREE

FROM CROSSTREE DEADYEYES TO MAST

4099-781

Sailing Ships have two kinds of Rigging: Standing Rigging and Running Rigging. Standing Rigging is the permanently installed lines used to locate and support the Masts. Once installed these lines become a structural part of the ship. As they are not working lines they are coated with tar to protect them from the elements. Running Rigging is the working lines of a ship, used to raise or lower, as well as trim the sails. As they are in constant use they must be left in their natural state.

For this reason your kit contains two colors of thread, Black for Standing Rigging, Tan for Running Rigging.

You will find Riggering your Model much easier if you pull each piece of thread as used, over a cake of Bee's wax or Paraffin. This will prevent moisture from affecting the Riggering as well as help prevent the thread ends from fraying when installing through blocks or eyebolts.

The Standing Riggering must be installed before the Running Riggering. This consists of the Chain and Bowspirit stays, all Rattlines and the Masts Fore and Back Stays, then you may proceed to the Running Riggering.

Two sizes of each Thread are included. Generally the larger Thread is used in both Standing and Running Riggering for the lower Lines and the lighter or thinner Thread is used for the Upper Riggering. The size Thread to use will be indicated by a heavy or light line in the Riggering Illustrations.

HEAVY =  LIGHT = 

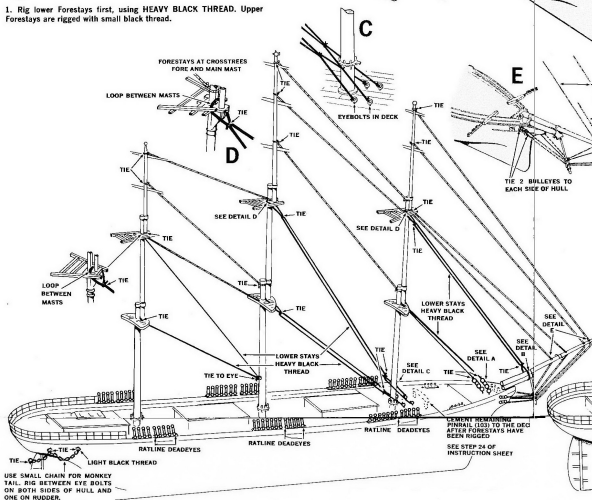
All lines should be pulled just tight enough to remove any slack, over-tightening will warp Masts out of alignment. Secure all ties with a small drop of cement, then trim excess Thread when cement has set.

Start with Step 1. First read all text carefully and then proceed, rigging all lines as shown or described. Refer to SMALL DRAWINGS (A, B, C etc.) when noted in Steps by Detail. Drawings may be typical such as "G", which is typical at all Mast Tops & Caps.

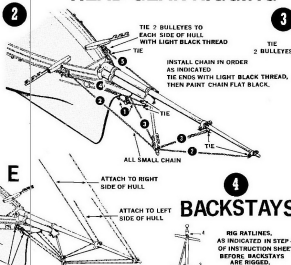
Due to the complexity of Rigging your ship, most of the illustrations will show only those lines on the ship's centerline or those installed on one side only. Duplicate lines must be installed on the other side as well. **EXAMPLE:** Pin 16 (RH-32) means to tie this line to Pin 16 on this side of Ship and tie its duplicate line on the other side of the Ship to Pin 32.

1 FORESTAYS

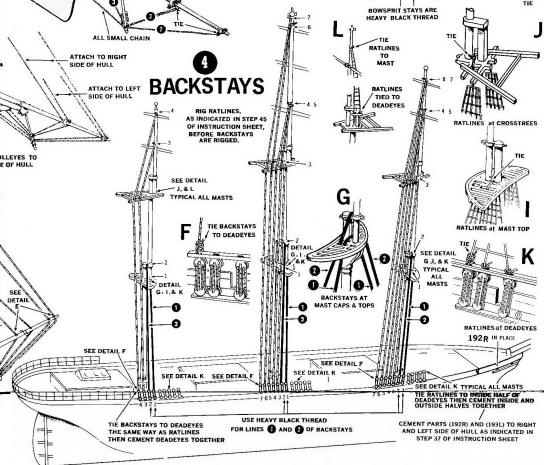
1. Rig lower Forestays first, using **HEAVY BLACK THREAD**. Upper Forestays are rigged with small black thread.



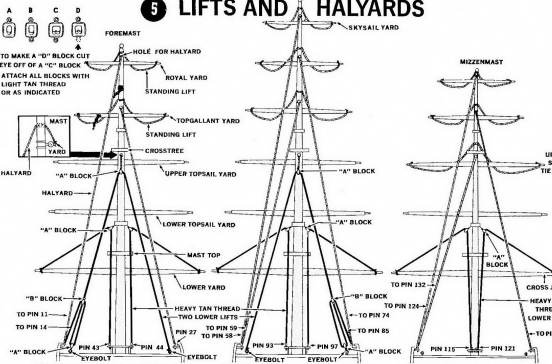
HEAD GEAR RIGGING



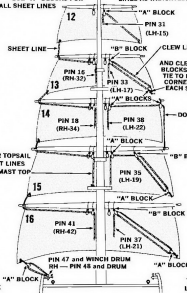
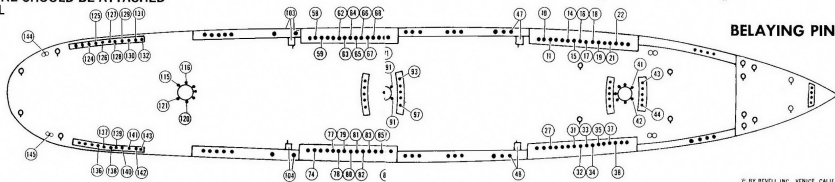
BACKSTAYS



5 LIFTS AND HALYARDS



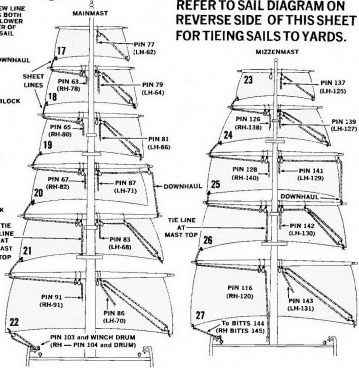
THIS TOP VIEW OF THE DECK INDICATES THE PROPER PIN OR EYEBOLT THAT EACH LINE SHOULD BE ATTACHED TO AS INDICATED IN DETAIL DRAWINGS ABOVE.



1. Tie DOWNHAUL, SHEET and CLEW BLOCKS to YARDS.
2. For with SAILS, antique and cut out SAILS and tie CLEW BLOCKS to SAILS (Refer to SAIL DIAGRAM on the reverse side of this sheet). Then tie SAILS to YARDS.
3. Rig SHEET LINES first, then DOWNHAUL and CLEW LINES. SHEET LINES are rigged through the inboard hole at each end of all YARDS. SHEET LINES, CLEW LINES and CLEW LINE BLOCKS tie to lower corner of SAIL (for W/O SAILS, tie SHEET LINE to EYE of CLEW BLOCK or to DOWNHAUL LINE). SHEET LINES are shown on the left side and DOWNHAUL and CLEW LINES on the right side of all three MASTS.

6 SHEET AND CLEW LINES

REFER TO SAIL DIAGRAM ON REVERSE SIDE OF THIS SHEET FOR TIEING SAILS TO YARDS.



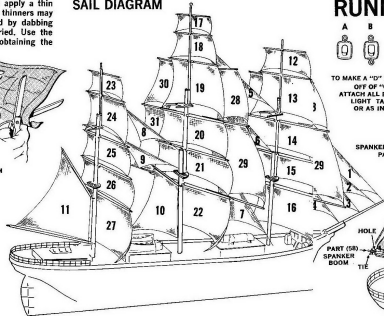
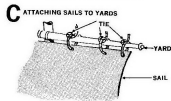
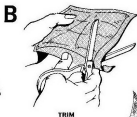
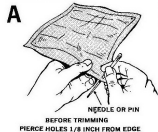
BELAYING PIN DIAGRAM

If you wish to give the Sails a Weathered Appearance apply a thin diluted wash of light gray paint. Use sparingly as some thinners may tend to crack the Plastic. Highlights can be obtained by dabbing areas with a soft cloth or tissue before paint has dried. Use the excess material around Sails to experiment with in obtaining the desired effect.

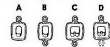
SAIL DIAGRAM

RUNNING RIGGING FORE AND AFT SAILS

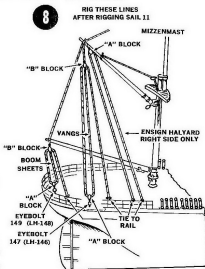
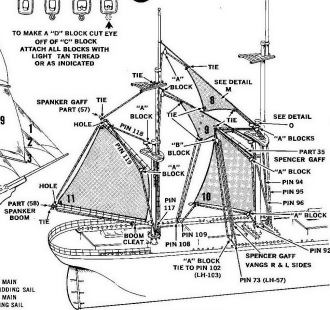
H-399-381



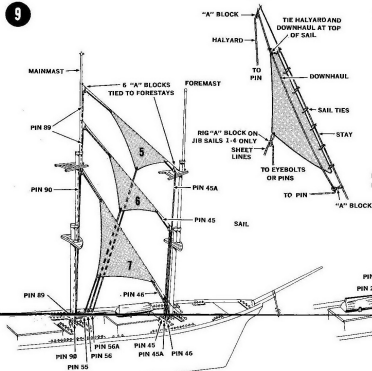
- | | | | | |
|-----------------------------|-------------------------------|------------------------|--------------------------|------------------------------------|
| 1. FLYING JIB | 8. MIZZEN TOPGALLANT STAYSAIL | 15. FORE LOWER TOPSAIL | 22. MAIN COURSE | 28. RIGHT FOR MAIN TOPGALLANT SAIL |
| 2. OUTER JIB | 9. MIZZEN TOPMAST STAYSAIL | 16. FORE COURSE | 23. MIZZEN ROYAL | 29. RIGHT FOR MAIN TOPMAST SAIL |
| 3. INNER JIB | 10. MAIN SPENCER | 17. MAIN SKYSAIL | 24. MIZZEN TOPGALLANT | 30. LEFT FOR MAIN TOPGALLANT SAIL |
| 4. FORE TOPMAST STAYSAIL | 11. SPANKER | 18. MAIN ROYAL | 25. MIZZEN UPPER TOPSAIL | 31. LEFT FOR MAIN TOPMAST STUDDIN. |
| 5. MAIN ROYAL STAYSAIL | 12. FORE ROYAL | 19. MAIN TOPGALLANT | 26. MIZZEN LOWER TOPSAIL | |
| 6. MAIN TOPGALLANT STAYSAIL | 13. FORE TOPGALLANT | 20. MAIN UPPER TOPSAIL | 27. MIZZEN CRO-JACK | |
| 7. MAIN TOPMAST STAYSAIL | 14. FORE UPPER TOPSAIL | 21. MAIN LOWER TOPSAIL | | |



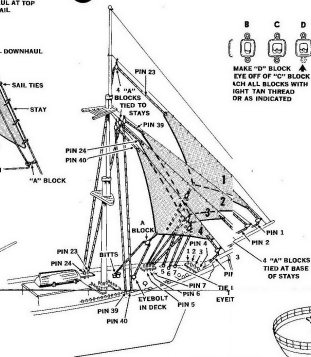
TO MAKE A "D" BLOCK CUT EYE
OFF OF "C" BLOCK
ATTACH ALL BLOCKS WITH
LIGHT TAN THREAD
OR AS INDICATED



9



10

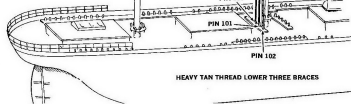


NOTE: SAILS (1) THROUGH (4) HAVE DOLE SHEET LINES THAT HAVE SEPARATE POINTS OF ATTACHMENT. SEE RELAYING PIN DIAG.

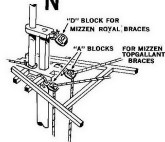
11 MIZZEN BRACES



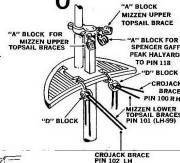
MAKE "D" BLOCK EYE OFF OF "C" BLOCK. MAKE ALL BLOCKS WITH 1/8" TAN THREAD OR AS INDICATED.



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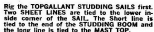
12



13



14



RIG THE LEFT SIDE STUDDING SAILS IN THE SAME WAY AS SHOWN FOR THE RIGHT SIDE