

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**

ASSEMBLE YOUR KIT.

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

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

- 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:

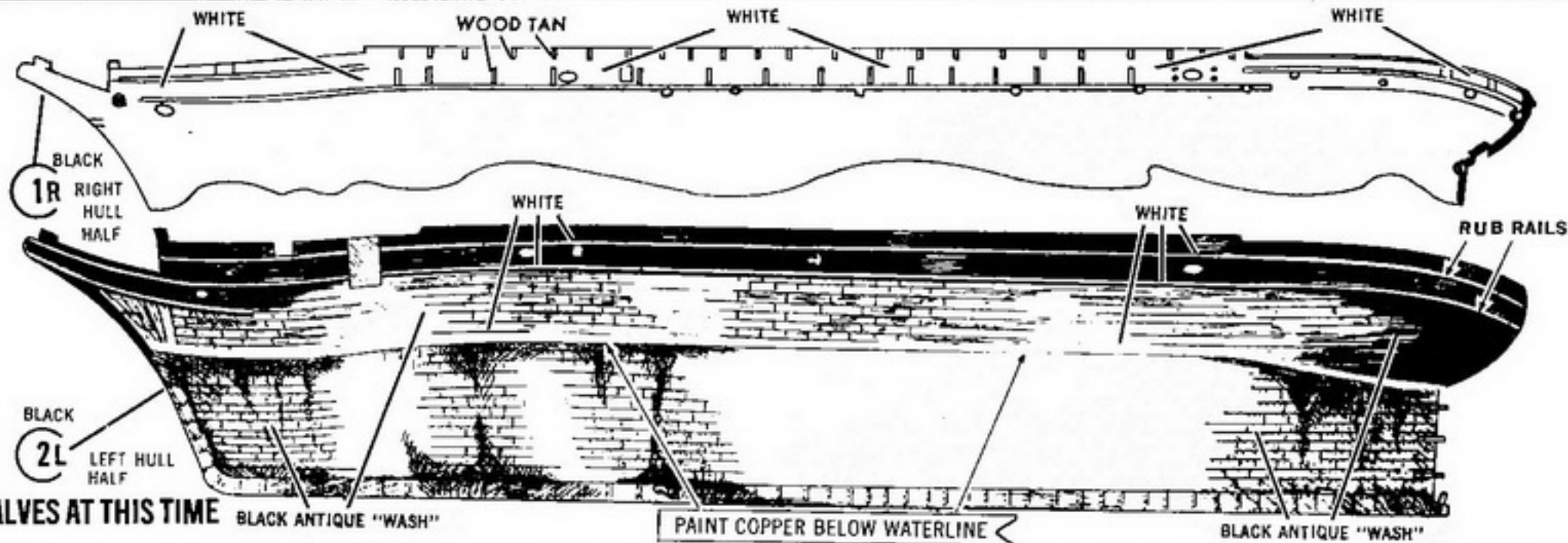
- | | |
|--|--------------------------|
| MODEL BUILDERS KNIFE & BLADES | scraping & trimming |
| SMALL FILES | finishing & fitting |
| FINE SANDPAPER & STEEL WOOL | finishing & fitting |
| BEE SWAX | rigging |
| SMALL PAINT BRUSHES | painting & cement |
| TWEEZERS | assembly & rigging |
| SCISSORS | 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.

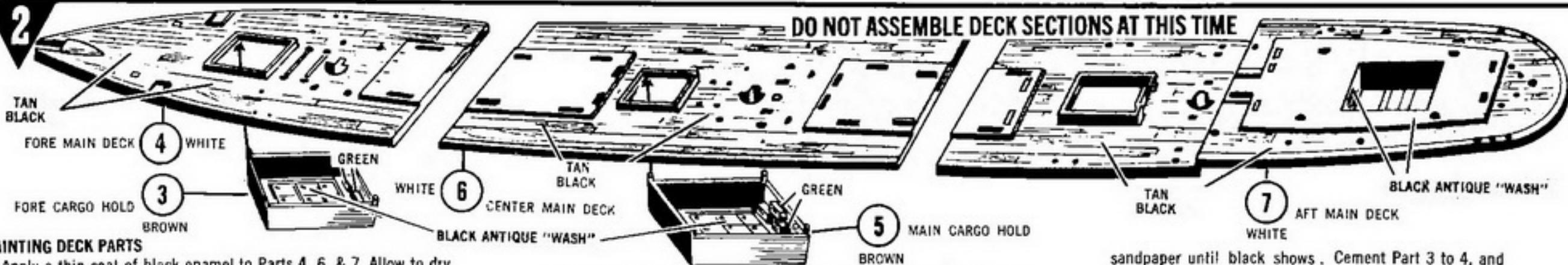
To obtain the maximum in appearance for your model follow these suggestions for painting the hull halves. Apply masking tape to the hull sides above the water line (the top row of engraved plates) and paint the bottom copper. Paint the interior above the molded horizontal rib white. Paint the exterior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

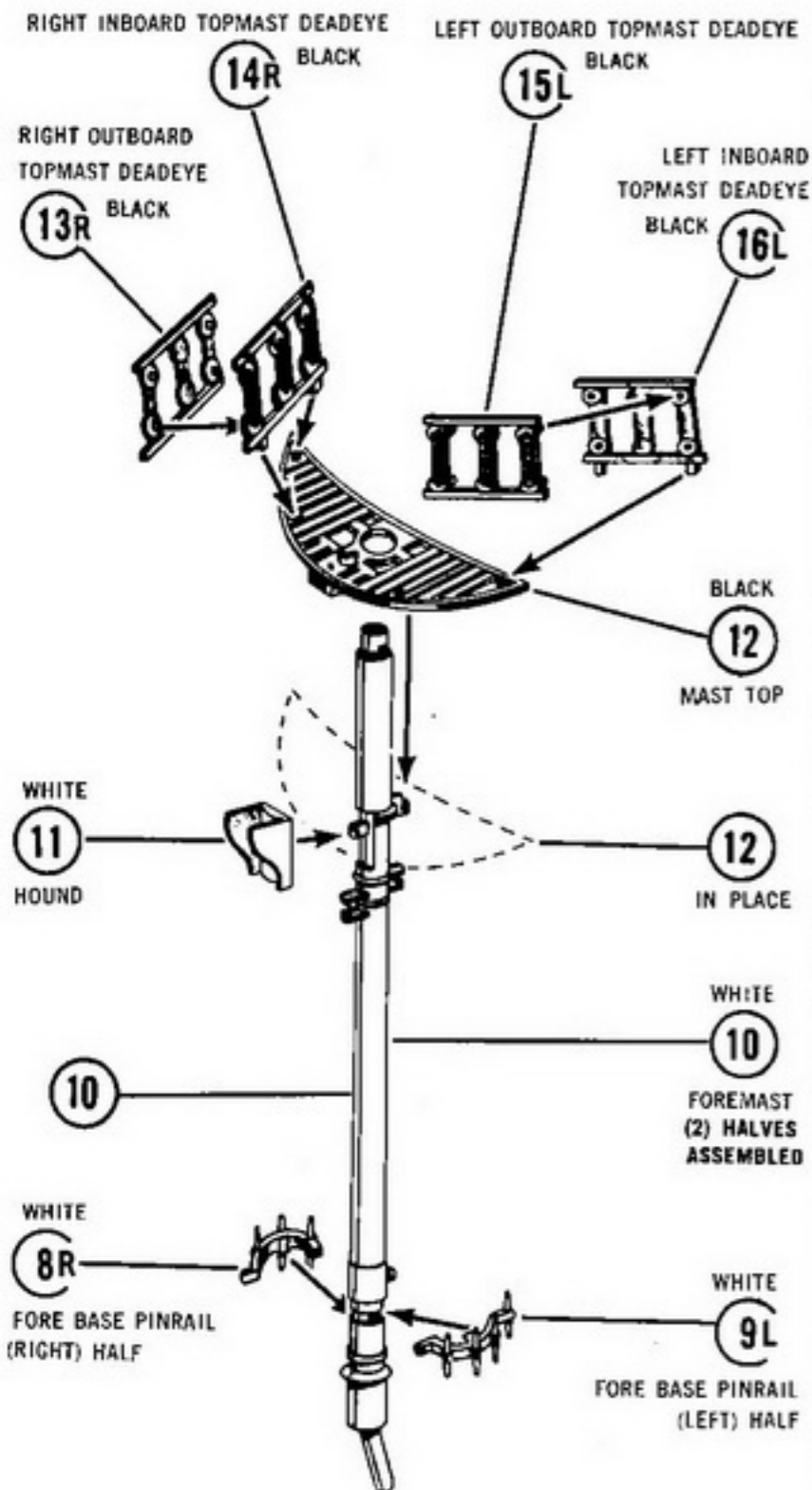


sandpaper until black shows. Cement Part 3 to 4, and Part 5 to 6.

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

3

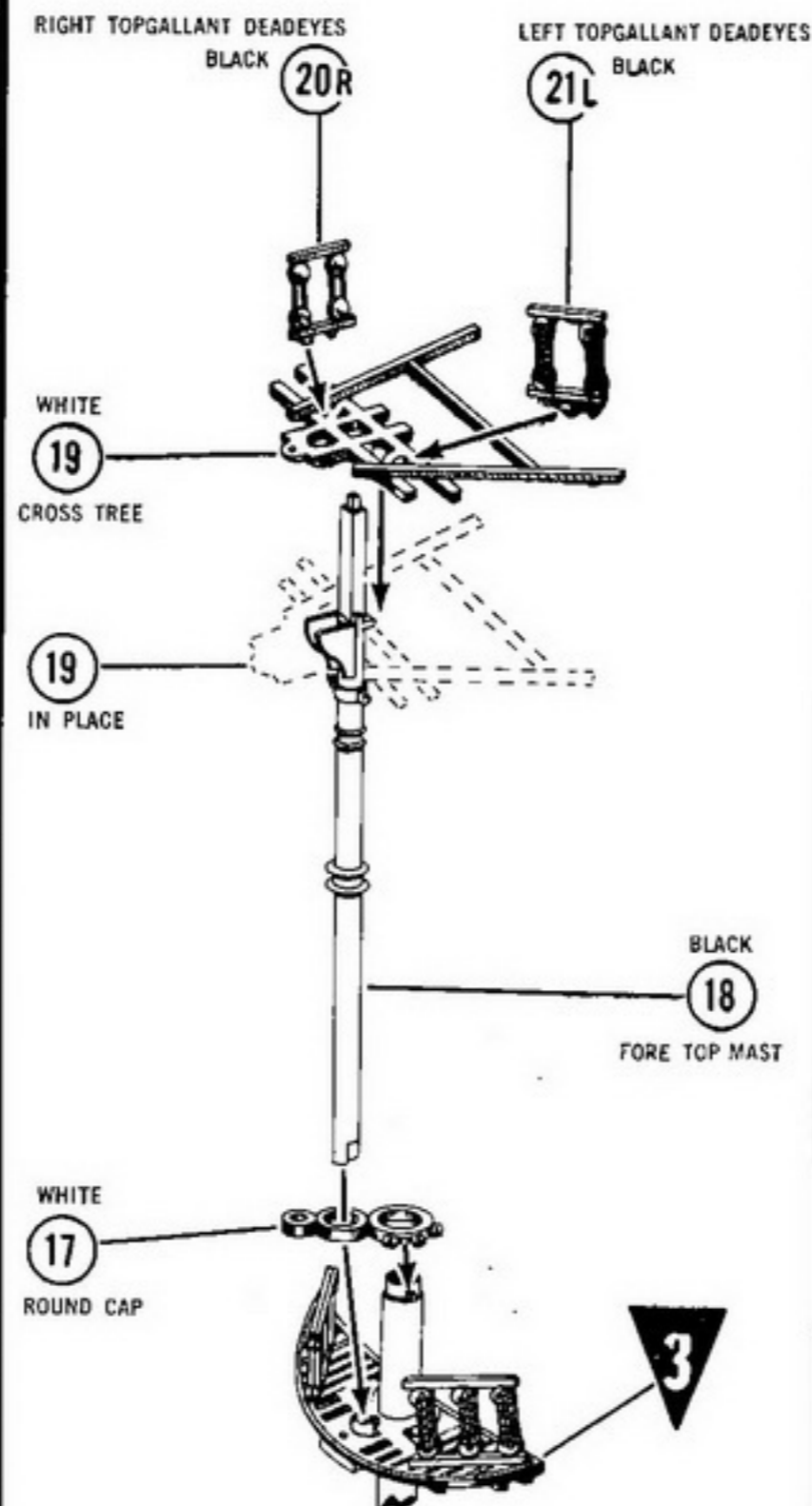
FOREMAST



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

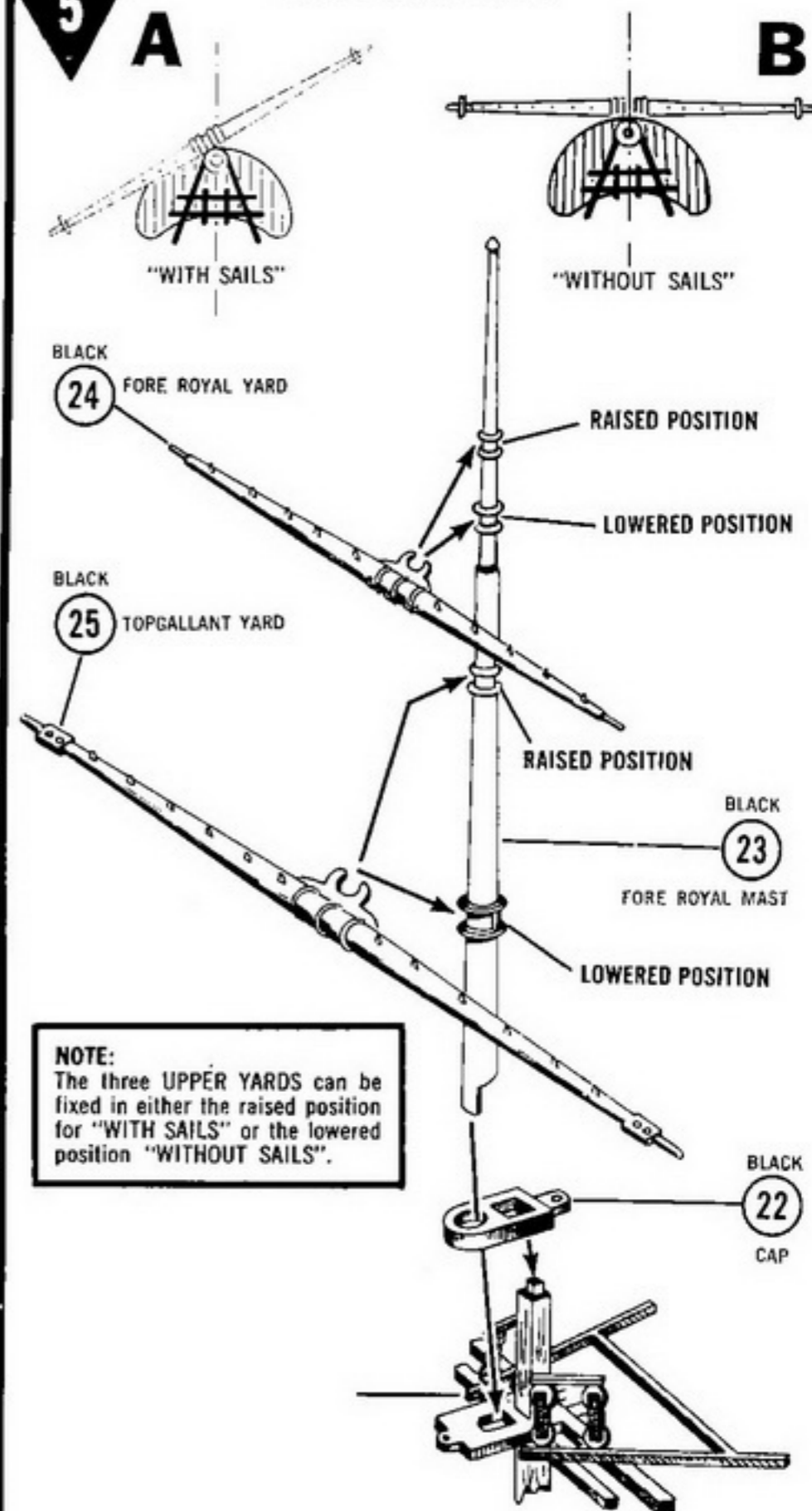
FORE TOPMAST



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.

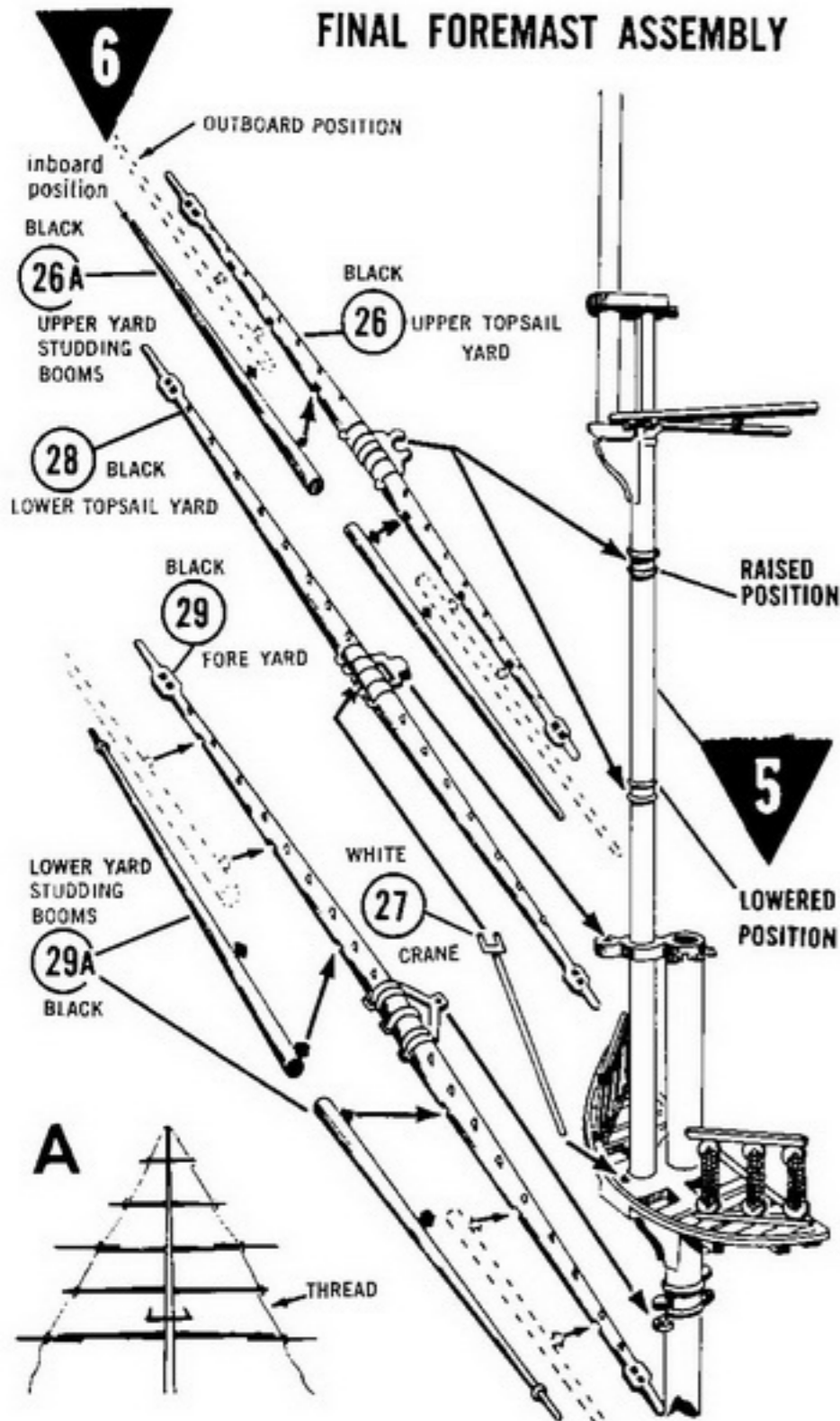
5

FORE ROYALMAST



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 SAILED)

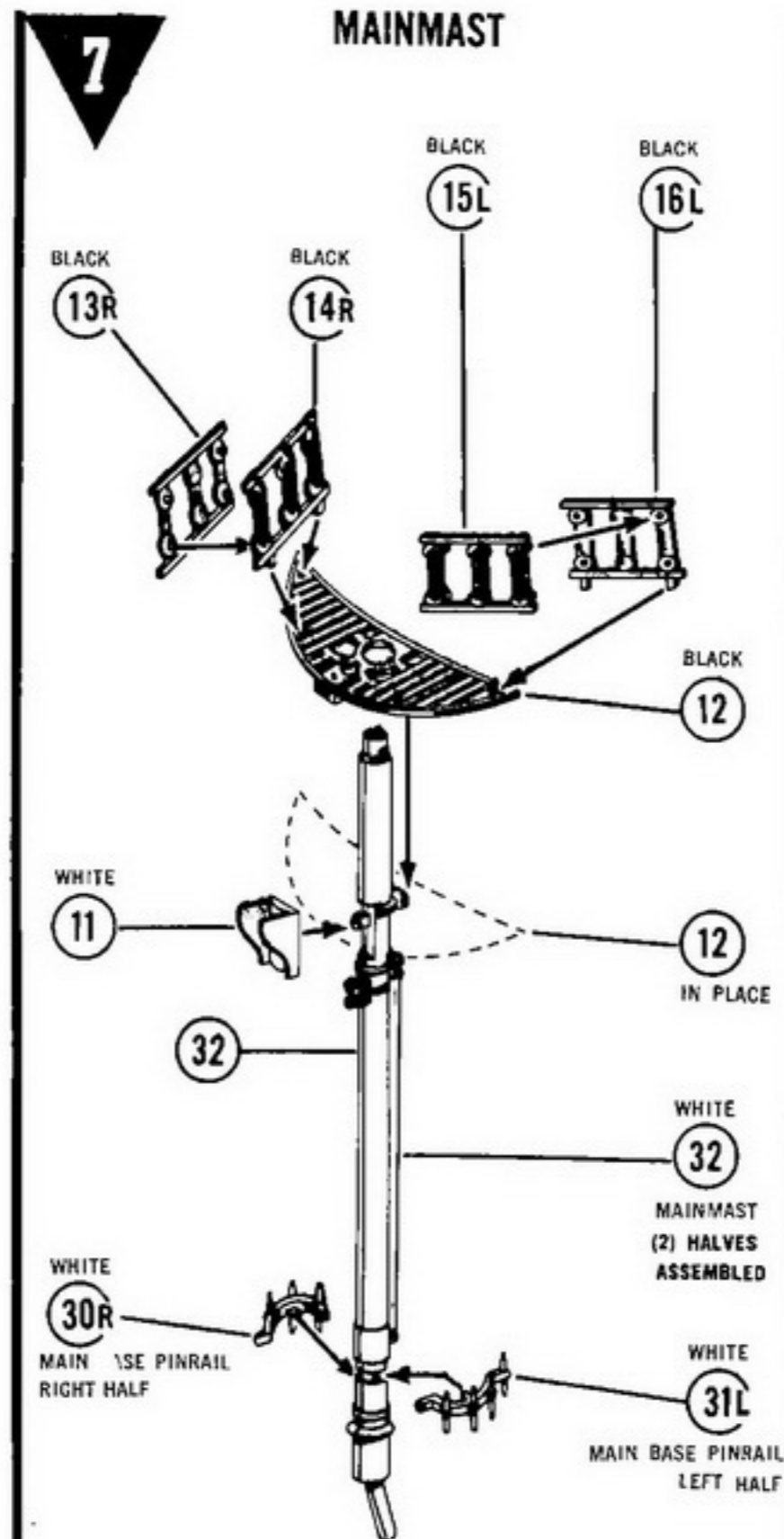
6 FINAL FOREMAST ASSEMBLY



Cement (2) Parts 26A to 26 at the inboard position for without SAILS, at the outboard position for with SAILS. Cement 26 into 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.

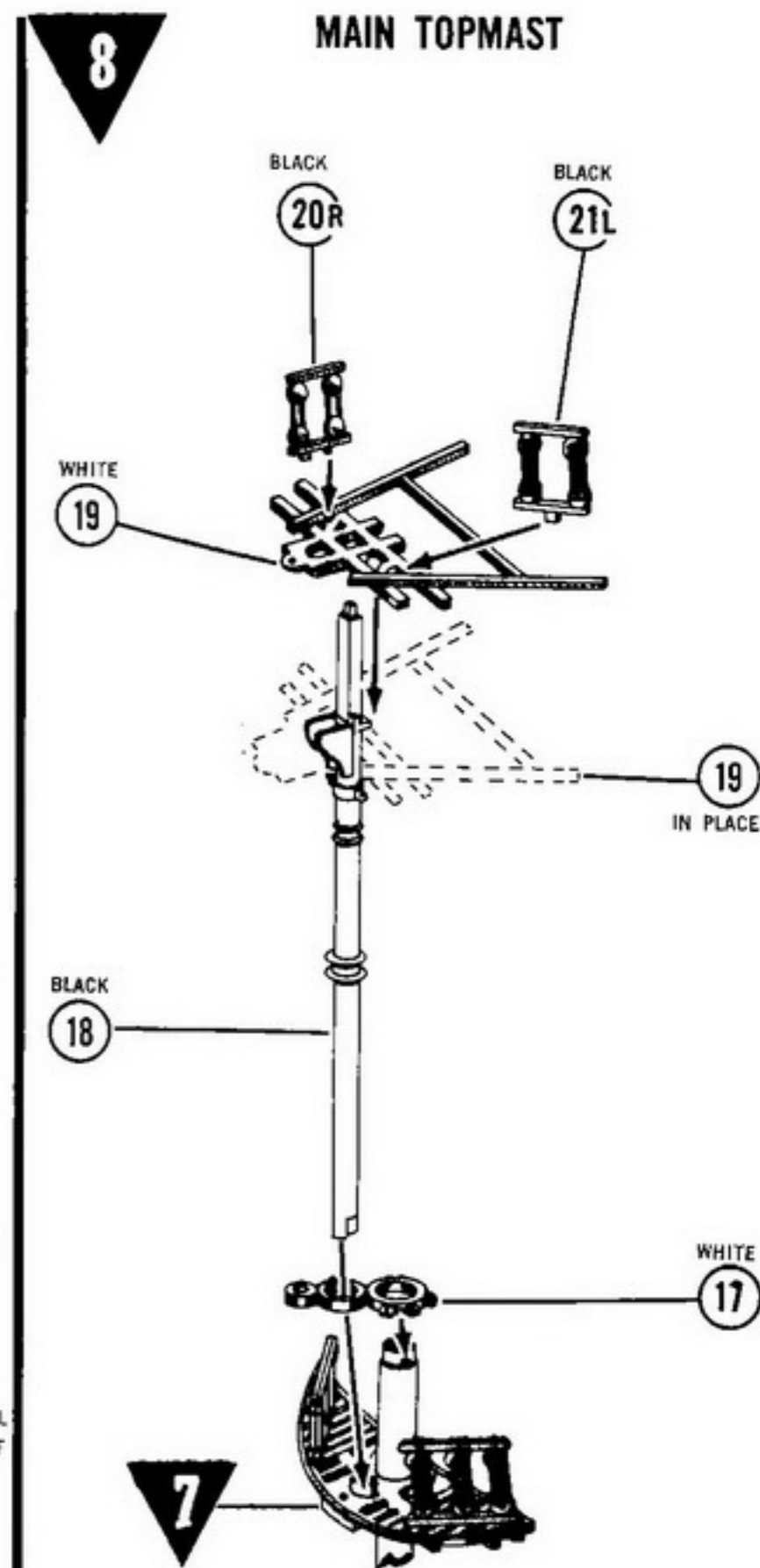
7 MAINMAST



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.

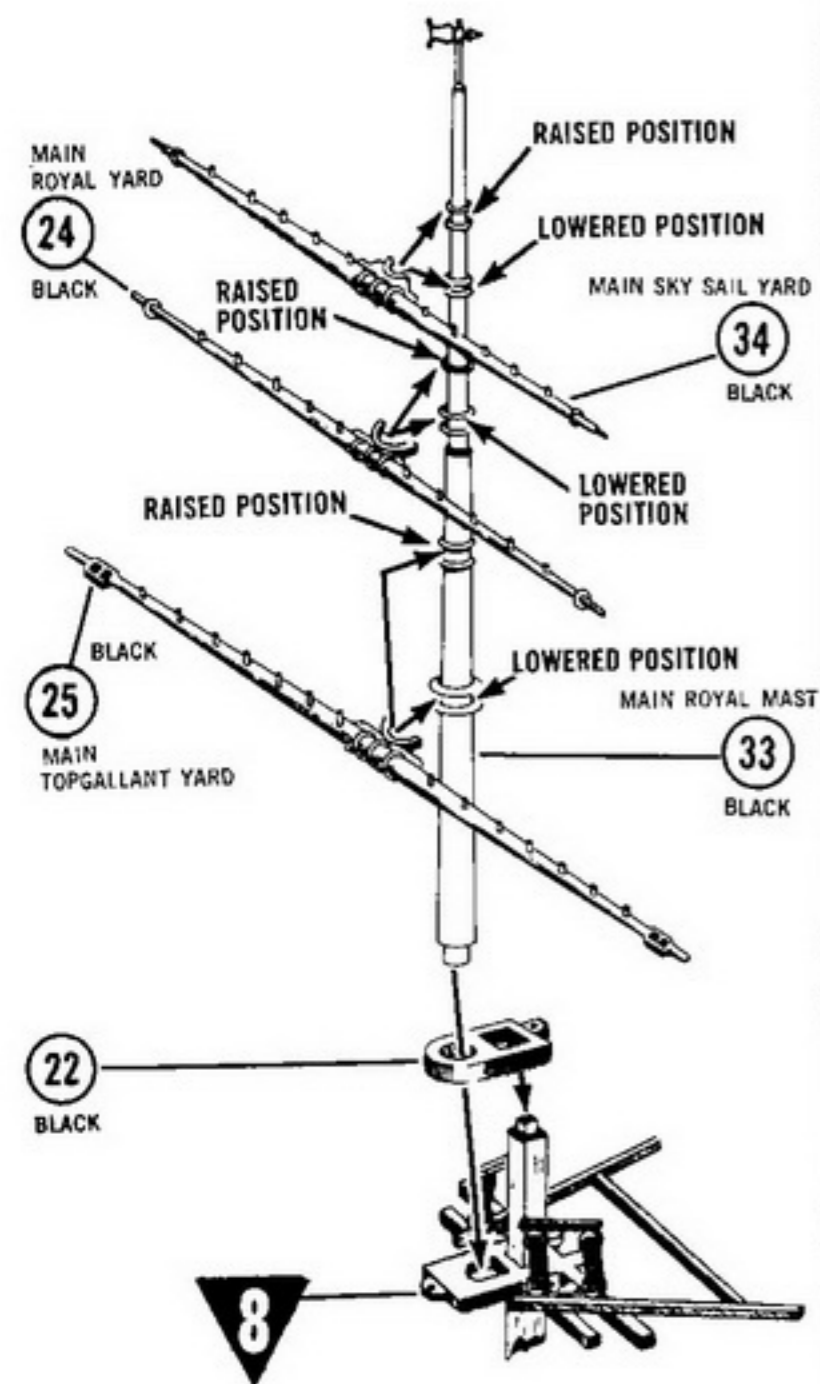
8 MAIN TOPMAST



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

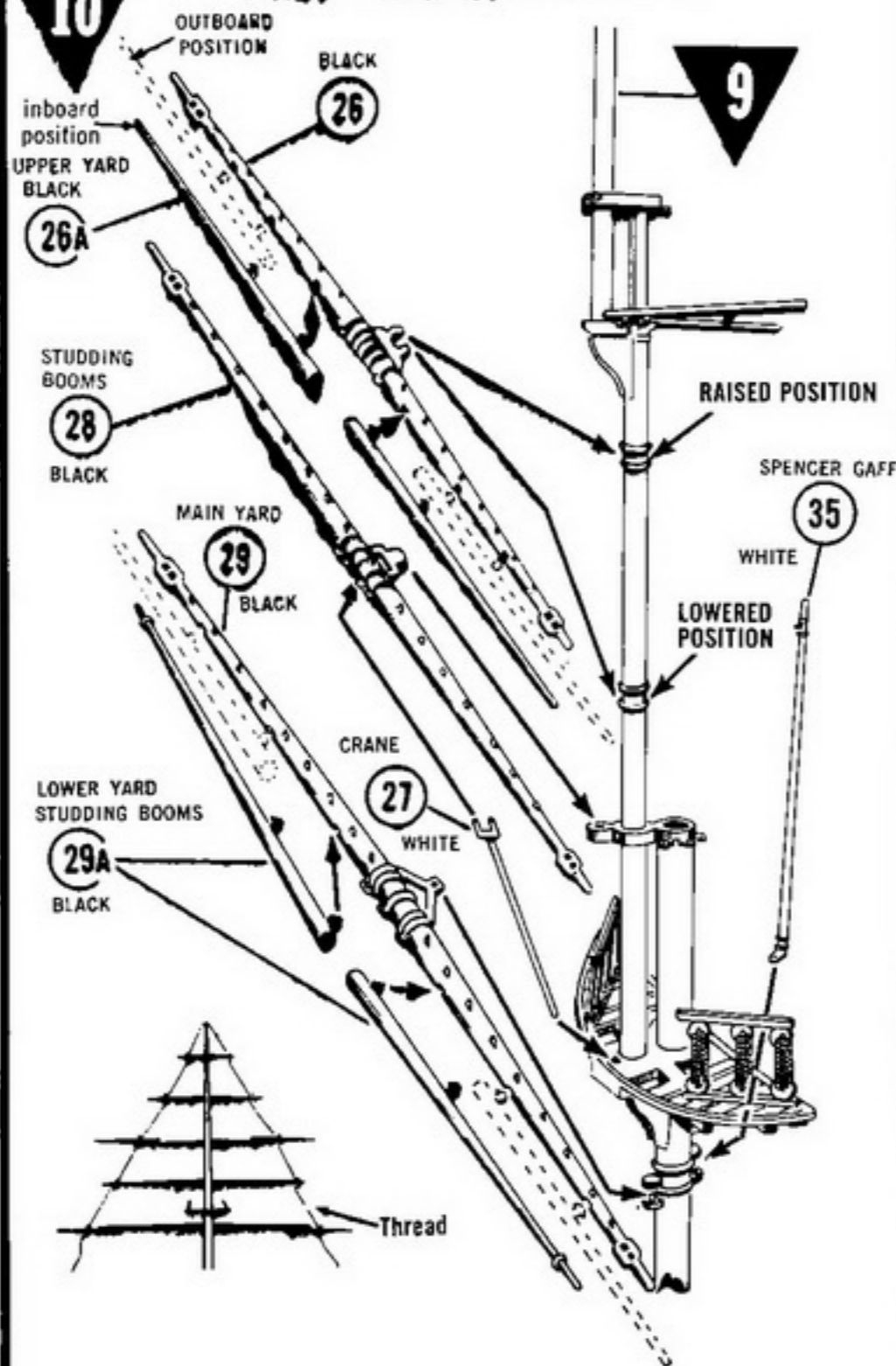
MAIN ROYALMAST



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.

10

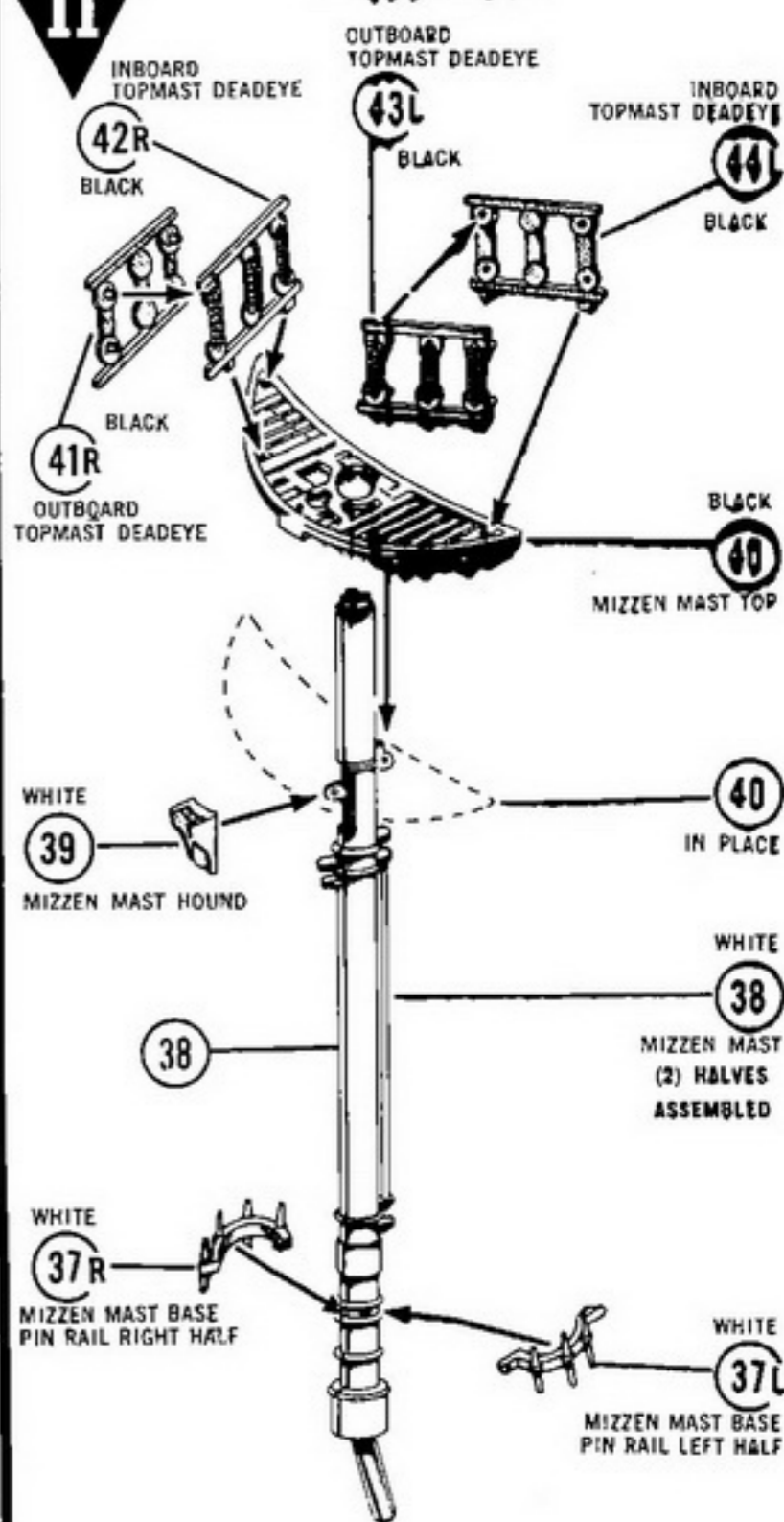
FINAL MAINMAST ASSEMBLY



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 9. 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.

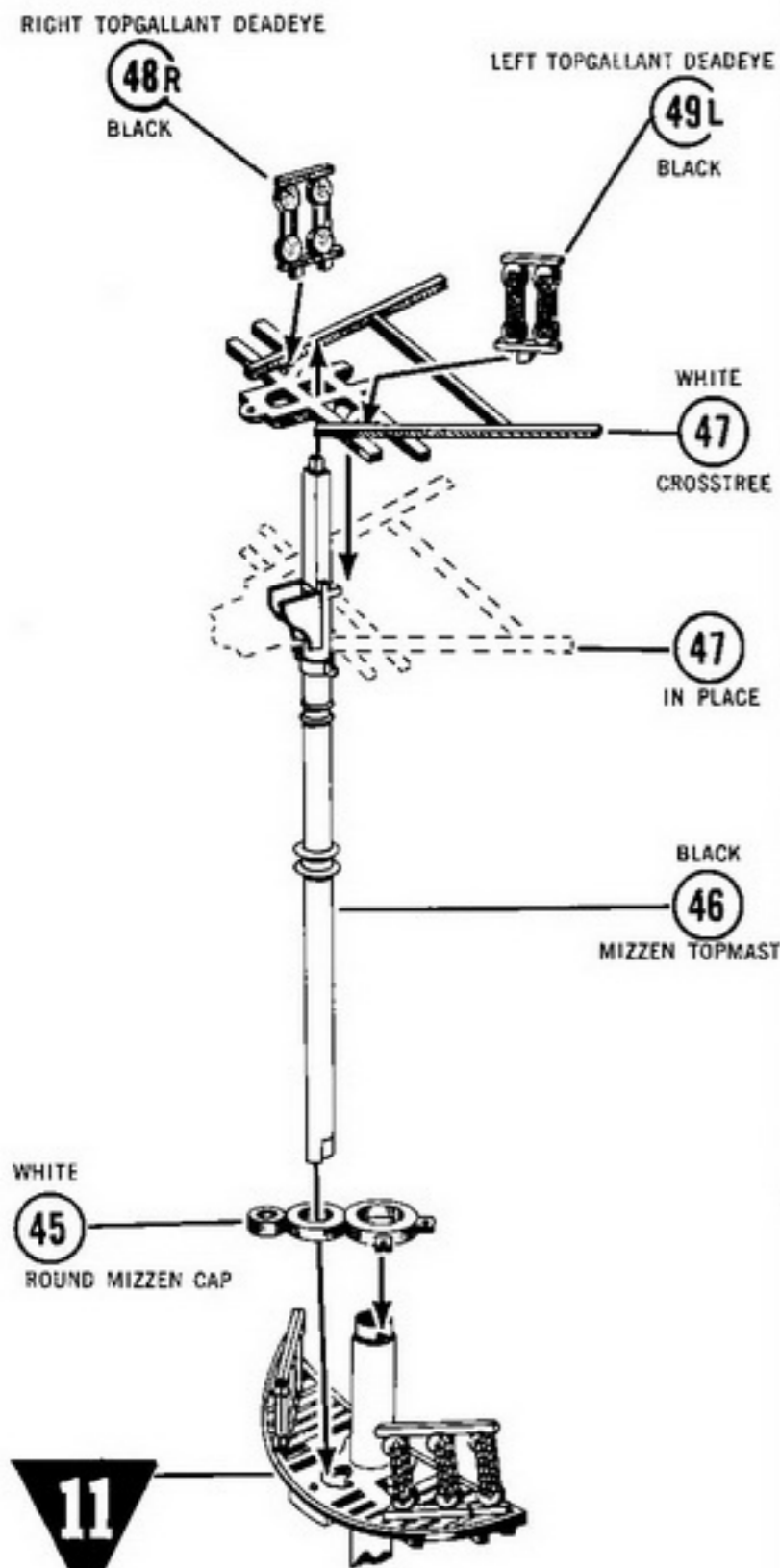
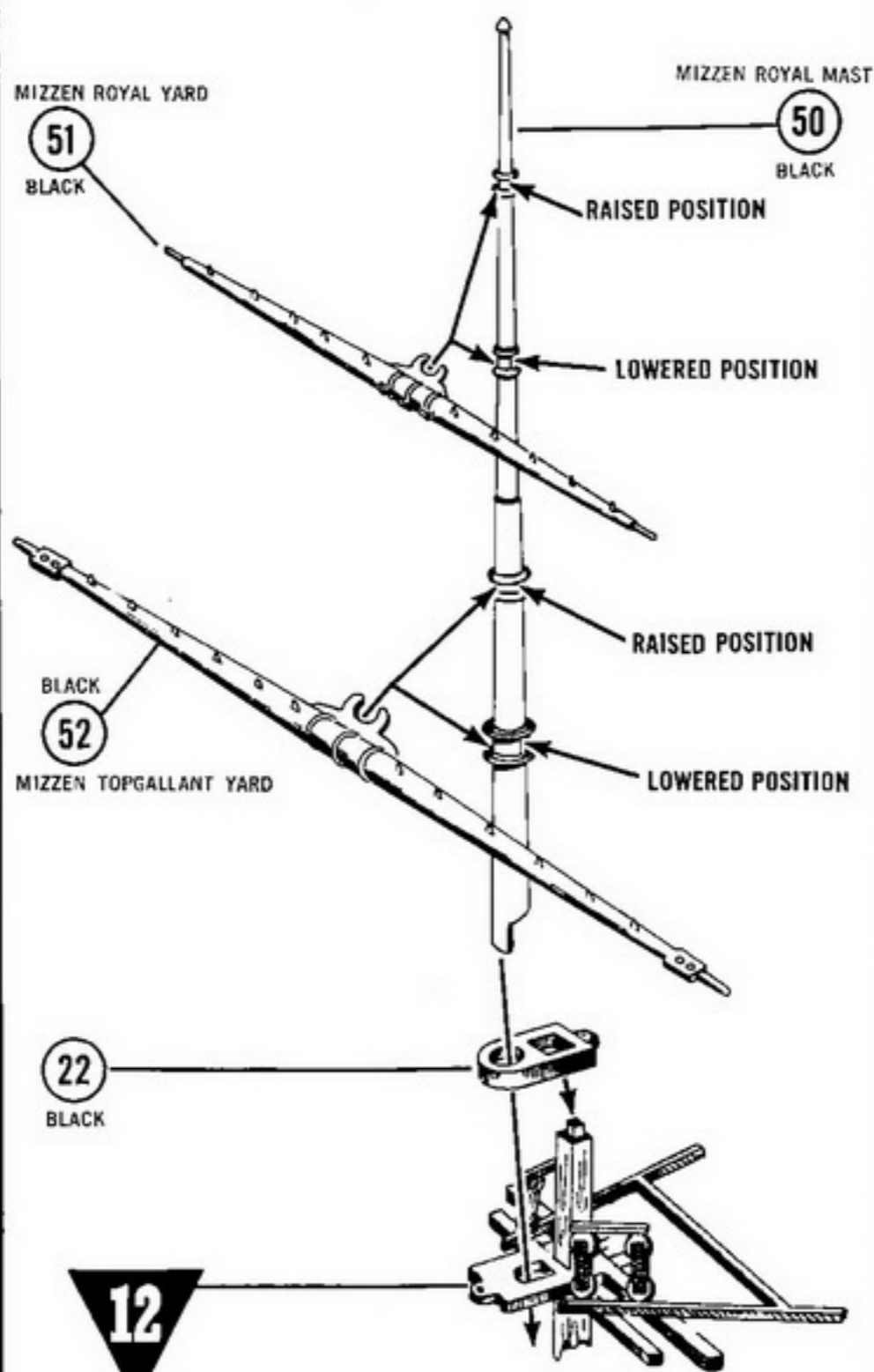
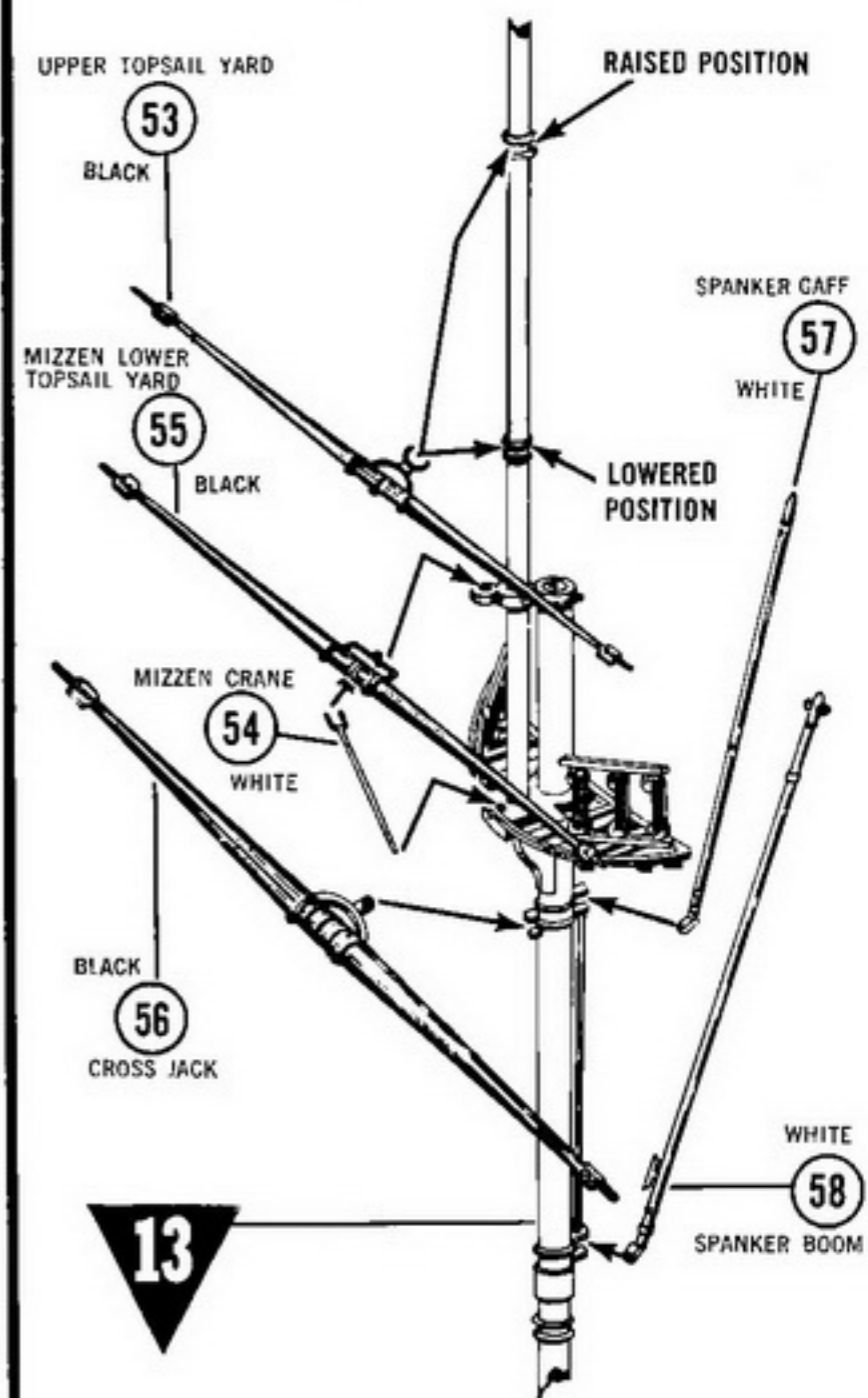
11

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.

12**MIZZEN TOPMAST****13****MIZZEN ROYALMAST****14****FINAL ASSEMBLY MIZZENMAST**

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.

15

SHORT KEEL SUPPORTS

BLACK ANTIQUE "WASH"

AFT LARGE KEEL SUPPORT

FORE LARGE KEEL SUPPORT

CENTER KEEL SUPPORT

59 BROWN

60 BROWN

61 BROWN

62 BROWN

59 BROWN

LEFT HULL HALF

2L

BLACK

RIGHT HULL HALF

1R

BLACK

A

PAPER OR CLOTH
CLOTHESPIN

BE SURE ALL PAINT IS THOROUGHLY DRY BEFORE PROCEEDING

Cement Hull Halves 1R and 2L together. Cement (2) parts 59 and parts 60, 61 and 62 onto 1R and 2L. We suggest you use clothes pins as clamps to help hold Hull Halves together. Use paper or cloth around Hull to prevent scratching painted Hull, as shown in Small Drawing A.

16

FORE MAIN DECK

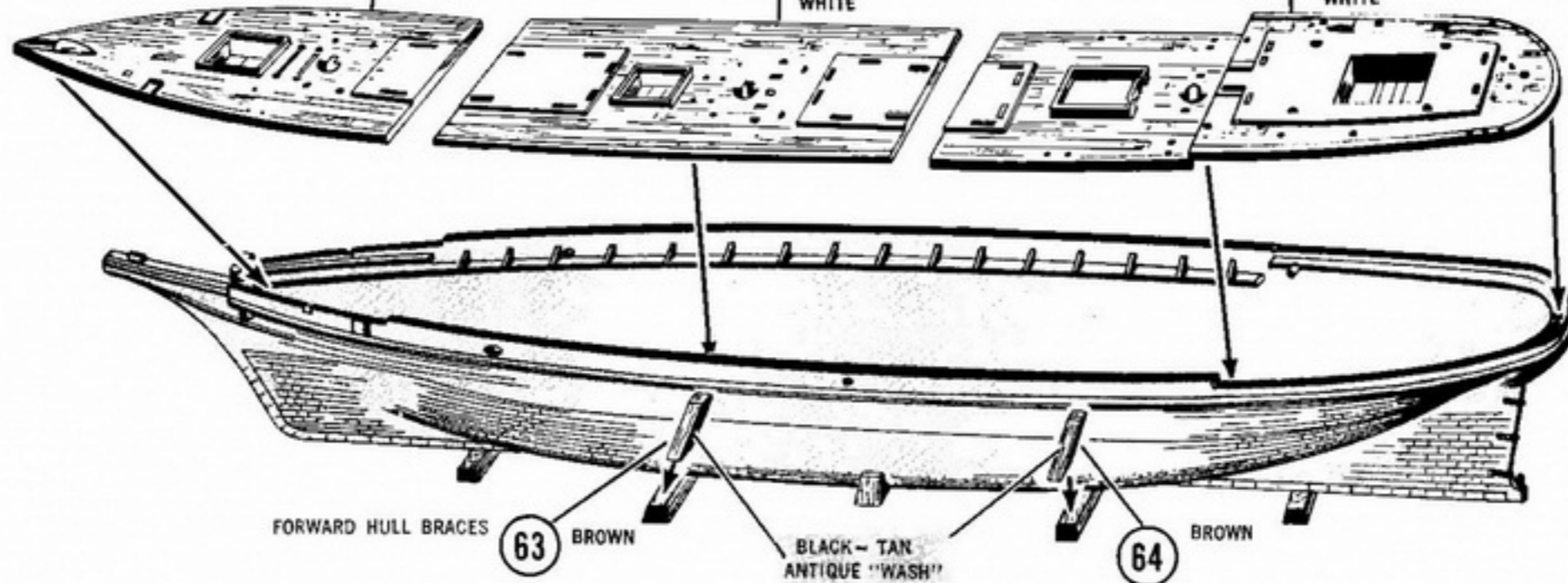
CENTER MAIN DECK

AFT MAIN DECK

4 WHITE

6 WHITE

7 WHITE



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

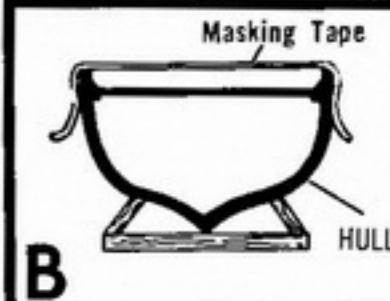
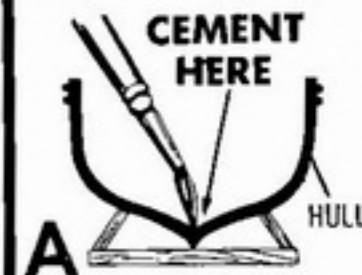
REAR HULL BRACES

TURN YOUR HULL RIGHT SIDE UP, AS SHOWN

We suggest you run a bead of glue inside Hull where Halves meet, as shown, in Small Drawing A. Now cement (2) parts 63 to Long

Front Supports and (2) parts 64 to Long Rear Support, as shown. Place Decks, parts 4, 6 and 7 into Hull. When all Decks are positioned properly, we suggest you use Masking Tape to pull

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

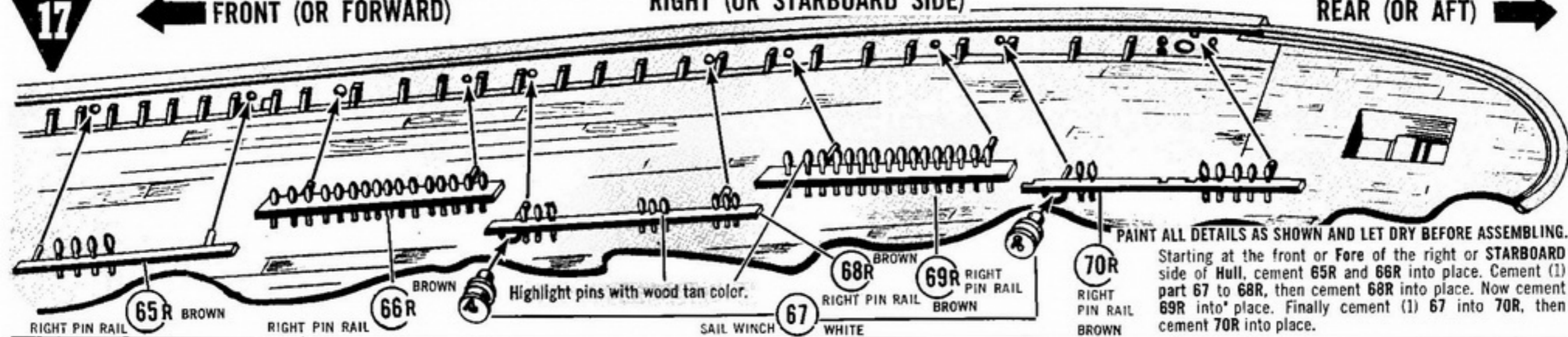


17

FRONT (OR FORWARD) ←

RIGHT (OR STARBOARD SIDE)

REAR (OR AFT) →



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

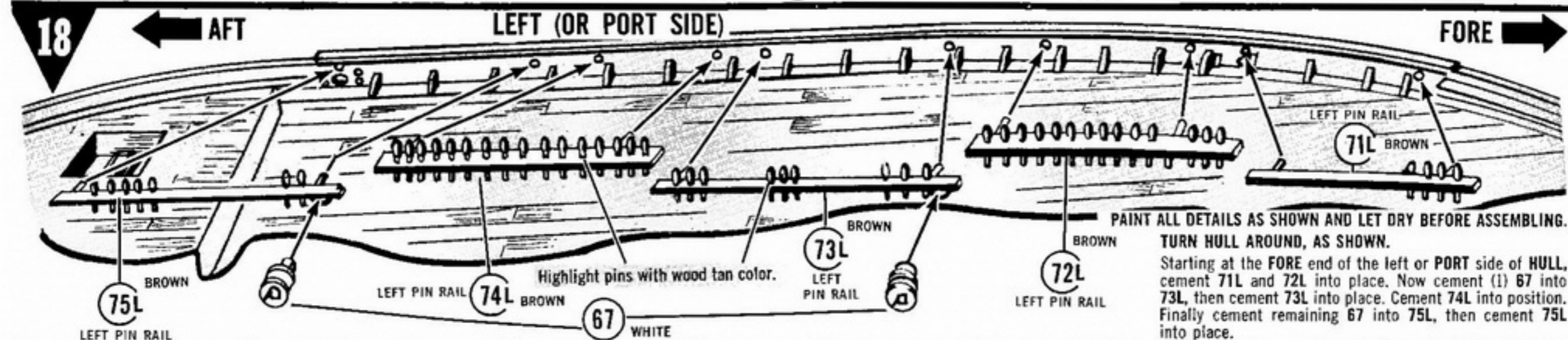
Starting at the front or Fore of the right or STARBOARD side of Hull, cement 65R and 66R into place. Cement (1) part 67 to 68R, then cement 68R into place. Now cement 69R into place. Finally cement (1) 67 into 70R, then cement 70R into place.

18

← AFT

LEFT (OR PORT SIDE)

FORE →



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

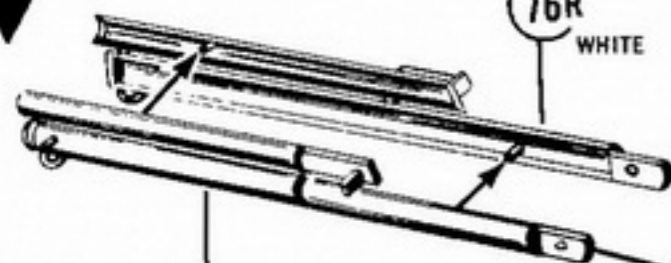
TURN HULL AROUND, AS SHOWN.

Starting at the FORE end of the left or PORT side of HULL, cement 71L and 72L into place. Now cement (1) 67 into 73L, then cement 73L into place. Cement 74L into position. Finally cement remaining 67 into 75L, then cement 75L into place.

19

RIGHT BOW SPRIT HALF

76R WHITE



WHITE

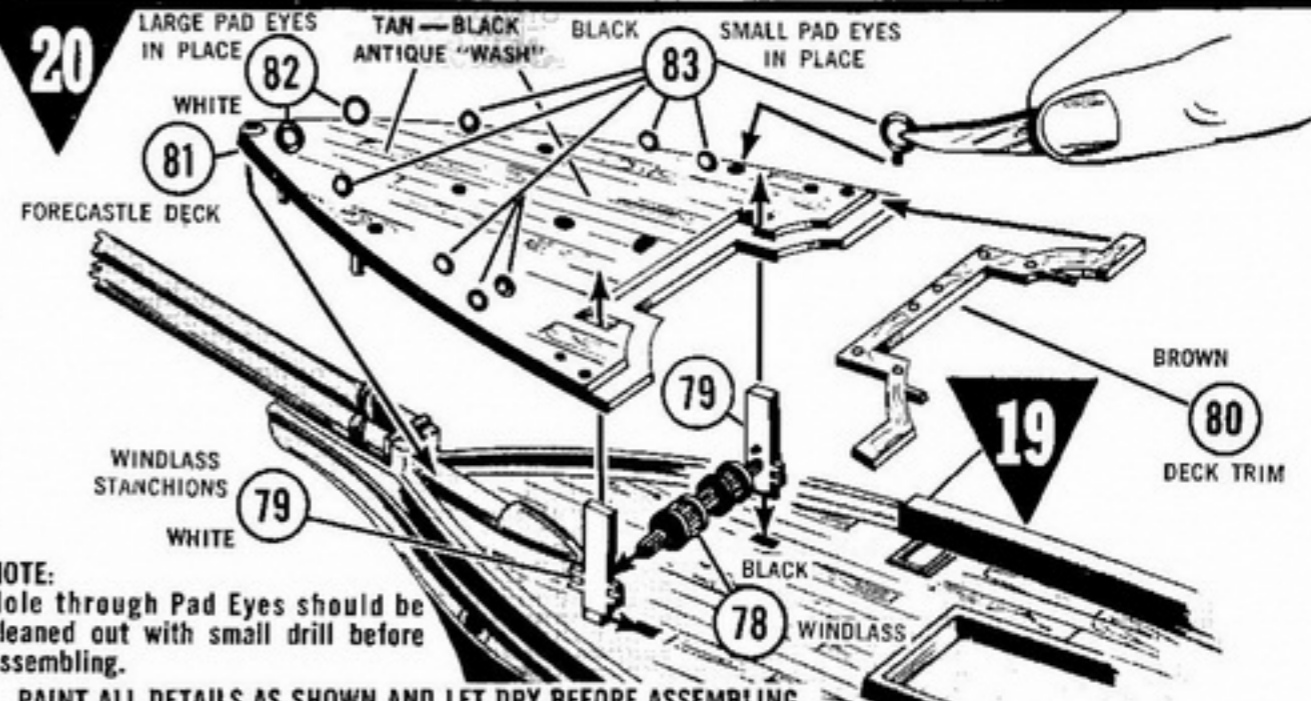
77L

LEFT BOW SPRIT HALF

18

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

20

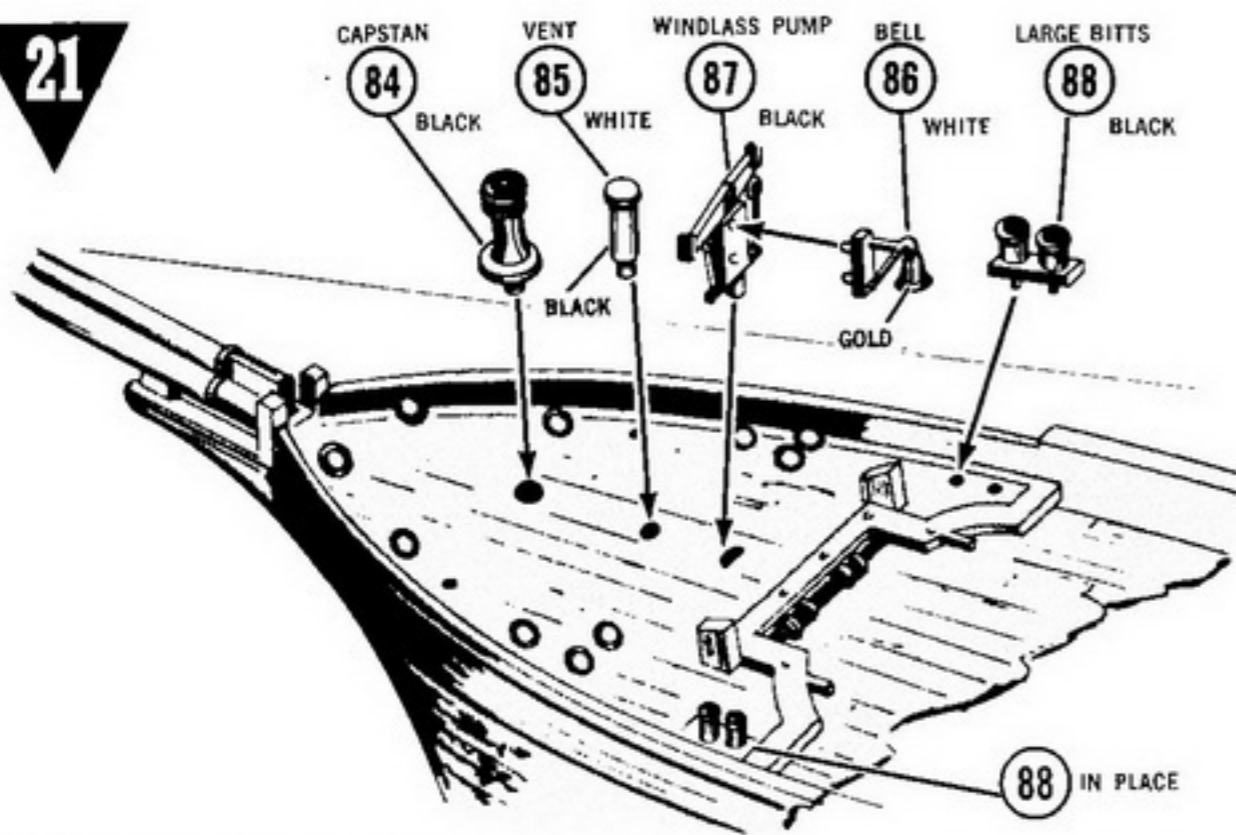


NOTE: Hole through Pad Eyes should be cleaned out with small drill before assembling.

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.

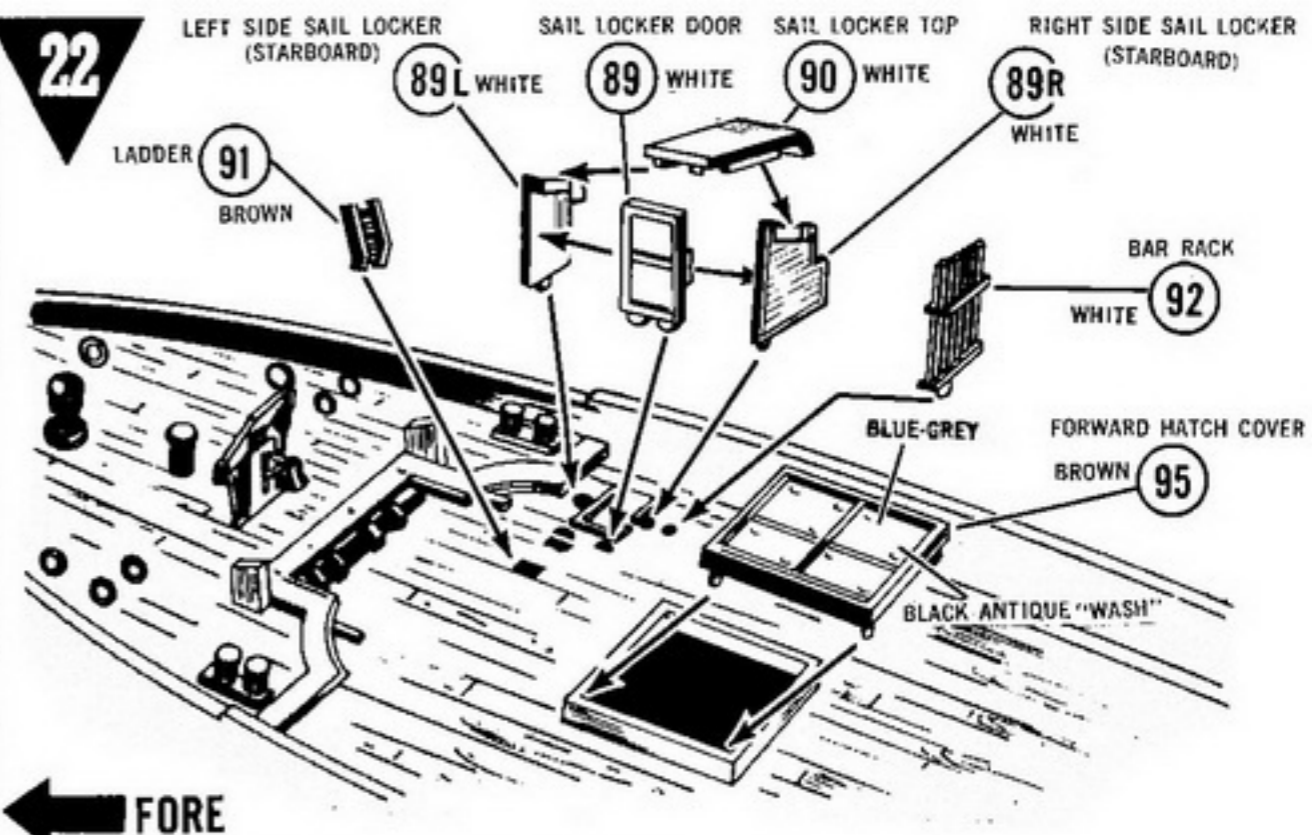
21



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.

22

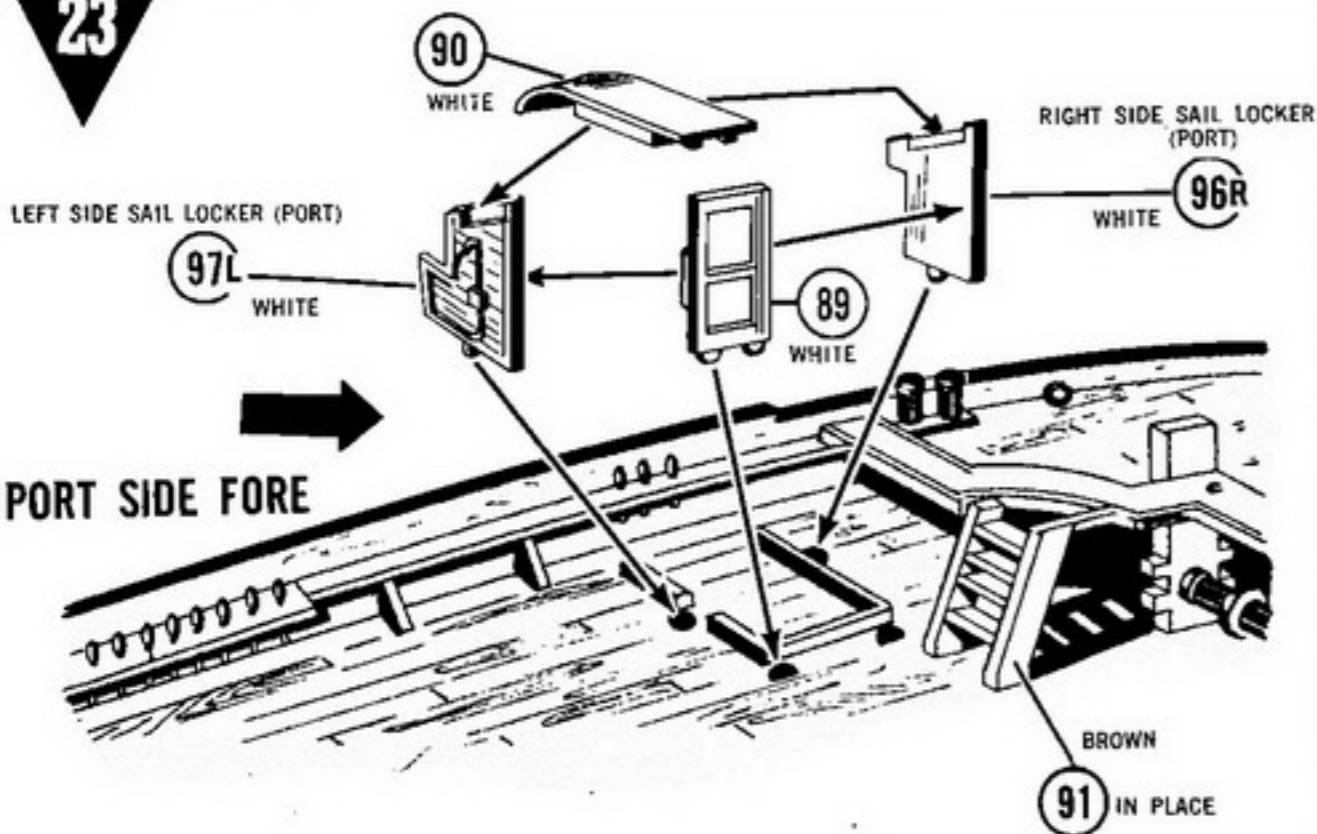


← FORE

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.

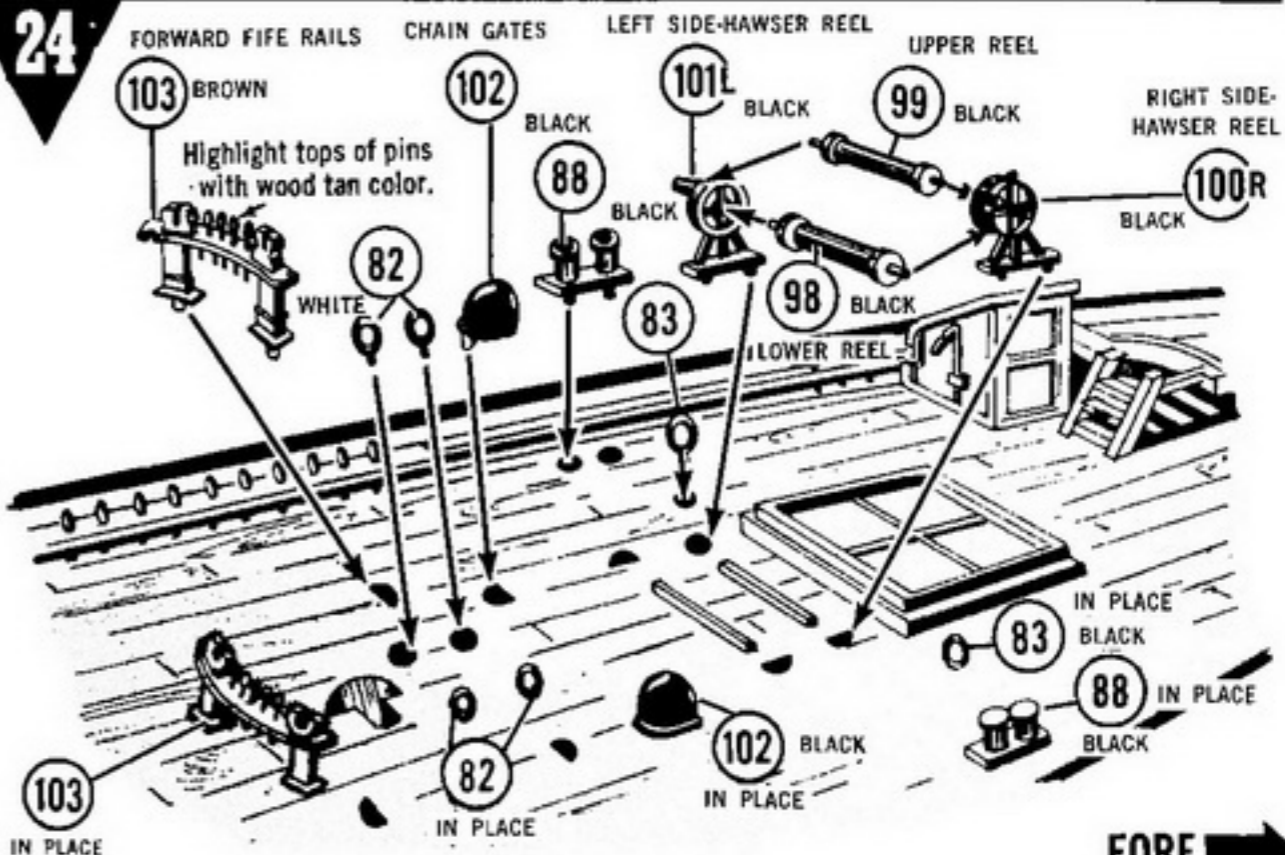
23



PORT SIDE FORE

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.

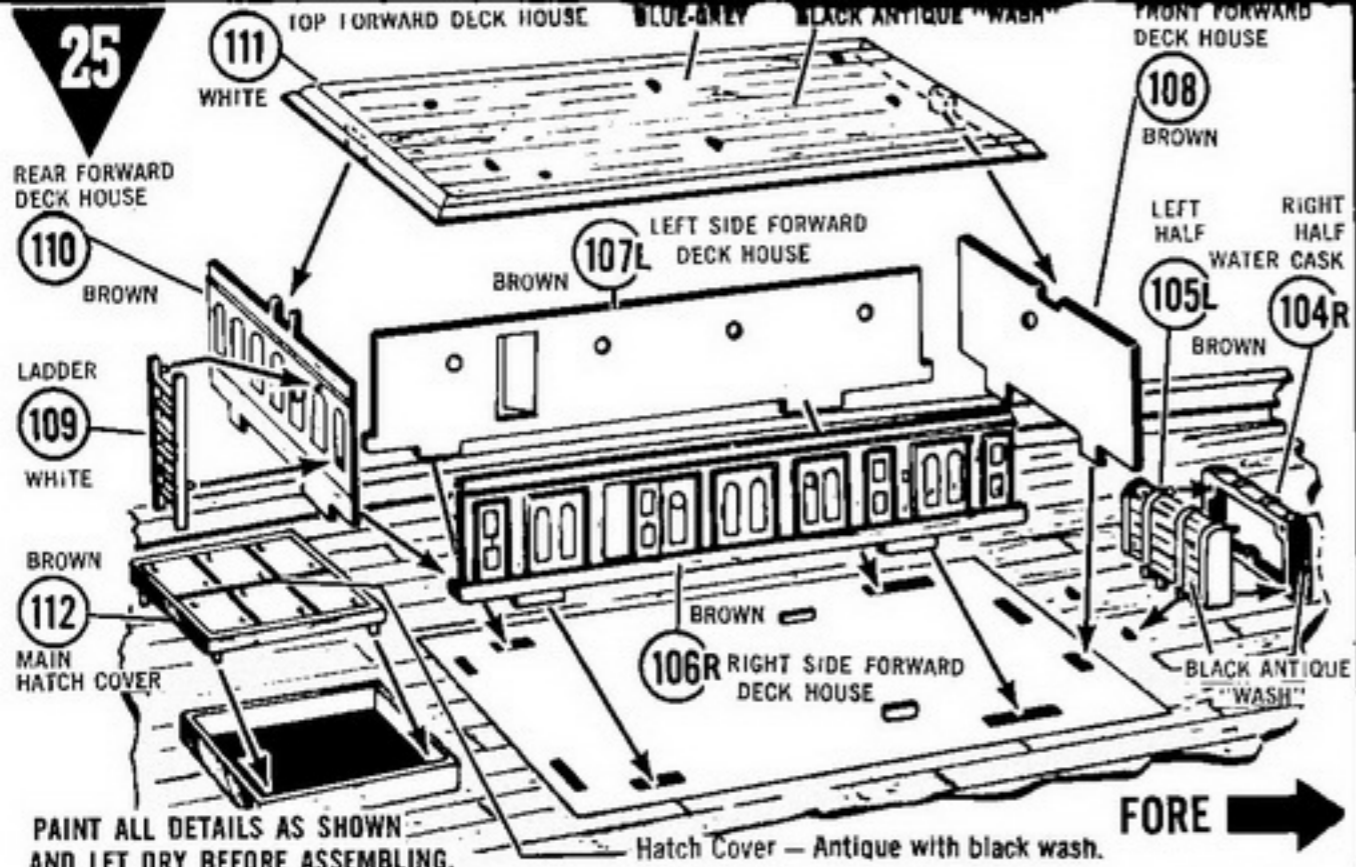
24



FORE →

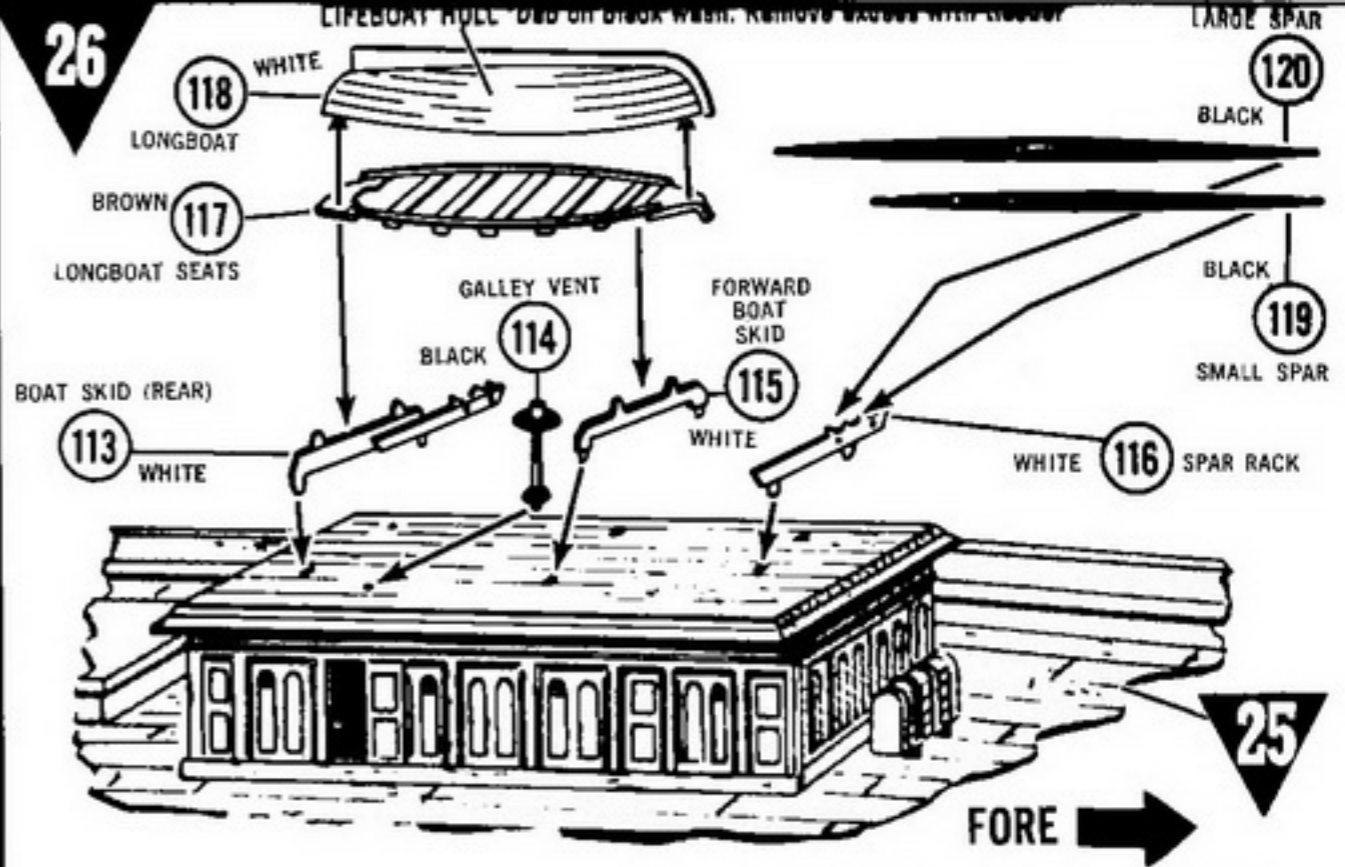
PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement (1) 98 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.

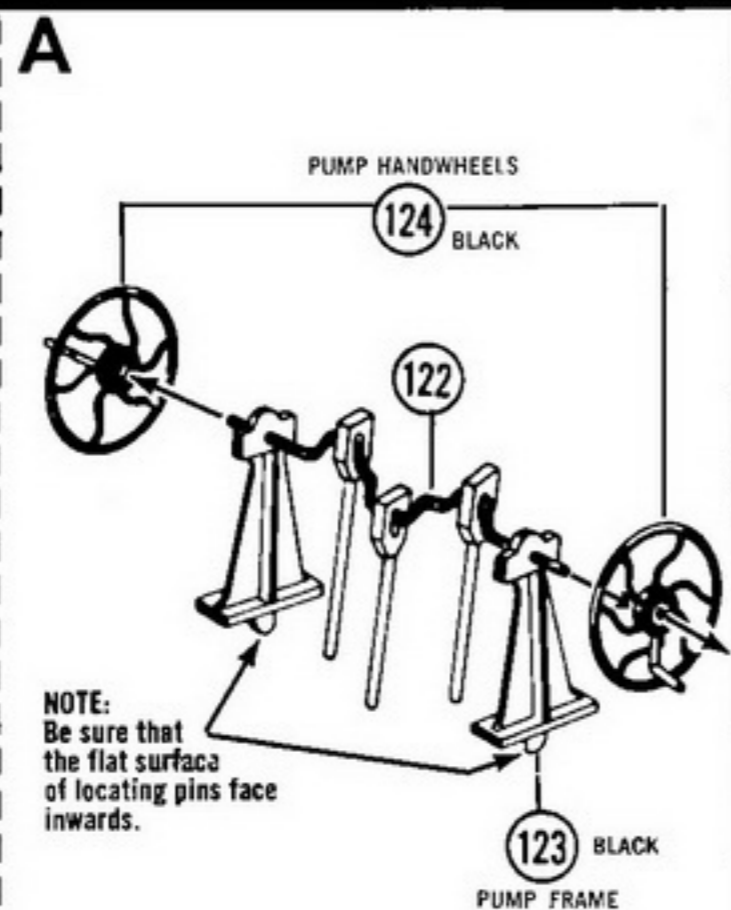
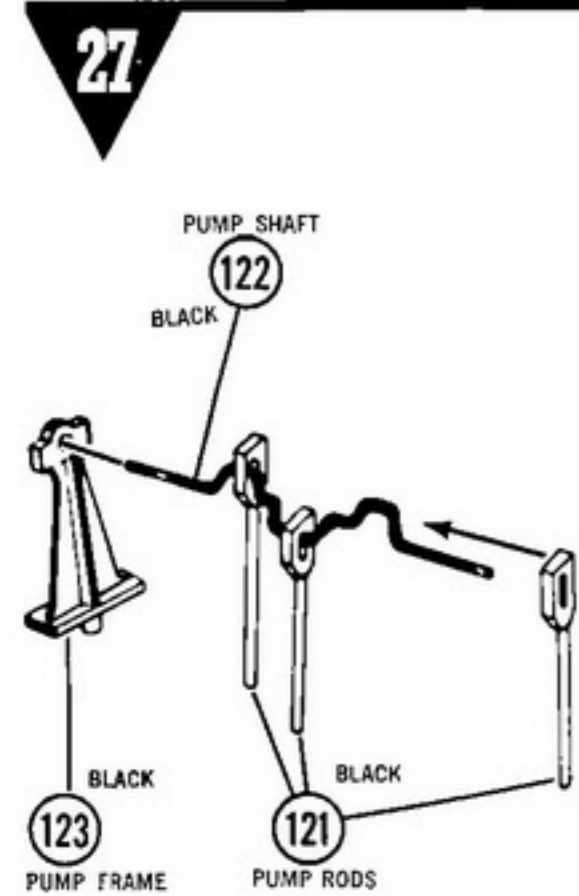


PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

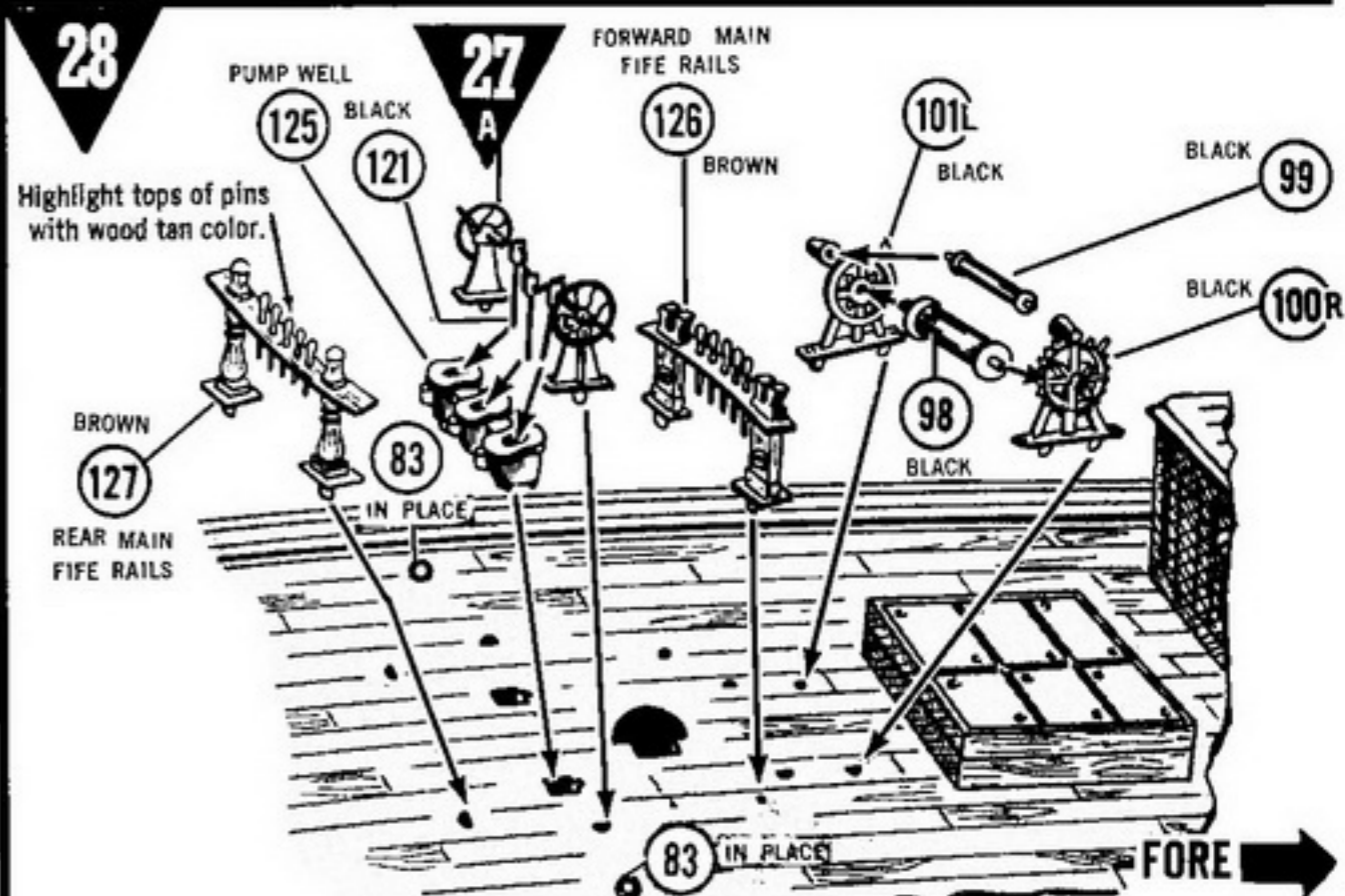
Cement 104R and 105L together, then into deck. Next cement 106R and 107L into place. Cement 108 into deck and to 106R and 107L. Now cement (1) part 109 to 110, then cement 110 into deck and to 106R and 107L. Cement 111 to all cabin walls. PLACE DO NOT CEMENT 112 to hatch.



Cement the following Parts onto Assembly 25 as shown. 113, 114, 115 and 116. Now cement 117 into 118. Cement this Assembly upside down, as shown, to Parts 113 and 115. Finally cement 119 and 120 to 113 and 116.

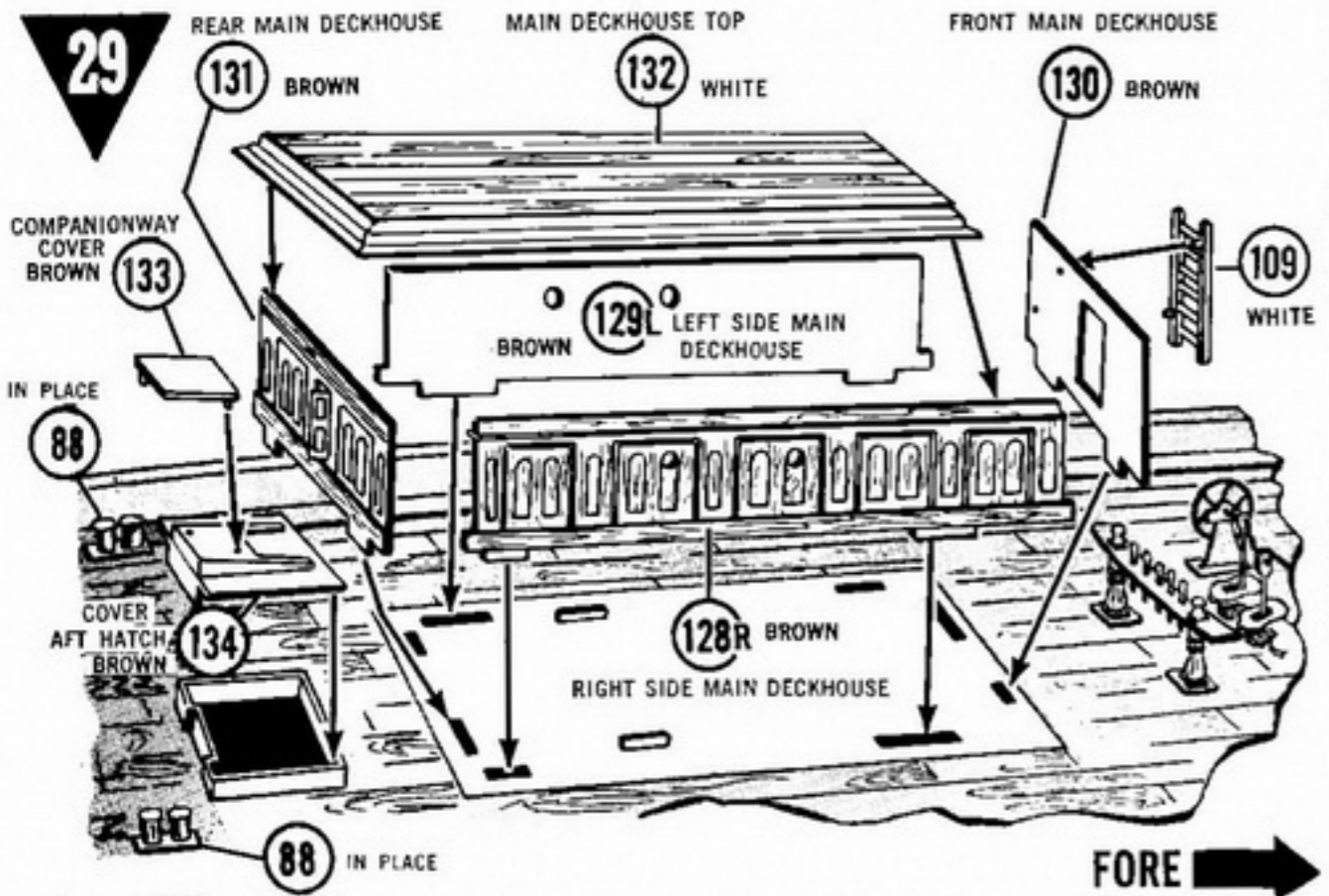


Slide (3) Parts 121 onto 122 as shown. When positioned properly slide 122 into (1) Part 123, as shown. Now SEE DRAWING A and slide remaining Part 123 onto 122. Cement (2) Parts 124 onto Part 122.



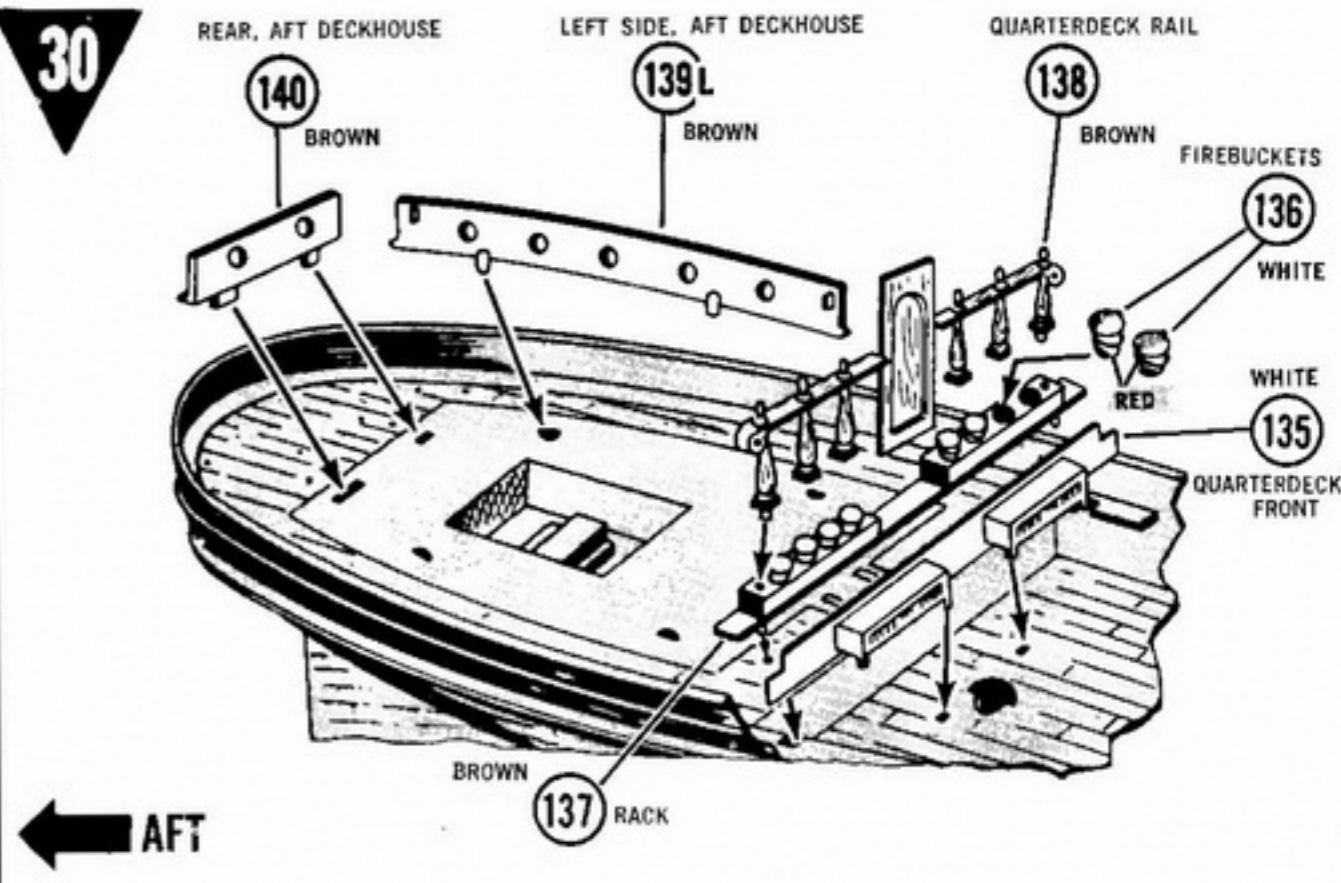
Cement 125 onto Deck. Position Assembly 27-A onto Deck. Be sure Parts 121 locate into 125, then cement. Now cement remaining Parts 98 and 99 to remaining Part 100R and 101L. Cement this Assembly to Deck. Now cement Part 126 and 127 onto Deck. Cement (2) more parts 83 as shown, IN PLACE into Deck.

29



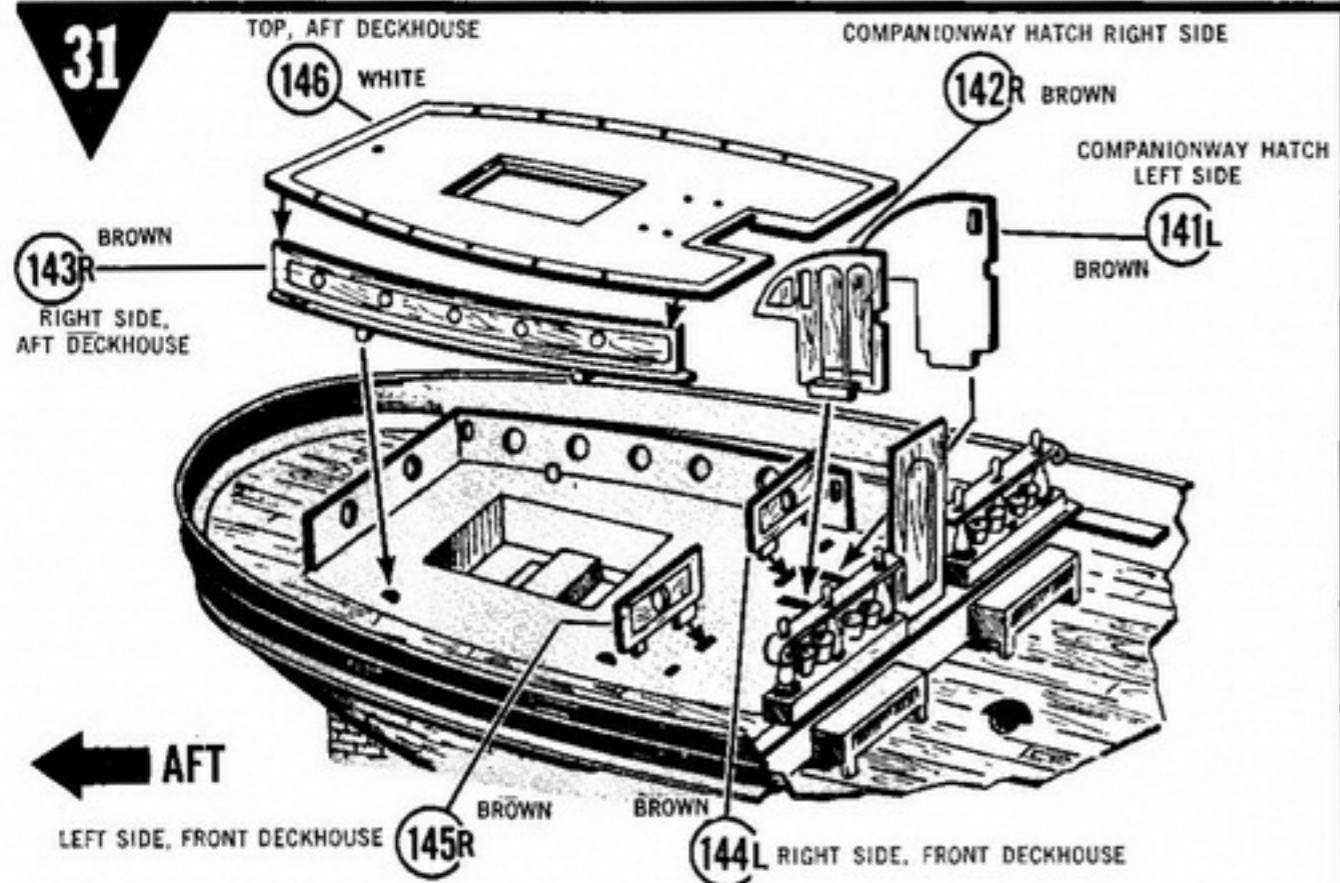
Cement 128R and 129L to Deck. Now cement remaining Part 109 to 130, then cement 130 to Deck and 128R and 129L. Next cement 131 to Deck and 128R and 129L. Cement 132 to all Cabin Walls. Finally, cement 133 to 134. Cement this Assembly onto Hatch, as shown. Now cement (2) remaining parts 88 onto deck as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

30



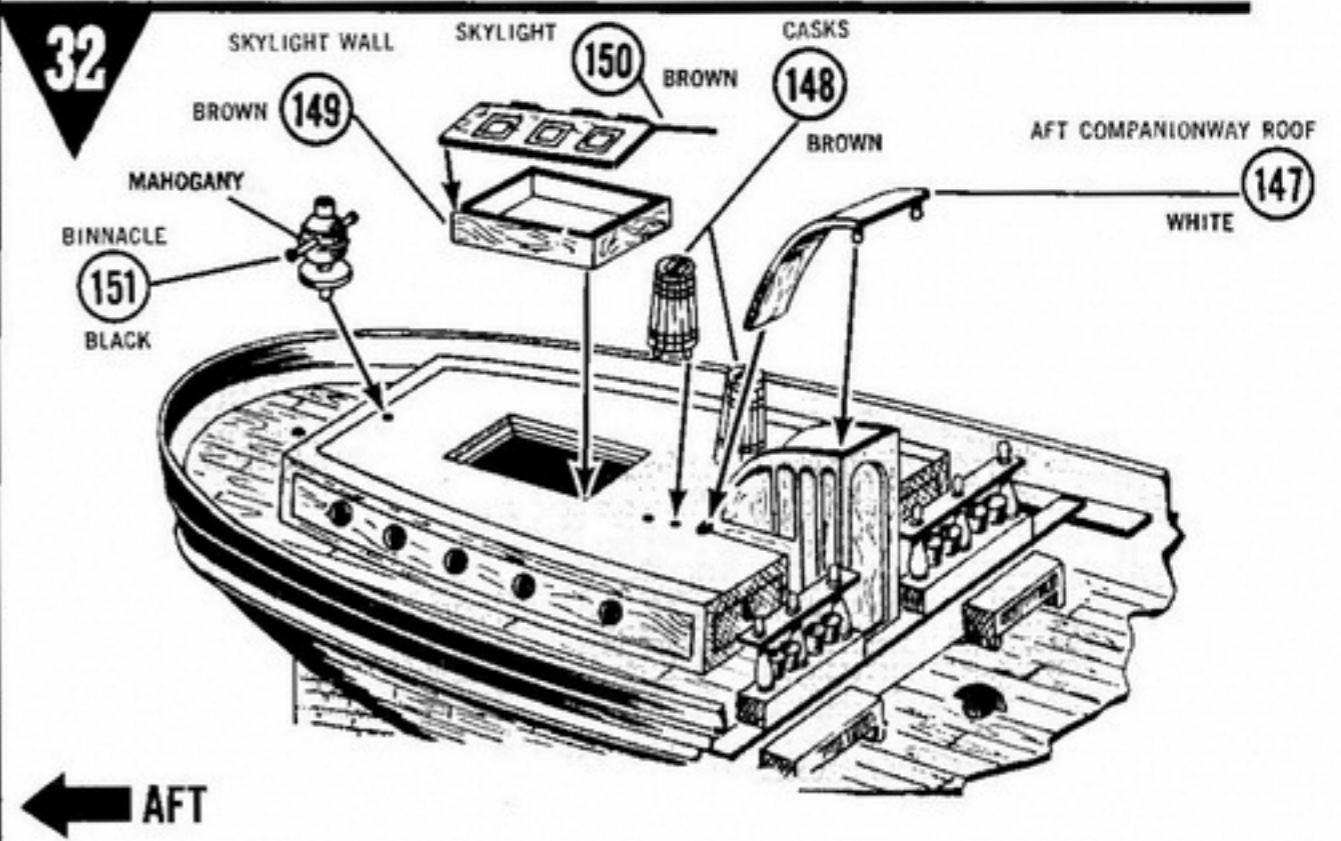
Cement 135 onto Deck and into Slots in Pin Rack. Now cement (8) Parts 136 into 137. Cement 137 onto Deck, as shown. Next cement 138 into 137. Finally cement Parts 139L and 140 into place, as shown.

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.

32



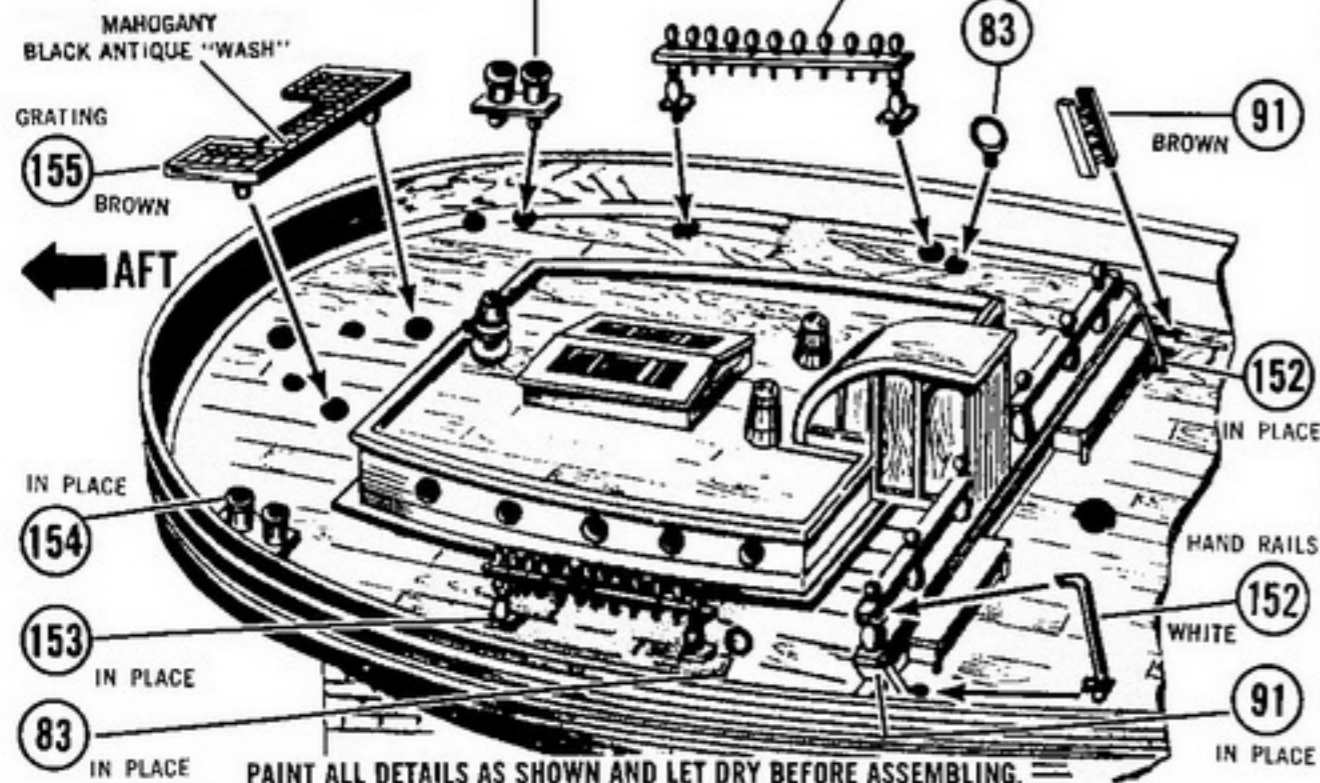
PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING. Cement 147 into place. Cement (2) Parts 148 to Cabin Top. Now cement 149 onto Aft Cabin Roof. Place DO NOT CEMENT 150 onto 149. Finally cement 151 into place.

33

Wheel Box Grating – Antique black wash.
Fife Rails – Highlight with wood tan color.

SMALL BITS

AFT FIFERAILS



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

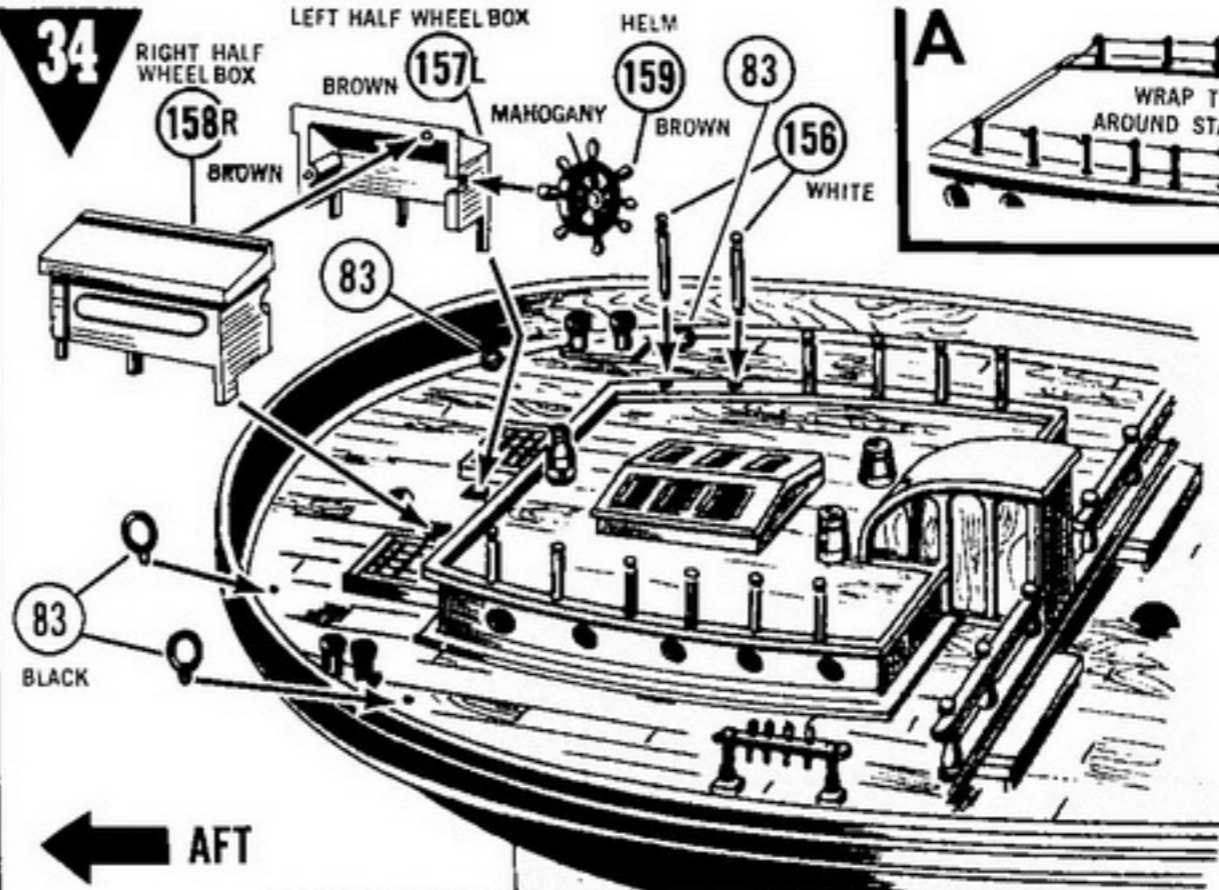
Cement (2) Parts 152 to Railing and Deck, as shown. Next cement (2) remaining Parts 91 into place. Cement (2) Parts 153 onto Deck. Next cement (2) Parts 154 onto Deck. Cement 155 to Aft Deck, as shown. Finally cement (2) more Parts 83 onto Deck.

34

RIGHT HALF WHEEL BOX

LEFT HALF WHEEL BOX

HELM



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Cement (12) Parts 156 to Cabin Top, as shown. Now cement 157L and 158R together then cement 159 to this Assembly. Now cement this Assembly onto Deck. Now cement (4) more Parts 83 into Aft Deck, as shown. Use Black Sewing Thread and wrap thread around Stanchions on Cabin and cement, as shown in small Drawing A.

35

BLACK
LEFT OUTBOARD MIZZEN DEADEYE

LEFT INBOARD MIZZEN DEADEYE

LEFT OUTBOARD MIZZEN DEADEYE

LEFT OUTBOARD MAIN DEADEYE

LEFT OUTBOARD MAIN DEADEYE

BLACK

BLACK

BLACK

BLACK
LEFT INBOARD MIZZEN DEADEYE

173L

172L

171L

169L

167L

165L

164L

163L

BLACK
LEFT INBOARD MIZZEN DEADEYE

BROWN

161

LEFT TAFFRAIL 162L

BROWN

LEFT INBOARD MAIN DEADEYE

BLACK

170L

BLACK

168L

LEFT INBOARD MAIN DEADEYE

BLACK

166L

LEFT INBOARD FORE DEADEYES

BLACK

LEFT OUTBOARD FORE DEADEYES

LEFT INBOARD FORE DEADEYES

BLACK

LEFT OUTBOARD FORE DEADEYES

CEMENT
HERE ONLY.
DO NOT
CEMENT TOPS
TOGETHER.

BLACK
LEFT INBOARD MIZZEN DEADEYE

BROWN

161

LEFT TAFFRAIL 162L

BROWN

LEFT INBOARD MAIN DEADEYE

BLACK

170L

BLACK

168L

LEFT INBOARD MAIN DEADEYE

BLACK

166L

LEFT INBOARD FORE DEADEYES

BLACK

LEFT OUTBOARD FORE DEADEYES

LEFT INBOARD FORE DEADEYES

BLACK

LEFT OUTBOARD FORE DEADEYES

CEMENT
HERE ONLY.
DO NOT
CEMENT TOPS
TOGETHER.

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Starting at the Aft End of your model, cement 160R to Railing. Now cement 161 to Railing. Cement 162L to Railing. Now start at the Fore End Port Side of your model and cement 163L to 164L at the Bottoms only, then into Pin Rail, as shown. Now in the same manner, cement the following parts together and into place: 165L through 174L.

AFT

36

RIGHT OUTBOARD FORE DEADEYE

RIGHT OUTBOARD FORE DEADEYE

RIGHT OUTBOARD MAIN DEADEYE

RIGHT OUTBOARD MAIN DEADEYE

RIGHT OUTBOARD MIZZEN DEADEYE

RIGHT OUTBOARD MIZZEN DEADEYE

NOTE:
At this stage,
only cement
bottoms of
Deadeyes.

RIGHT INBOARD FORE DEADEYE

176R BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

BLACK

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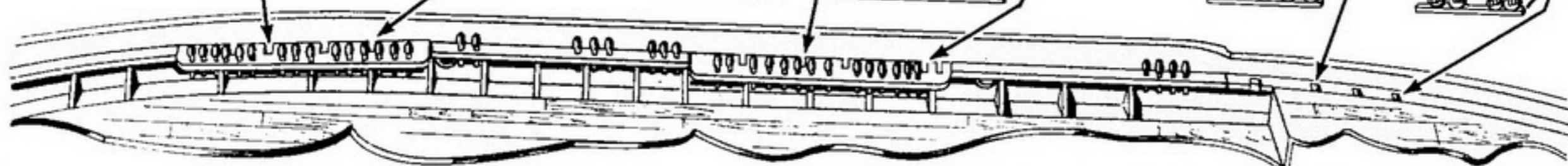
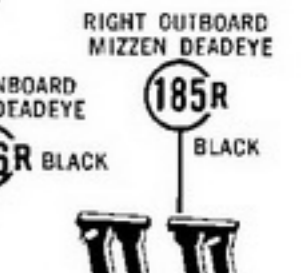
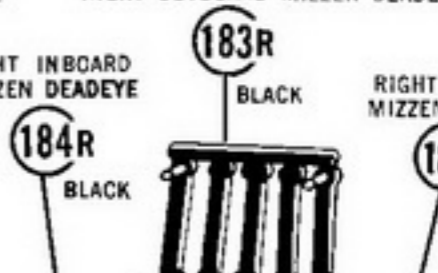
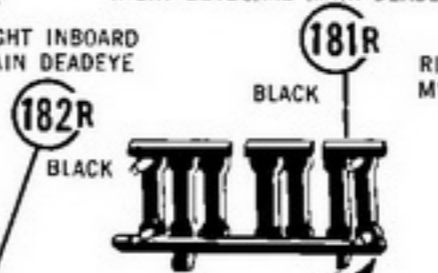
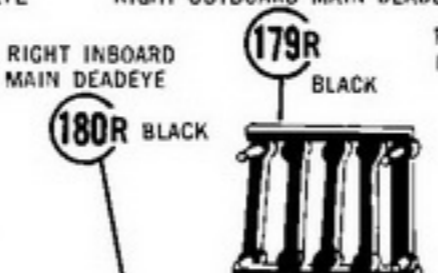
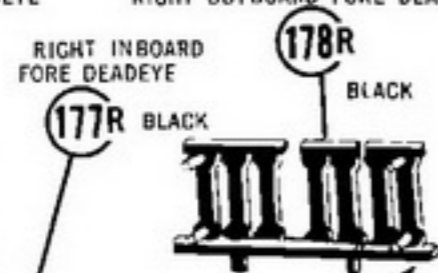
BLACK

BLACK

BLACK

BLACK

BLACK



FORE

TURN MODEL AROUND, AS SHOWN.

Starting at the Fore End, Starboard Side of your model, cement 175R to

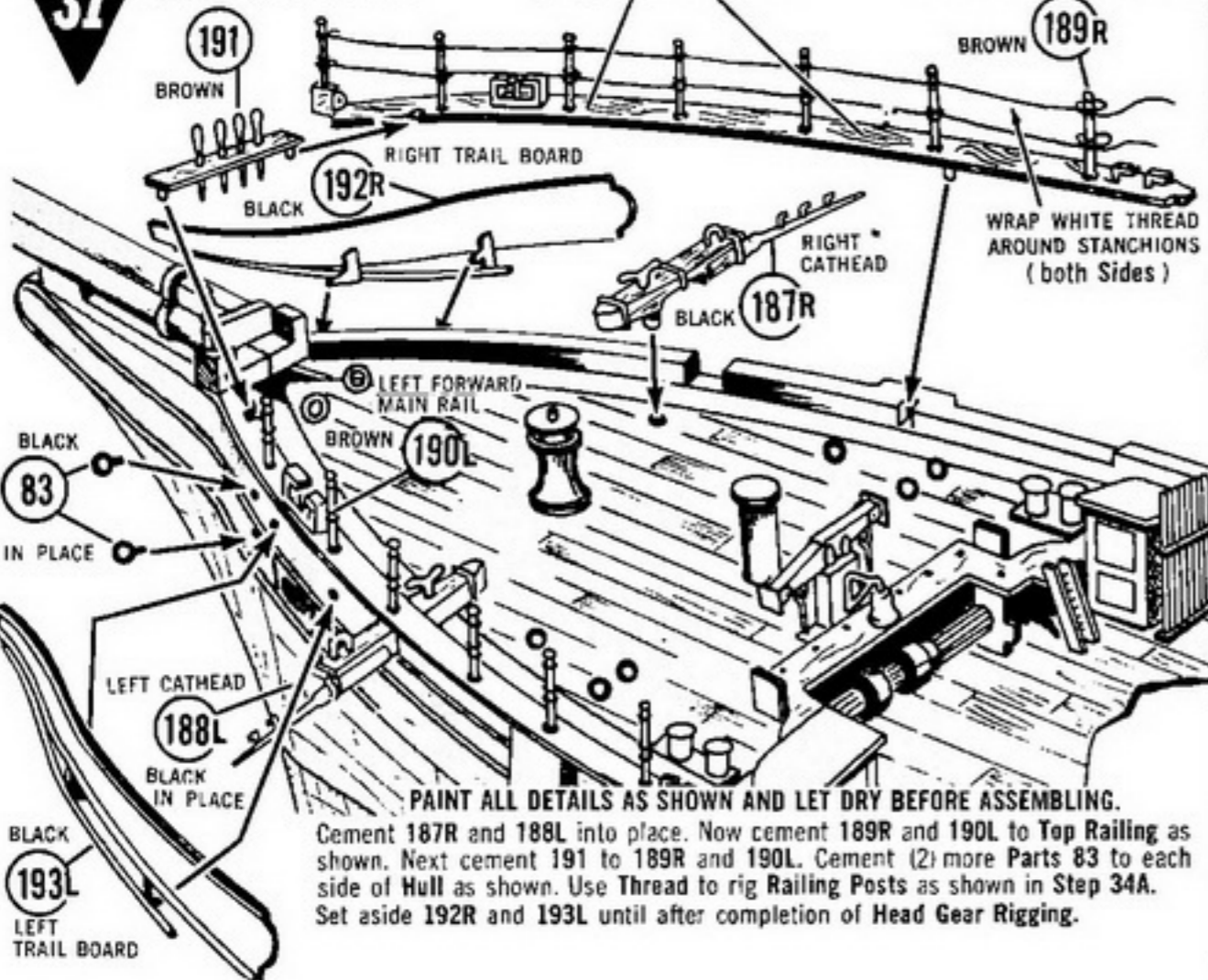
176R at the Bottoms only, then cement into Pin Rail, as shown. Now in the same manner, cement the following parts together and into place: 177R through 186R.

37

SMALL FORWARD PINRAIL

WHITE - GREEN "WASH"

RIGHT FORWARD MAIN RAIL



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

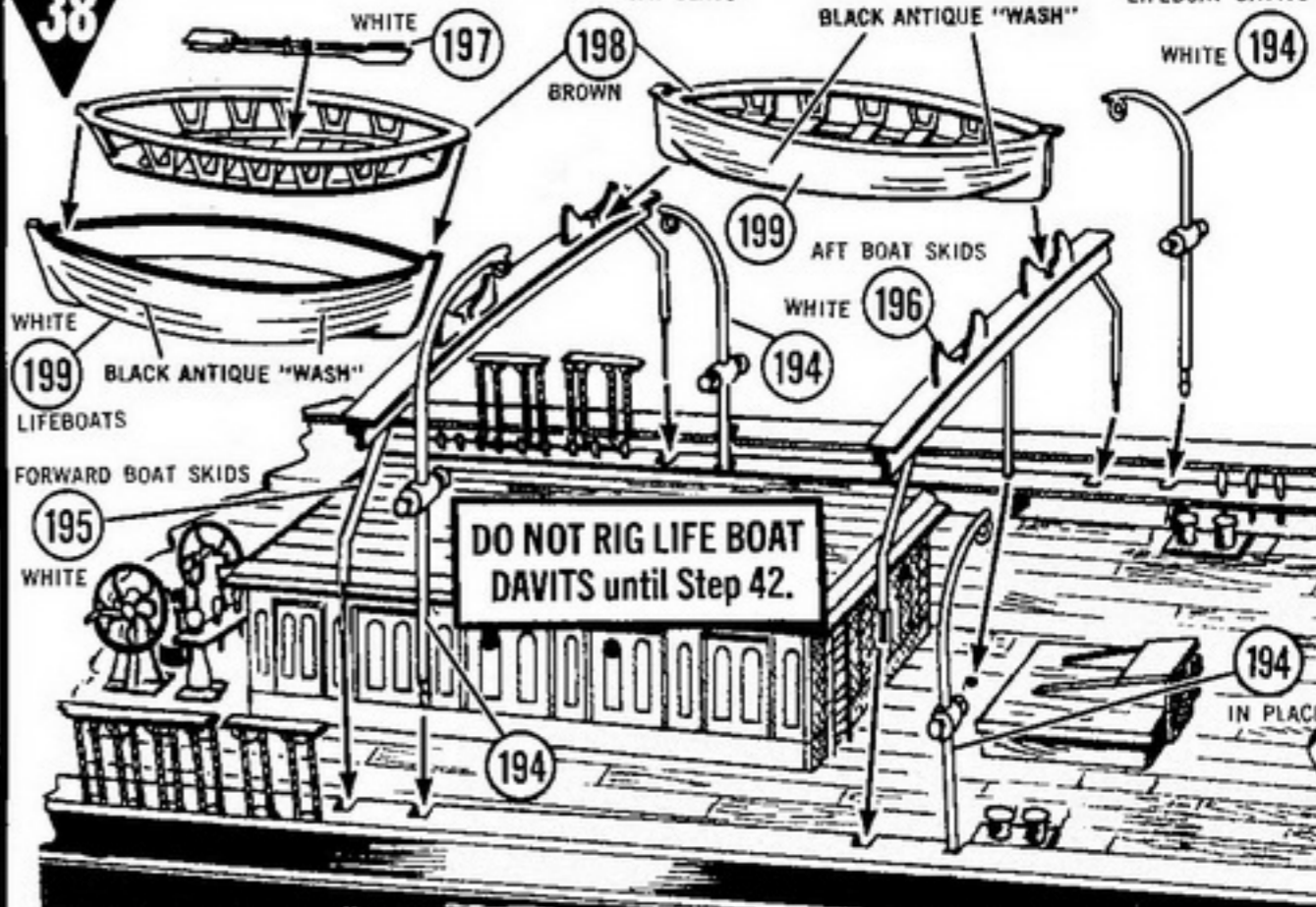
Cement 187R and 188L into place. Now cement 189R and 190L to Top Railing as shown. Next cement 191 to 189R and 190L. Cement (2) more Parts 83 to each side of Hull as shown. Use Thread to rig Railing Posts as shown in Step 34A. Set aside 192R and 193L until after completion of Head Gear Rigging.

38

OARS

LIFEBOAT SEATS

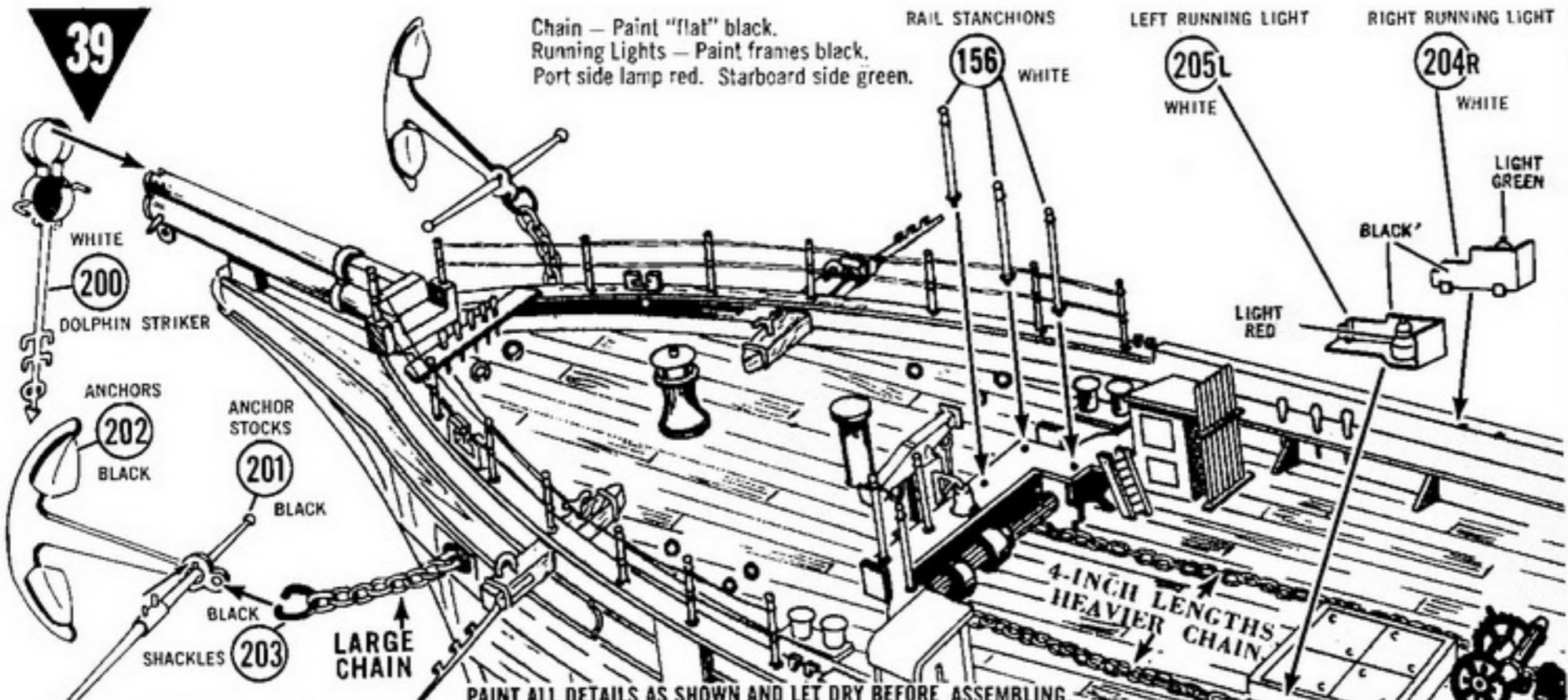
LIFEBOAT DAVITS



PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Locate (4) Parts 194 into Railings and down onto Hull. When positioned, apply cement. Now cement 195 and 196 into Railings. Cement (3) sets of Parts 197 into each Part 198. Cement (2) Parts 198 into (2) Parts 199. Now cement (2) Parts 199 to 195 and 196.

39



Chain — Paint "flat" black.
Running Lights — Paint frames black.
Port side lamp red. Starboard side green.

RAIL STANCHIONS 156 WHITE
LEFT RUNNING LIGHT 205L WHITE
RIGHT RUNNING LIGHT 204R WHITE

WHITE 200 DOLPHIN STRIKER

ANCHORS 202 BLACK
ANCHOR STOCKS 201 BLACK

SHACKLES 203 BLACK
LARGE CHAIN

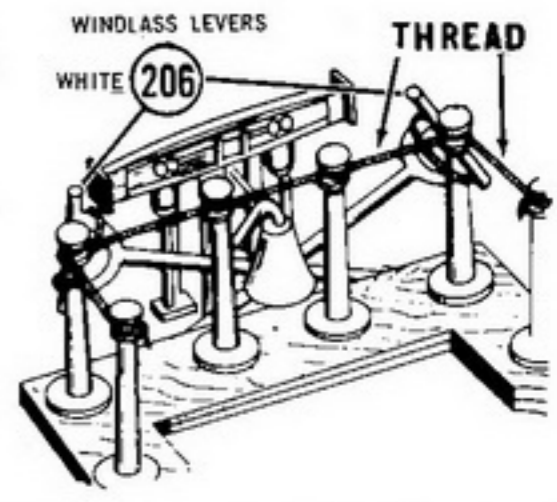
4-INCH LENGTHS HEAVIER CHAIN

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

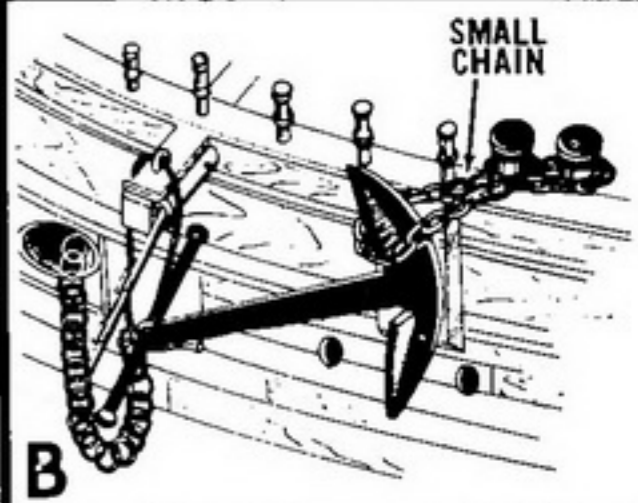
Cement 200 to Bowsprit. Now slide (2) Parts 201 into (2) Parts 202. When located properly, cement. Next cut (1) piece of Chain (4) inches long and pass it through Holes in Hull. Slide (2) Parts 203 through End Link of Chain and snap onto each Anchor. Let Anchors hang loose at this time. Cement

204R and 205L to Railings. Now cement (6) more Parts 156 into place as shown. Use Thread to Rig Railing Parts 156 as shown in Drawing A. Also tie (2) Parts 206 as shown in Drawing A. Now Rig Anchors as shown in Drawing B. Finally cement Anchor Chain to Deck as shown.

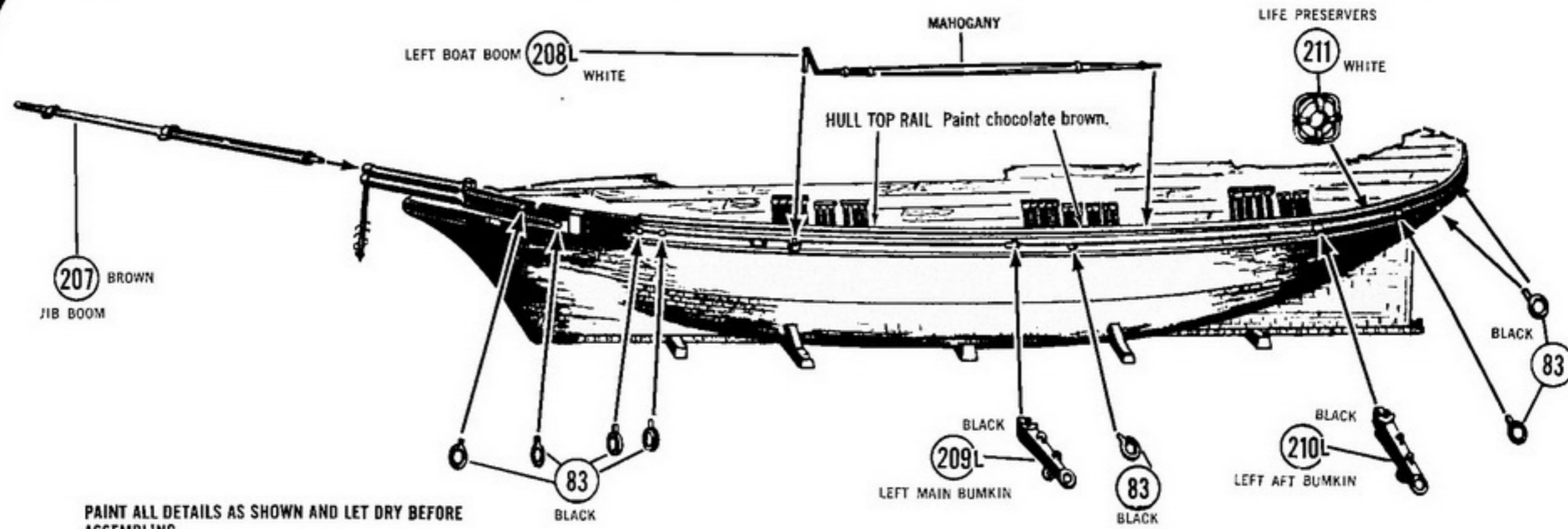
A



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.

LEFT BOAT BOOM 208L WHITE

MAHOGANY

HULL TOP RAIL Paint chocolate brown.

LIFE PRESERVERS 211 WHITE

207 BROWN JIB BOOM

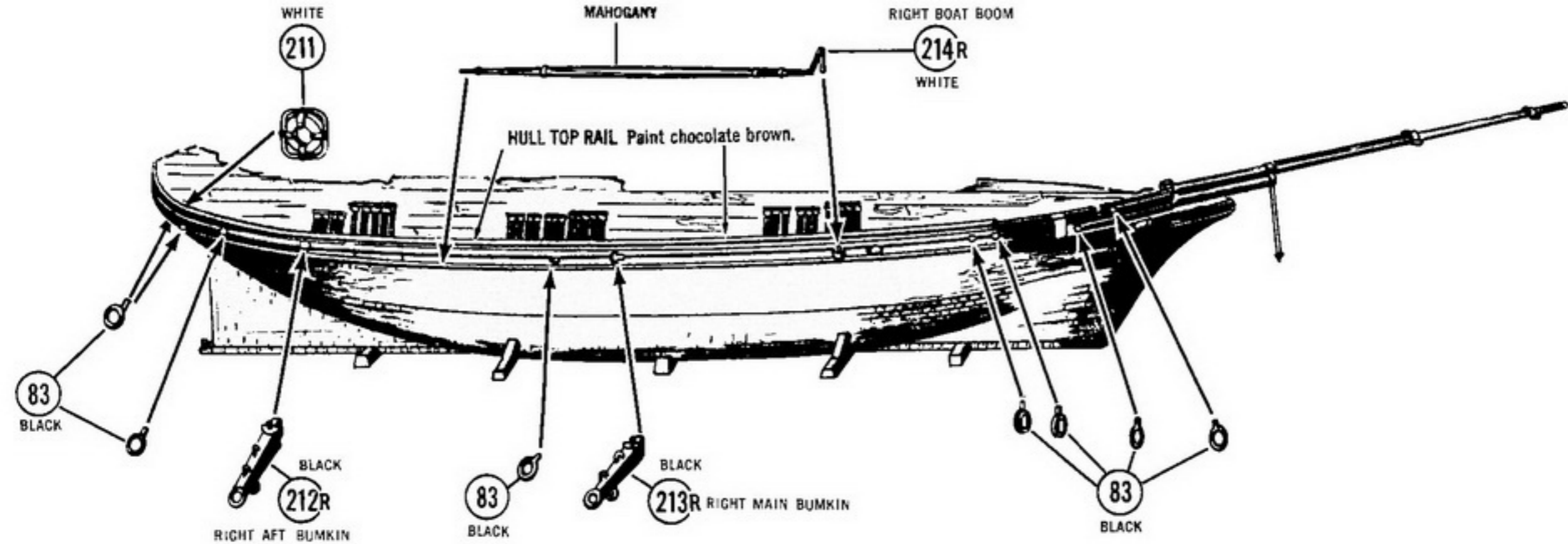
83 BLACK

209L BLACK LEFT MAIN BUMKIN

83 BLACK

210L BLACK LEFT AFT BUMKIN

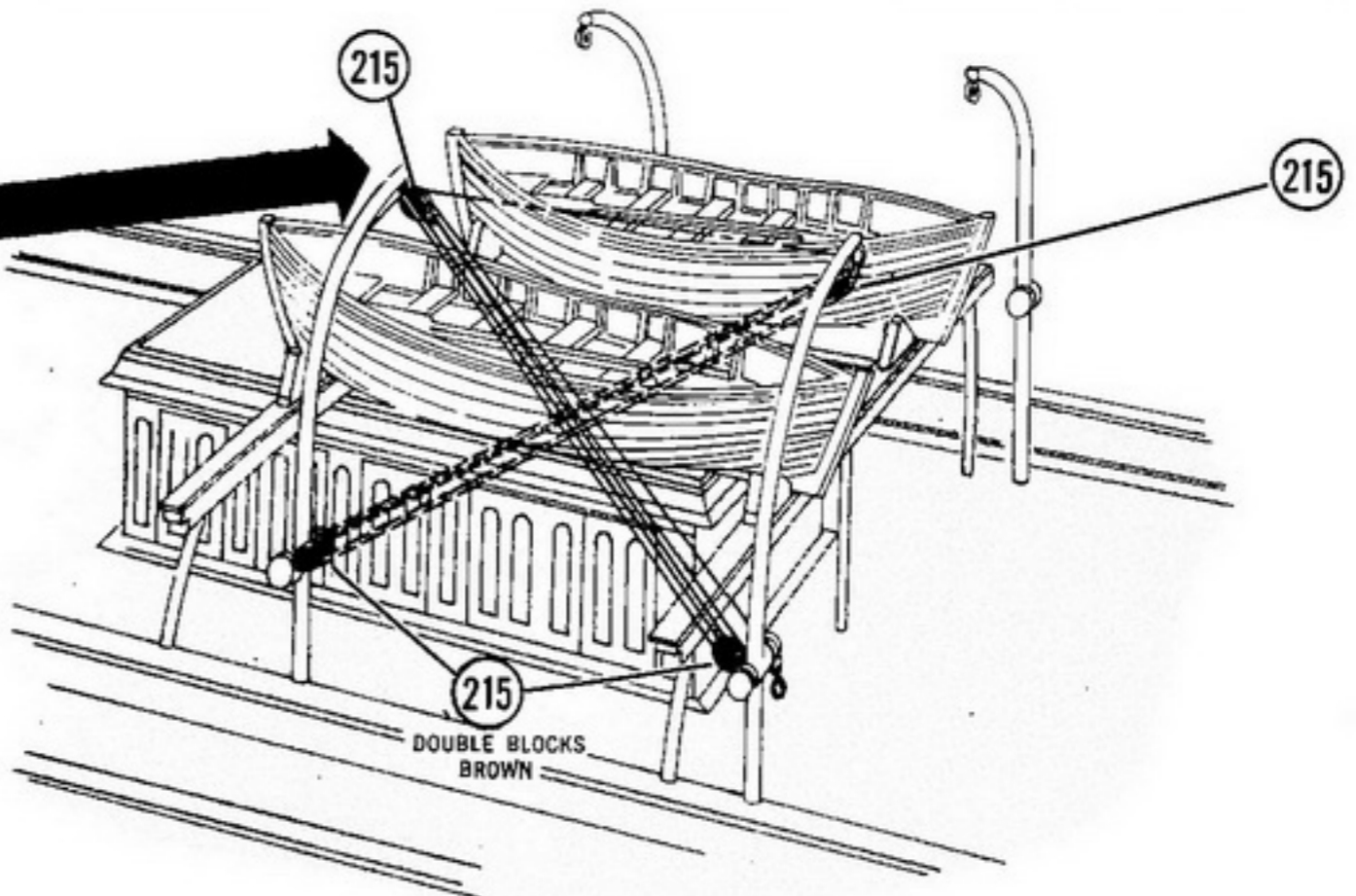
83 BLACK



PAINT ALL DETAILS AND LET DRY BEFORE ASSEMBLING

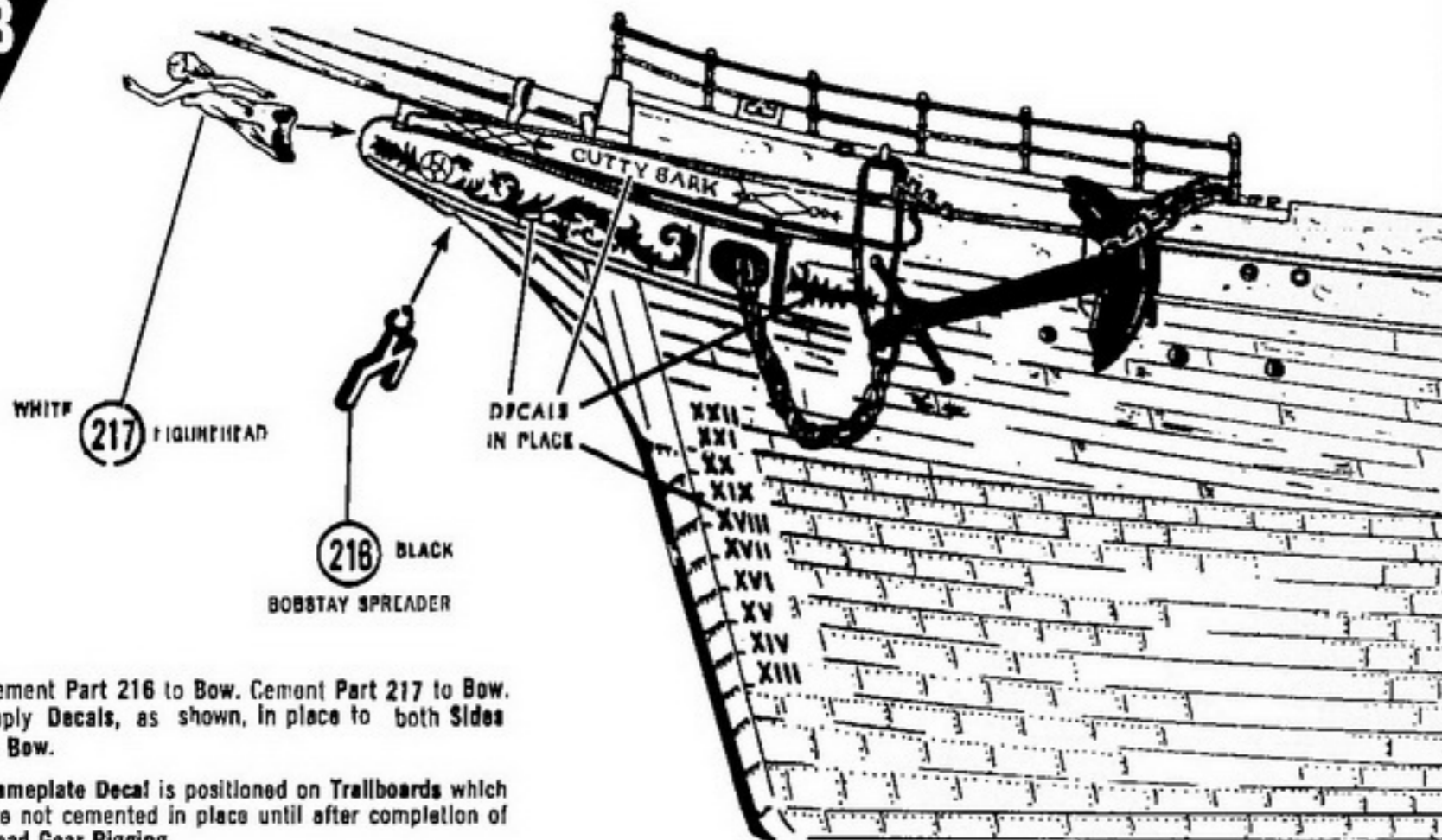
Turn model around. Starting at the Aft End, cement (3) Parts 83 and 212R to Hull. Next cement 213R into place. Place, or cement 214R to Hull. Cement (5) more Parts 83 to Hull. Finally cement remaining Part 211 in place.

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.

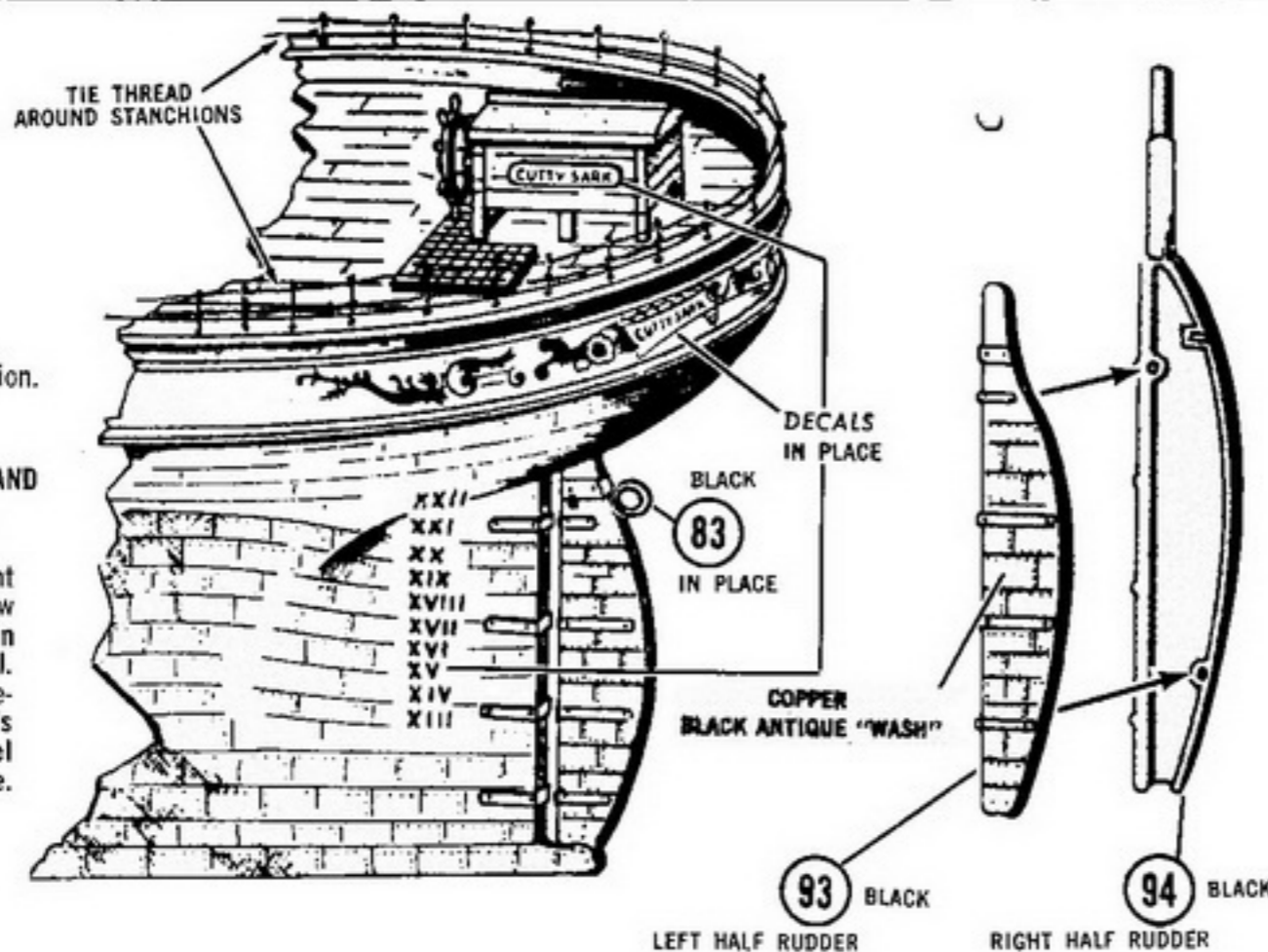
43



Cement Part 216 to Bow. Cement Part 217 to Bow. Apply Decals, as shown, in place to both Sides of Bow.

Nameplate Decal is positioned on Transoms which are not cemented in place until after completion of Head Gear Rigging.

44



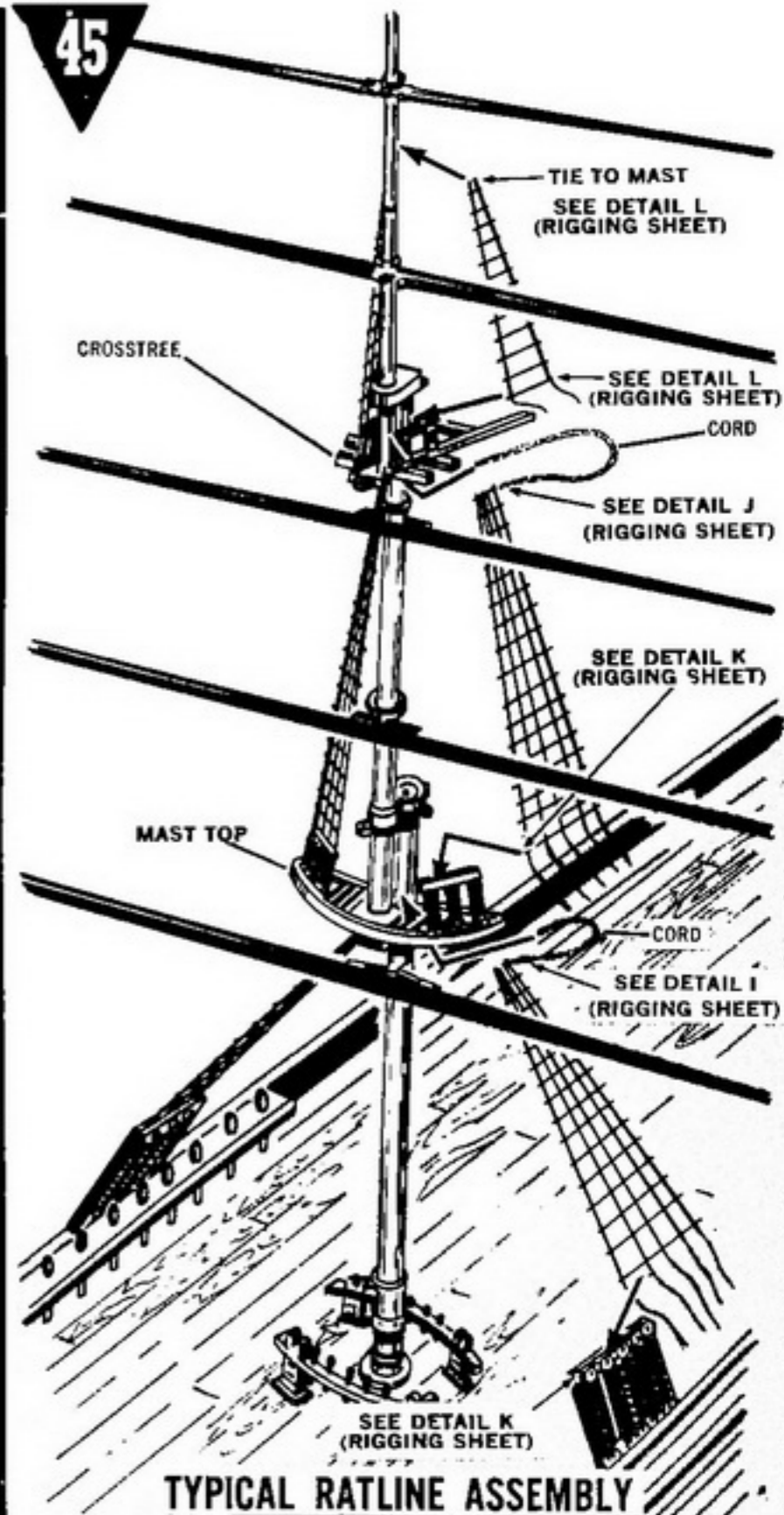
RUDDER

Paint copper. Follow hull decoration.

PAINT ALL DETAILS AS SHOWN AND LET DRY BEFORE ASSEMBLING.

Turn model around. Cement Parts 93 and 94 together. Now insert Rudder Up into Hole in Hull, then Down into Keel. When positioned properly cement into place. Apply Decals to both sides of Hull, Wheel House, as shown, in place. Finally cement (1) part 83 into place, as shown.

45



TYPICAL RATLINE ASSEMBLY

Cement all MAST ASSEMBLIES into DECK. 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 DEADEYE ASSEMBLY (Detail K). After the BACK STAYS are rigged, tie each VERTICAL RATLINE thread to its DEADEYE. Then cement halves of DEADEYES 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 RIGGING SHEET. TRIM EXCESS LINE AFTER TIEING.

FORE

MAIN

MIZZEN

FORE

MAIN

MIZZEN

FORE

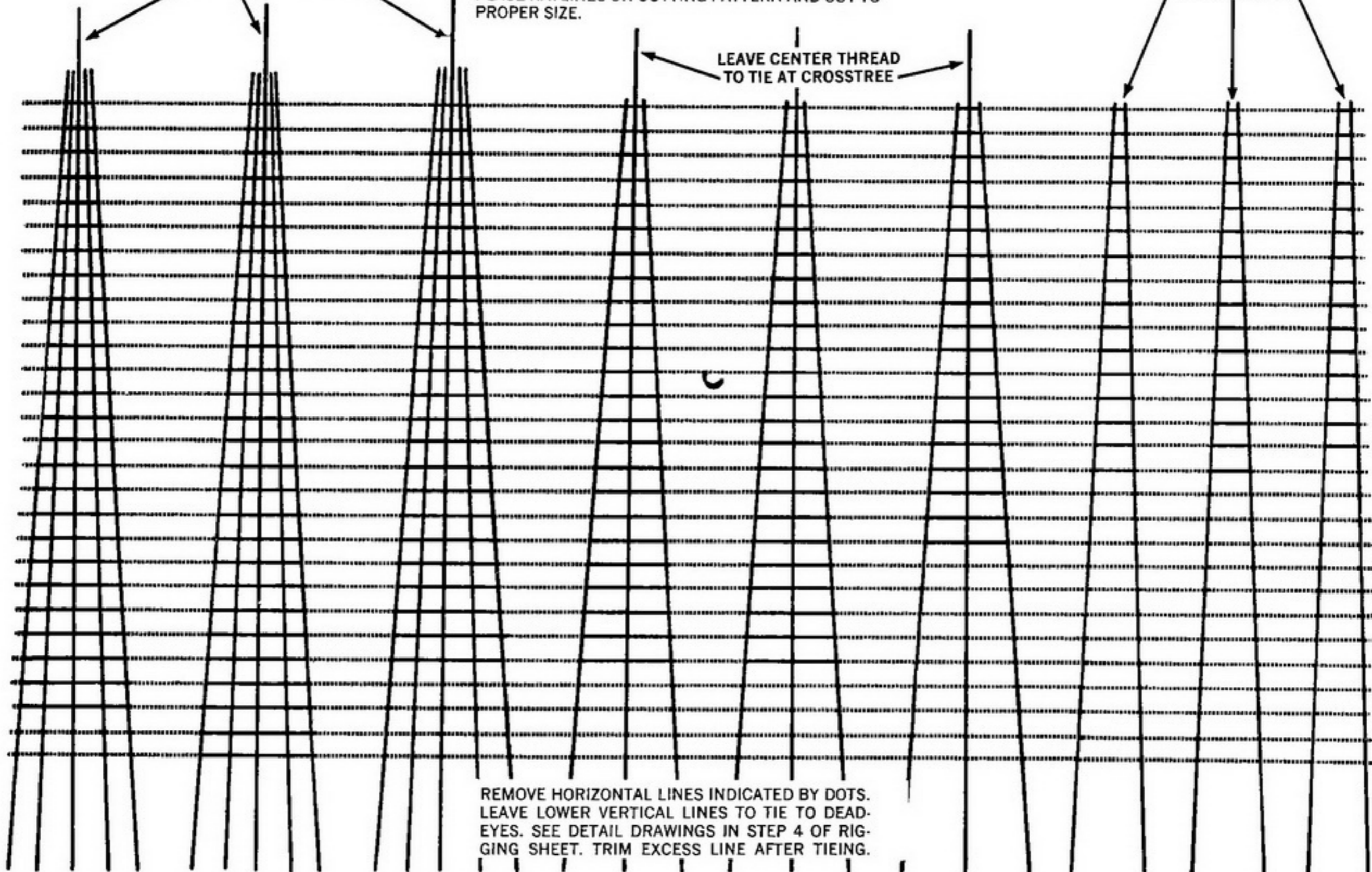
MAIN

MIZZEN

FROM HULL DEAD EYES TO MAST TOP

FROM MAST TOP DEAD EYES TO CROSSTREE

FROM CROSSTREE DEAD EYES TO MAST



CUTTY SARK

N 299-181

READ THIS FIRST: GENERAL NOTES

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 Rigging 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 Rigging as well as help prevent the thread ends from fraying when installing through blocks or eyebolts. The Standing Rigging must be installed before the Running Rigging. This consists of the Chain and Bowsprit stays, all Ratlines and the Masts Fore and Back Stays, then you may proceed to the Running Rigging.

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

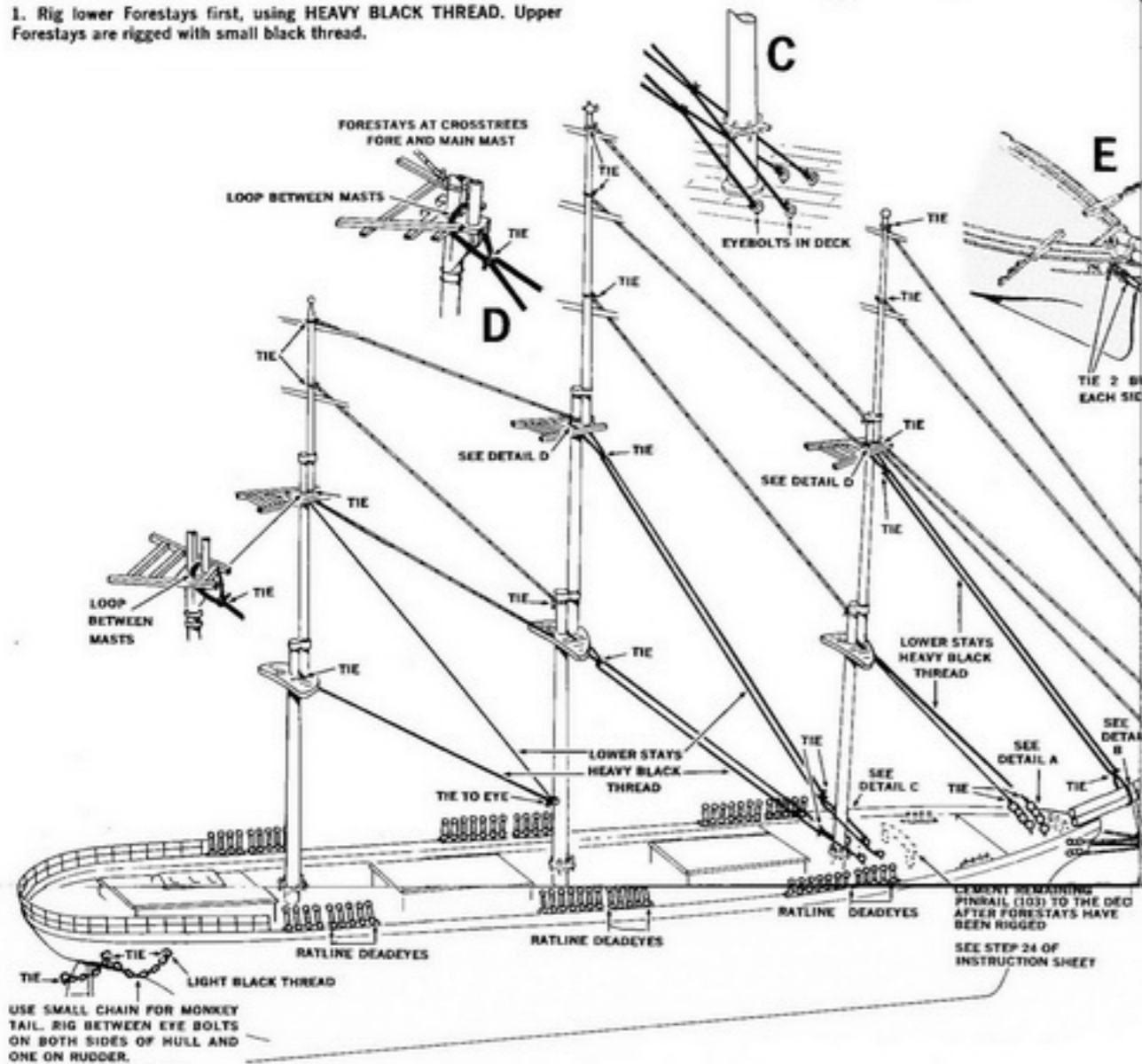
Due to the complexity of Rigging your ship, most of the illustrations will show only those lines on the ship's centerline or those installed on one side only. Duplicate lines must be installed on the other side as well. EXAMPLE: Pin 16 (RH-32) means to tie this line to Pin 16 on this side of Ship and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

START WITH THE RIGGING ON THIS SIDE OF THE SHEET AND COMPLETE BEFORE PROCEEDING TO THE REVERSE SIDE.

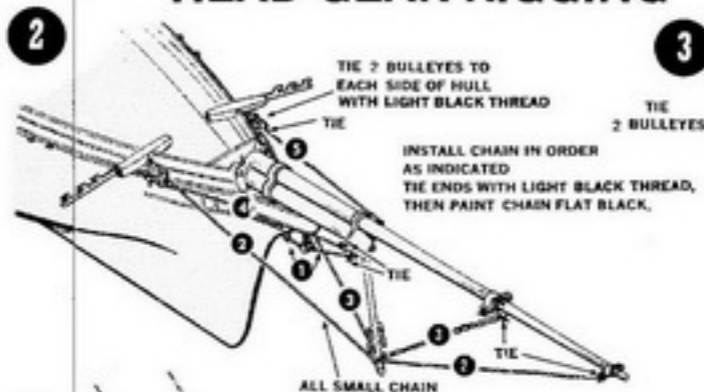
STANDING RIGGING

1 FORESTAYS

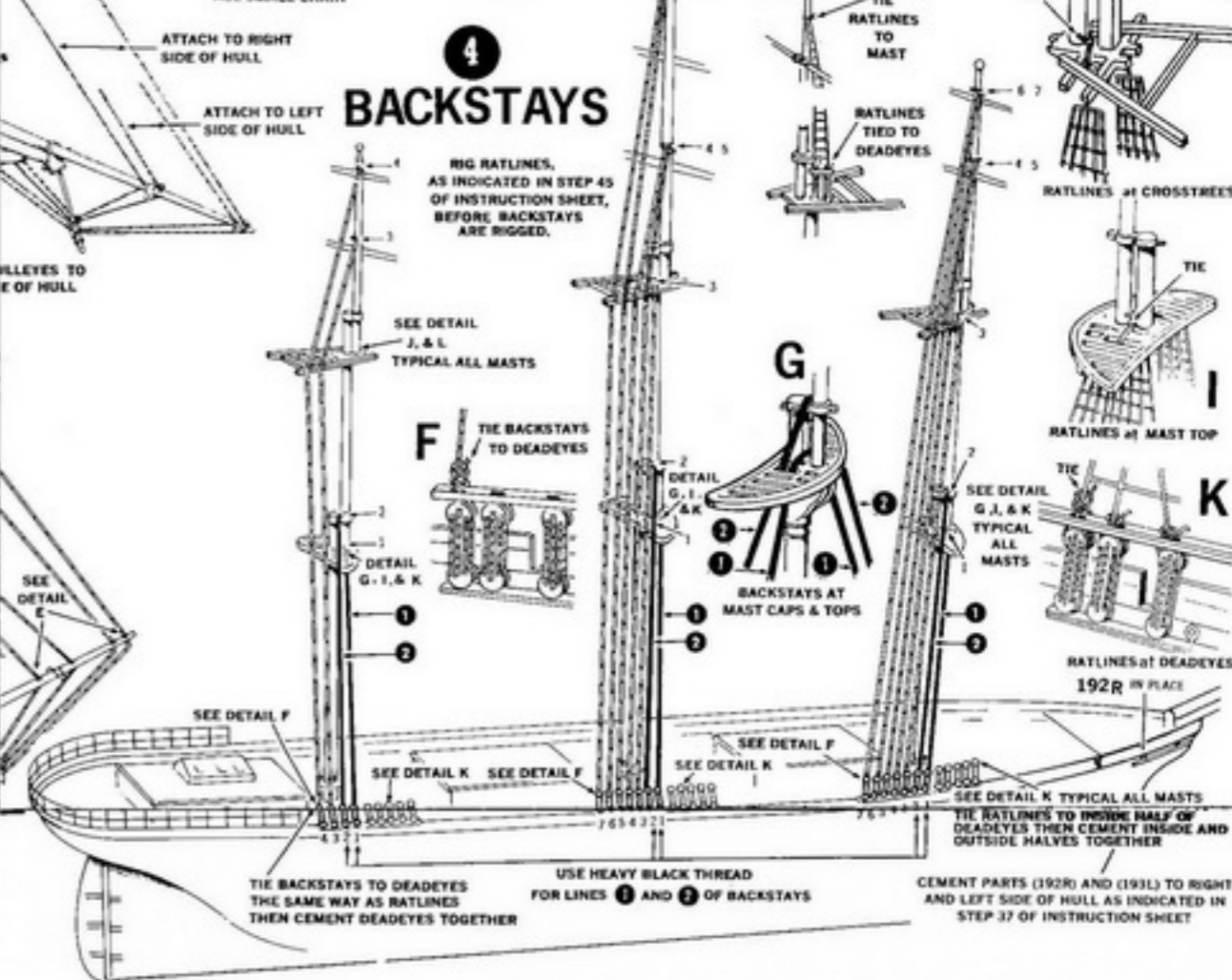
1. Rig lower Forestays first, using HEAVY BLACK THREAD. Upper Forestays are rigged with small black thread.



2 HEAD GEAR RIGGING

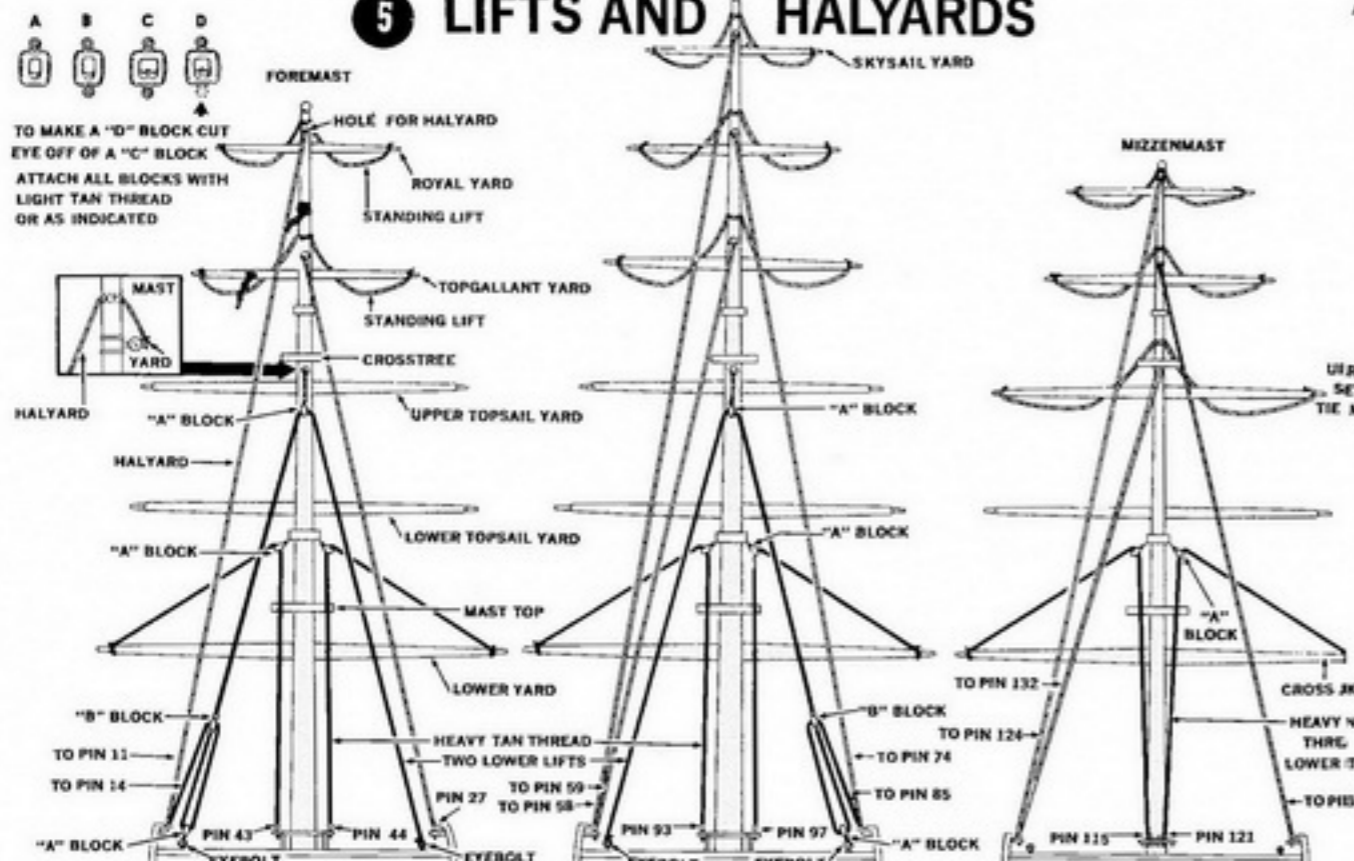


4 BACKSTAYS



RUNNING RIGGING

5 LIFTS AND HALYARDS



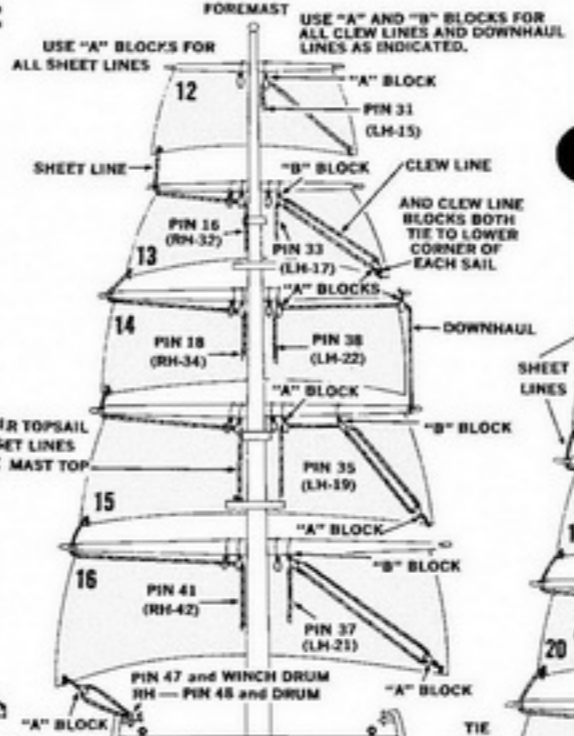
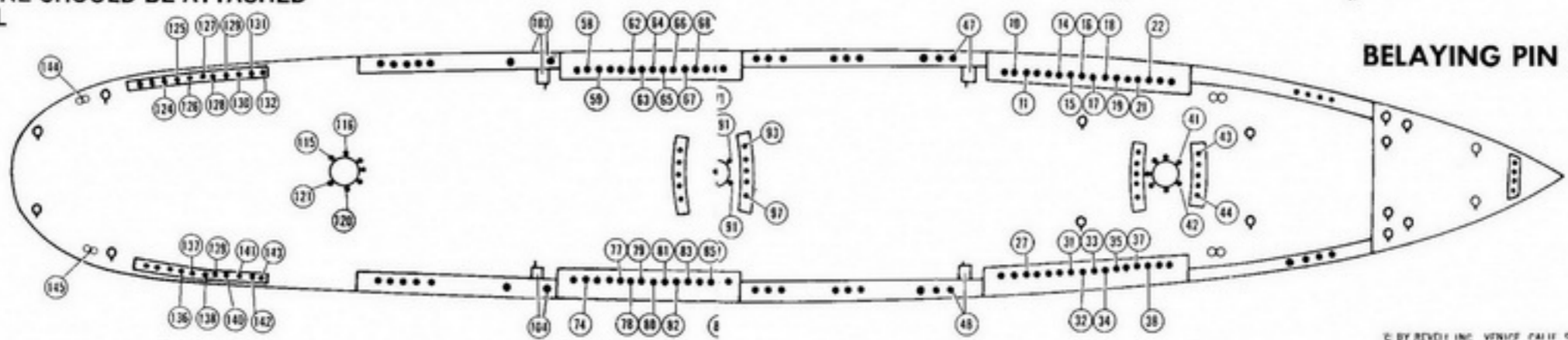
TO MAKE A "D" BLOCK CUT EYE OFF OF A "C" BLOCK ATTACH ALL BLOCKS WITH LIGHT TAN THREAD OR AS INDICATED

FOREMAST: looking forward with YARDS in raised position for SAIL RIGGING. The standing lifts are slack with YARDS in top position. LIFTS ARE TAUT IN LOWERED POSITION.

MAINMAST: looking forward with YARDS in raised position for SAIL RIGGING.

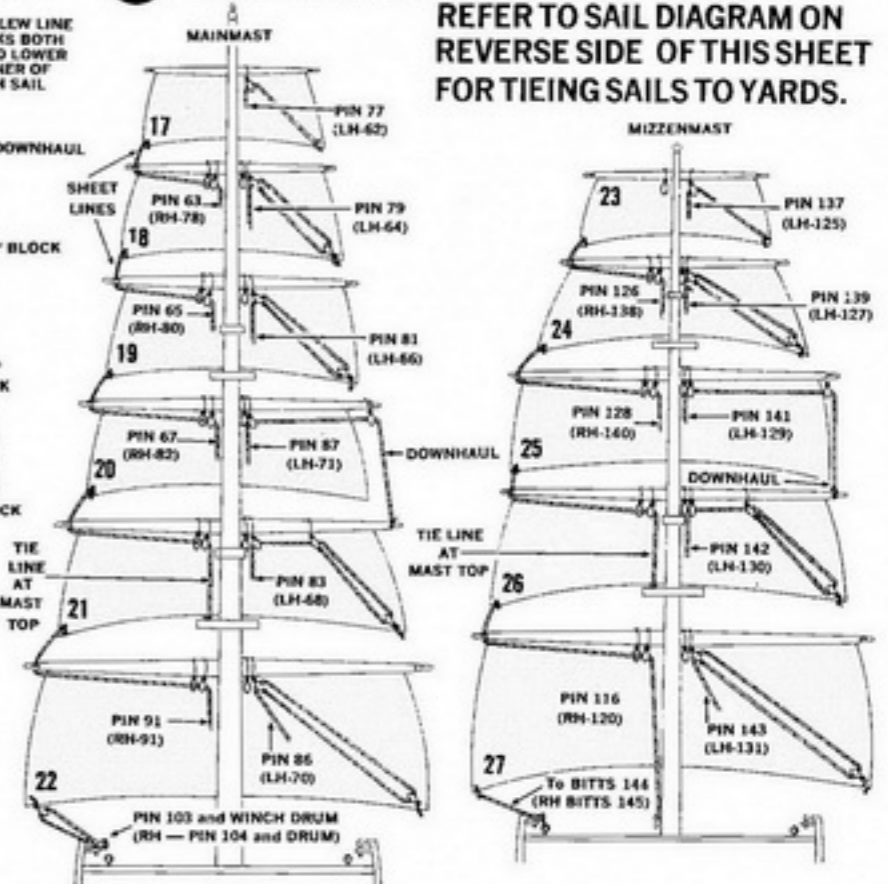
MIZZENMAST: looking forward with YARDS in raised position for SAIL RIGGING.

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.



- Each set of LINES and BLOCKS must have duplicates rigged on the other side of the MAST.
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



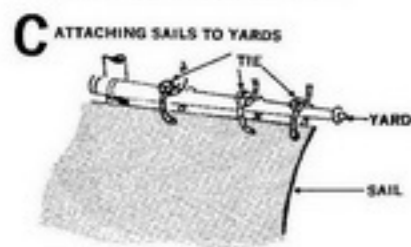
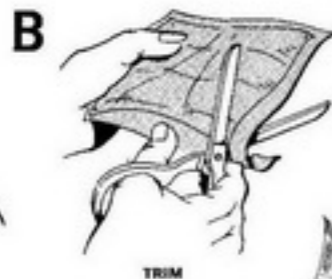
SAIL RIGGING
REFER TO SAIL DIAGRAM ON REVERSE SIDE OF THIS SHEET FOR TIEING SAILS TO YARDS.

BELAYING PIN DIAGRAM

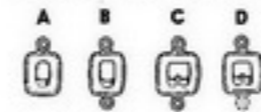
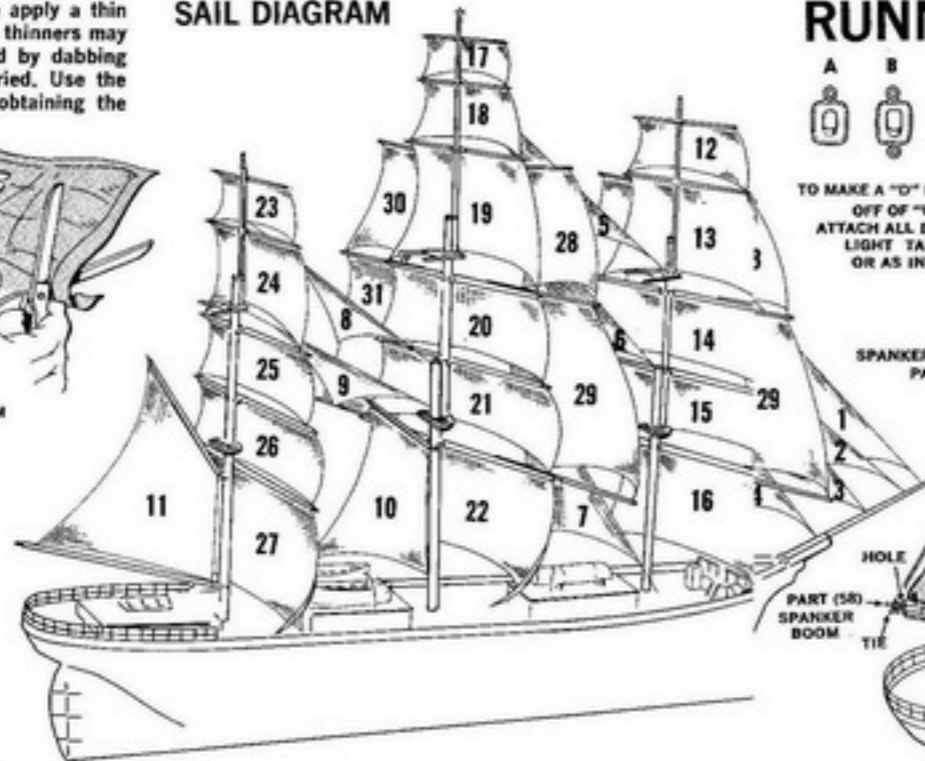
If you wish to give the Sails a Weathered Appearance apply a thin diluted wash of light gray paint. Use sparingly as some thinners may tend to crack the Plastic. Highlights can be obtained by dabbing areas with a soft cloth or tissue before paint has dried. Use the excess material around Sails to experiment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

SAIL DIAGRAM

RUNNING RIGGING FORE AND AFT SAILS

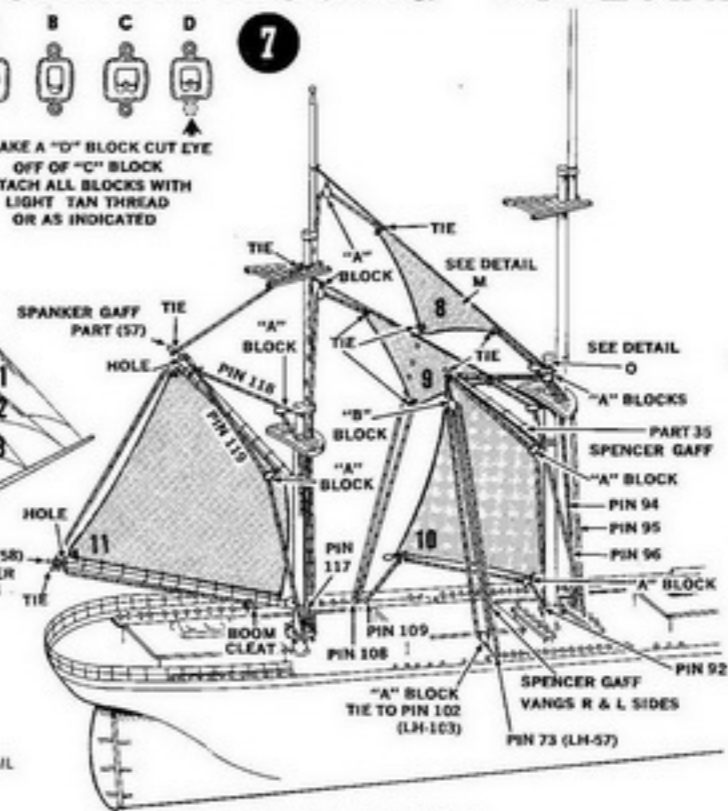


- | | | | | |
|-----------------------------|-------------------------------|------------------------|--------------------------|------------------------------------|
| 1. FLYING JIB | 8. MIZZEN TOPGALLANT STAYSAIL | 15. FORE LOWER TOPSAIL | 22. MAIN COURSE | 28. RIGHT FWD MAIN TOPGALLANT SAIL |
| 2. OUTER JIB | 9. MIZZEN TOPMAST STAYSAIL | 16. FORE COURSE | 23. MIZZEN ROYAL | 29. RIGHT FWD MAIN TOPMASTING SAIL |
| 3. INNER JIB | 10. MAIN SPENCER | 17. MAIN SKYSAIL | 24. MIZZEN TOPGALLANT | 30. LEFT FWD MAIN TOPGALLANT SAIL |
| 4. FORE TOPMAST STAYSAIL | 11. SPANKER | 18. MAIN ROYAL | 25. MIZZEN UPPER TOPSAIL | 31. LEFT FWD 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 | | |



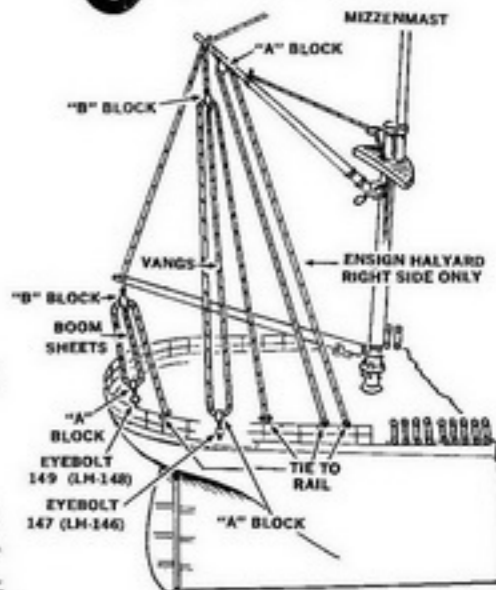
7

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

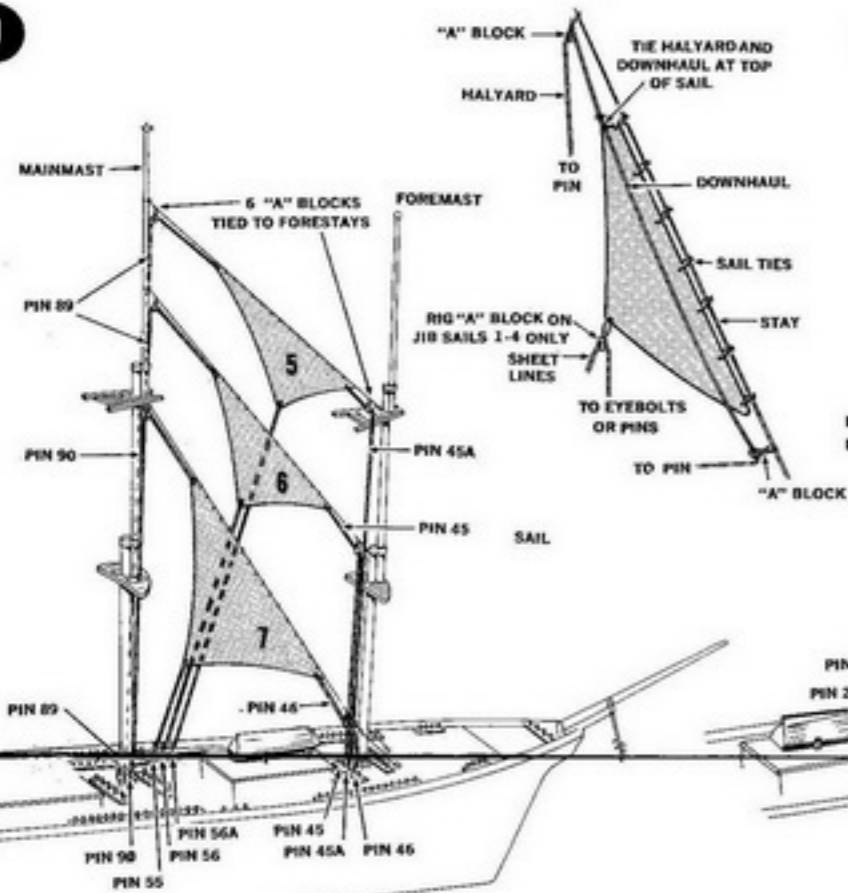


8

RIG THESE LINES AFTER RIGGING SAIL 11

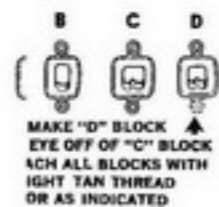
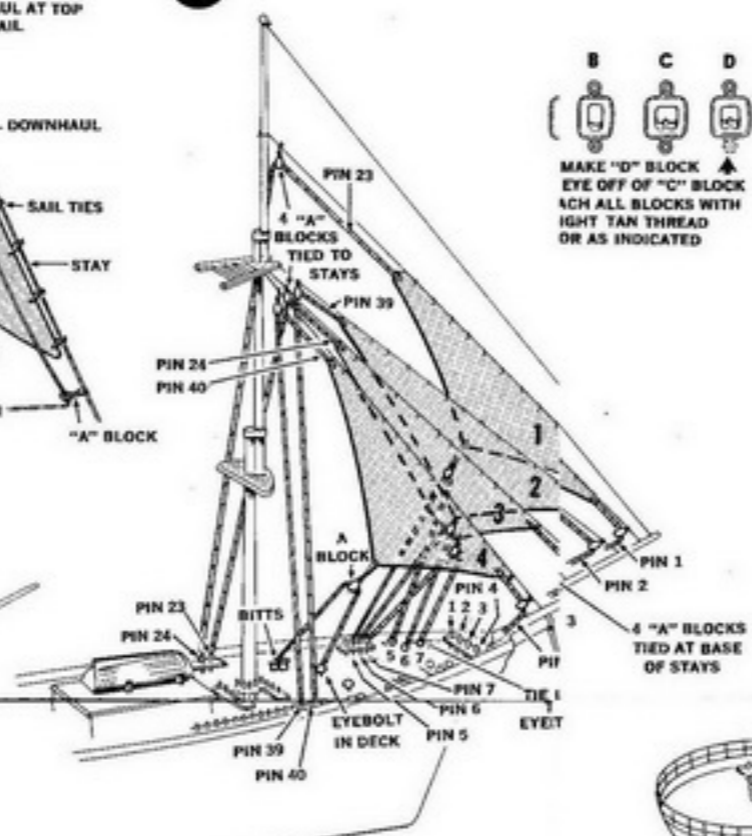


9



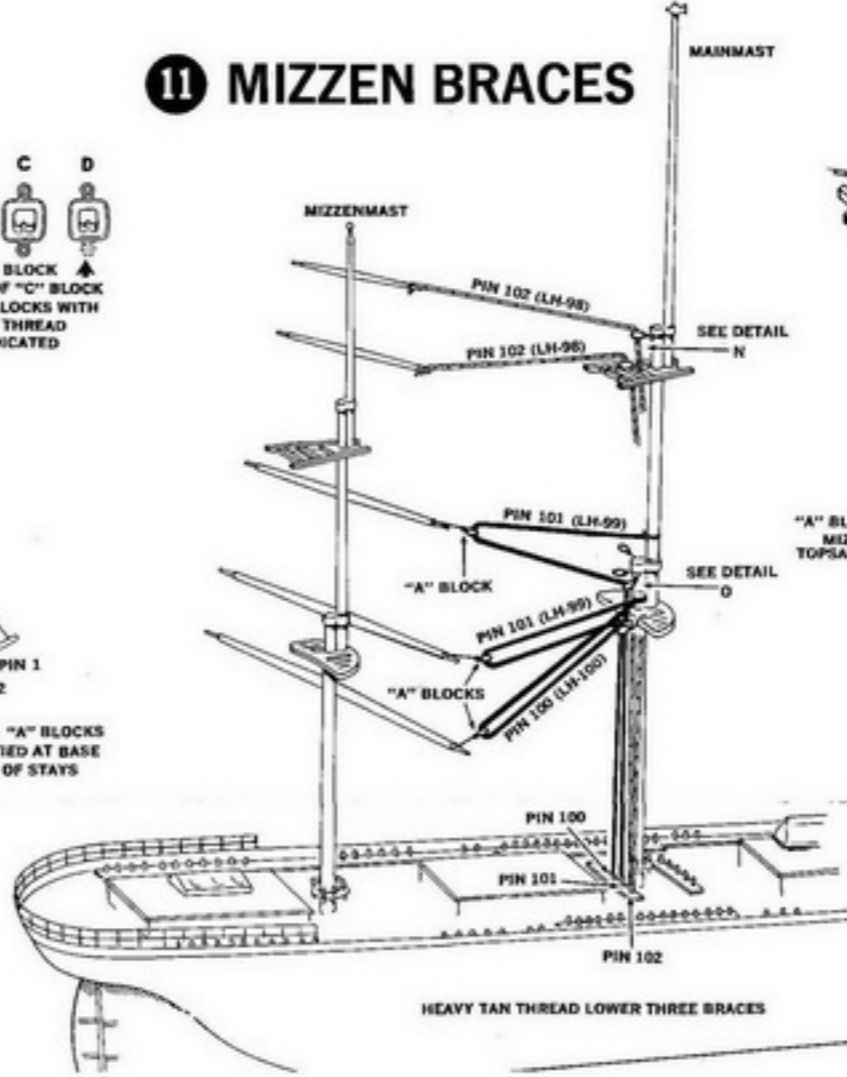
M

10

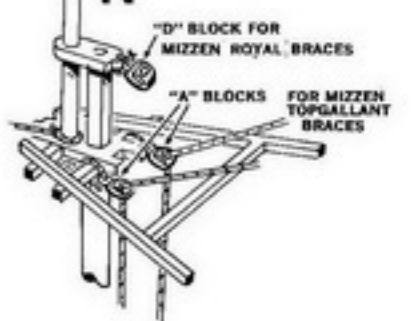


11

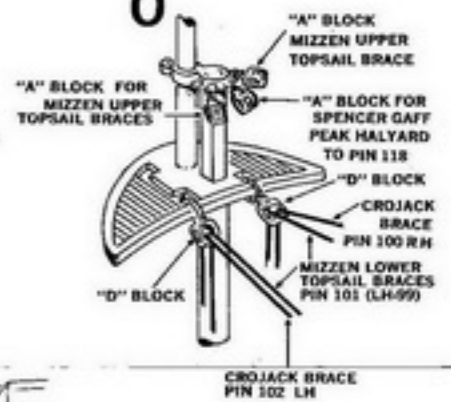
MIZZEN BRACES



N



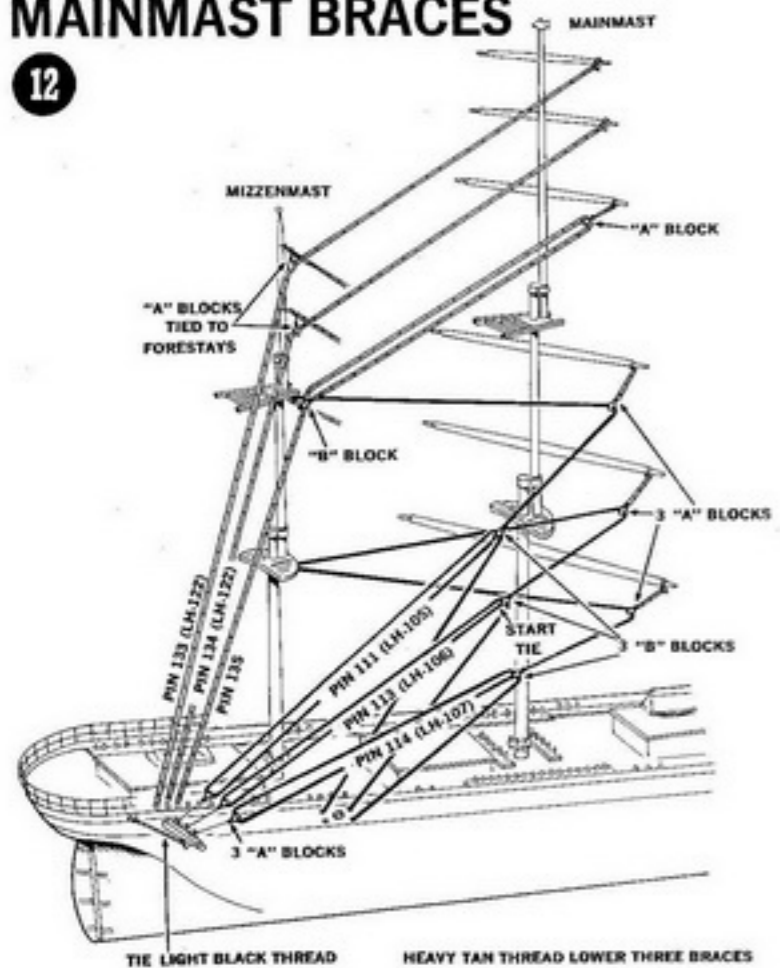
O



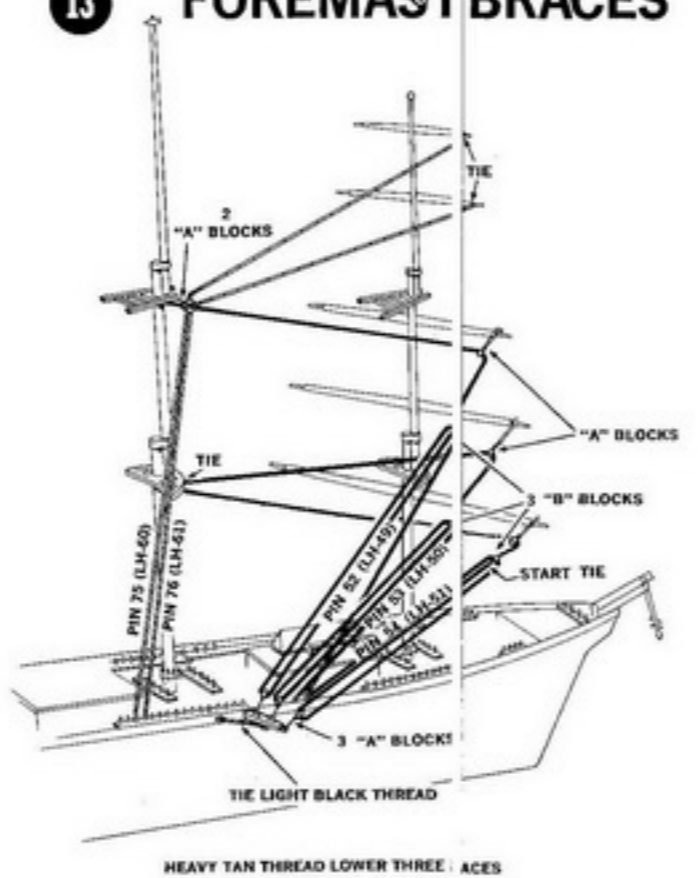
NOTE: SAILS (3) THROUGH (4) HAVE DOLE SHEET LINES THAT HAVE SEPARATE POINTS OF ATTACHMENT. SEE RELAYING PIN DIAG.

MAINMAST BRACES

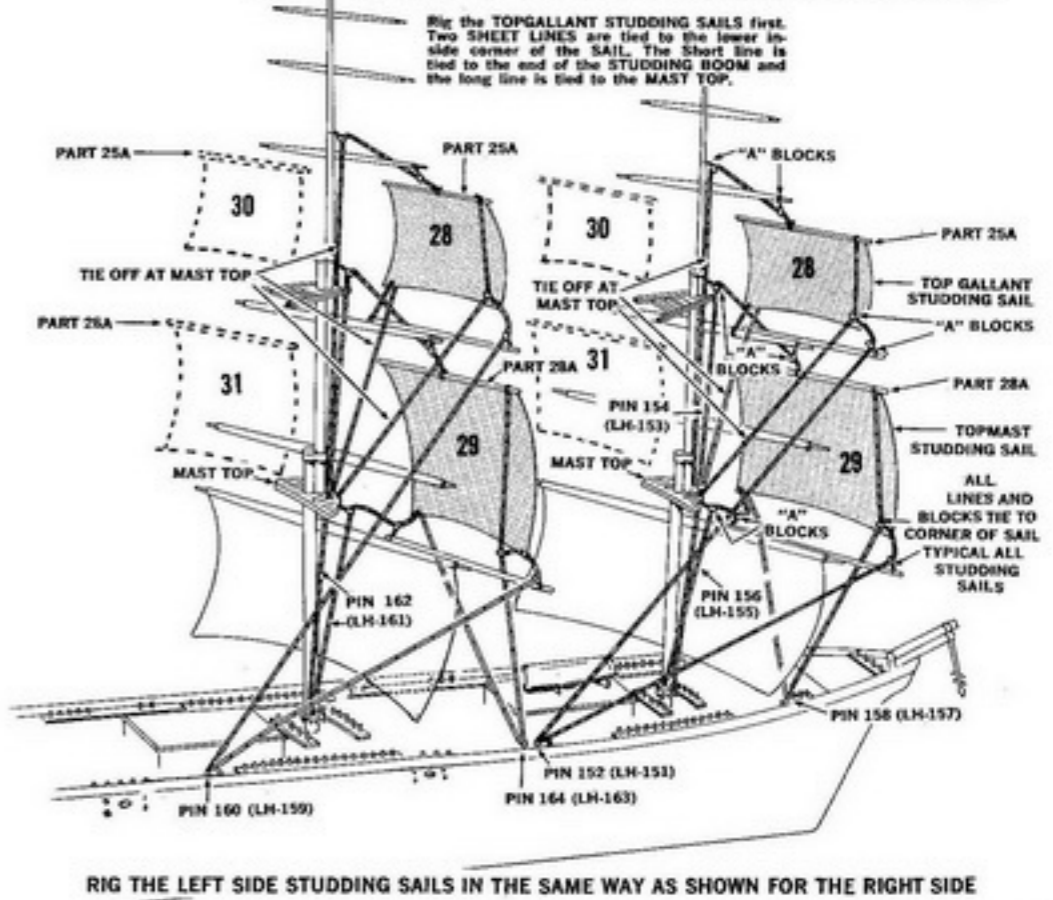
12



13 FOREMAST BRACES



14 STUDDING SAIL RIGGING



BELAYING PIN DIAGRAM

