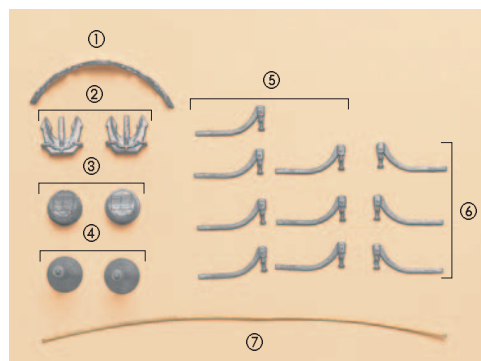




Parts of the command bridge and sides



- ① Bow fairlead
- ② Anchor x 2
- ③ Machine-gun firing control mechanism x 2
- ④ Base of machine-gun fire control mechanism x 2
- ⑤ Launch cranes x 7
- ⑥ Launch cranes x 3
- ⑦ Wire

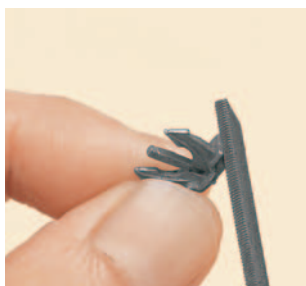
Pieces 5 and 6 are mirror opposites.

Recommended tools and materials

- Fast-drying glue
- Metal file
- Sandpaper (grain no. 800)
- Putty
- Wooden spatula
- 7mm-diameter rod
- Pliers
- Craft knife
- Double-sided adhesive tape
- Long-nosed pliers
- Hand drill (diameter 0.5mm and 1mm)
- Metal primer
- Spray paint (battleship grey)
- Watercolour (matt black, battleship grey, gold)

PARTS OF THE COMMAND BRIDGE AND SIDES

1 With the metal file, smooth pieces 1 to 6 to eliminate irregularities in shape. Where the file cannot reach, use the tip of the blade of the craft knife, taking care not to damage other parts of the pieces.



2 Smooth pieces 1 to 6 with sandpaper grain no. 800, taking care not to alter the original shape.



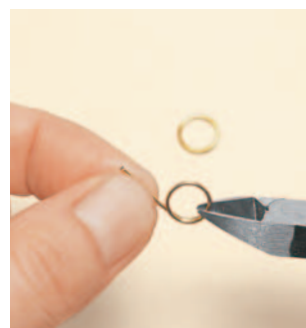
3 Correct any holes or hollows in the surface, using putty. Apply a small quantity with a wooden spatula. When the putty is dry, remove any excess with sandpaper grain no. 800.



4 Wrap piece 7 around a rod with a 7mm diameter, such as a pencil.



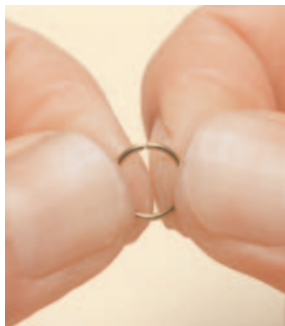
5 Remove piece 7 from the rod, and cut the excess wire with the pliers, giving you two rings.



6 Close up the join in both rings. You have made the anchor rings.



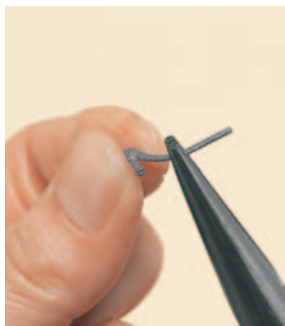
7 Checking against Step 21, curve the rings to the shape of the hull.



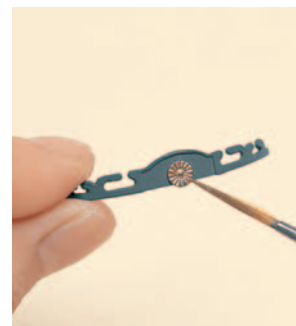
12 Fix pieces **3** to a wooden rod with double-sided adhesive tape, as shown in the photo. Mix one part matt black watercolour with two parts battleship grey watercolour and paint the front cavities.



8 Take the side elevation plan of the hull (port) and arrange pieces **5** and **6** in their respective positions (see also Steps 17 to 20). Adjust the shape with the long-nosed pliers to ensure the best fit. The operation will be simpler if you secure the piece to the pliers with adhesive tape and bend it with your fingertips.



13 Take piece **1** and paint the chrysanthemum crest with gold watercolour. Take care not to disguise the original detail of the piece.



9 After adjusting the shape, evenly spray pieces **1** to **6** and the two rings with metal primer, from a distance of about 30cm. First secure the pieces to a base with double-sided adhesive tape, as shown in the photo.

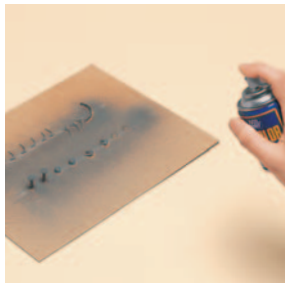


⚠ When using metal primer, ventilate the room well and follow the instructions on the packaging.

14 Take a piece **4** as shown in the photo and fix it to a piece **3**, using fast-drying glue. You have made a machine-gun firing control mechanism. Make another.

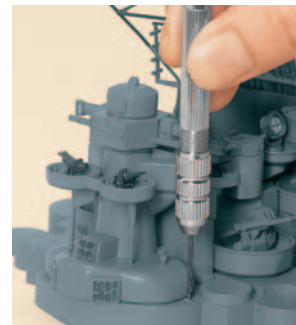
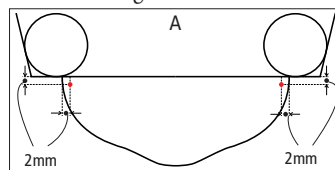


10 Allow the metal primer to dry, and spray a light and even coat of battleship grey, from a distance of about 30cm.



⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.

15 Take the command bridge so far assembled. Drill two holes 1mm in diameter and 2mm deep in the points of the rear of the command bridge indicated by the red dots in Figure A.



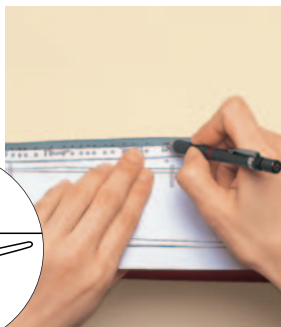
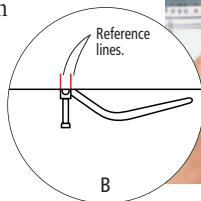
11 Allow the paint to dry and repeat the operation several times from different angles.



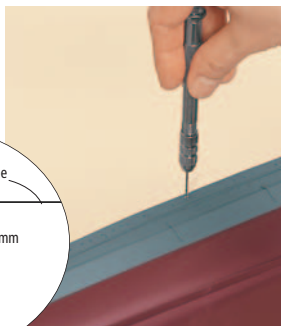
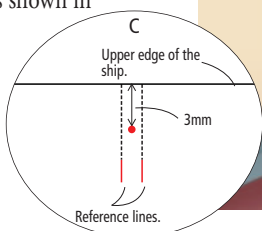
16 Apply fast-drying glue to the projections of pieces **4** and insert them in the holes drilled in Step 15. The incised part should face toward the sides.



17 Place the side elevation plan (port) on the port side of the hull, and mark the positions of the small cranes for launches, as shown in the photo and Figure B.



18 Using the marks made in Step 17 as reference, drill holes 0.5mm in diameter and 3mm deep, as shown in Figure C.



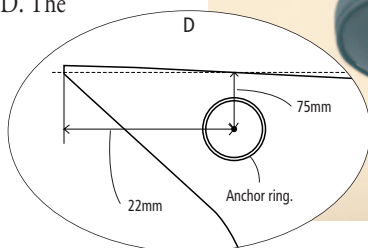
19 Apply fast-drying glue to the protruding parts of pieces 5, and insert them into the holes drilled in the stern area in Step 18.



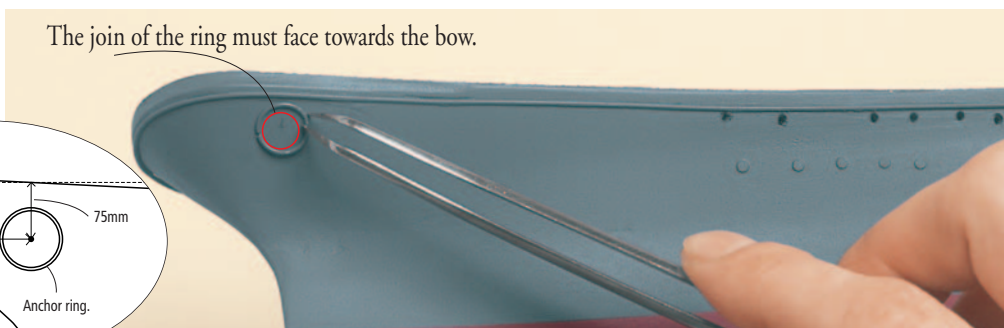
20 As described in Step 19, insert pieces 5 and 6. Take care not to invert the position of the pieces. Paint over the reference lines drawn in Step 17 with battleship grey.



21 With fast-drying glue, attach an anchor ring to the port side of the hull in the position shown in Figure D. The join of the ring should face towards the bow.



The join of the ring must face towards the bow.



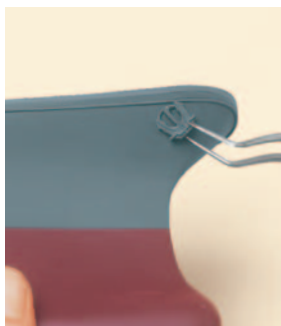
22 With fast-drying glue, fix piece 2 to the ring glued in Step 21. Disguise the join in the ring by gluing it, as shown in the photo.



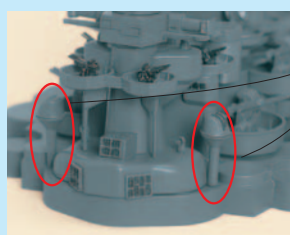
24 With fast-drying glue, fix piece 1 to the edge of the forward deck.



23 Following Steps 21 and 22, fix the ring and piece 2 on the opposite side of the hull.



COMPLETED PIECES



MACHINE-GUN FIRING CONTROL MECHANISM

ANCHOR RING

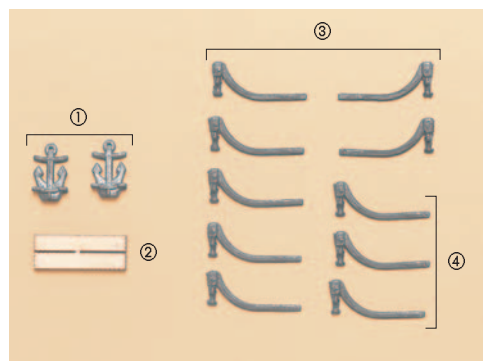
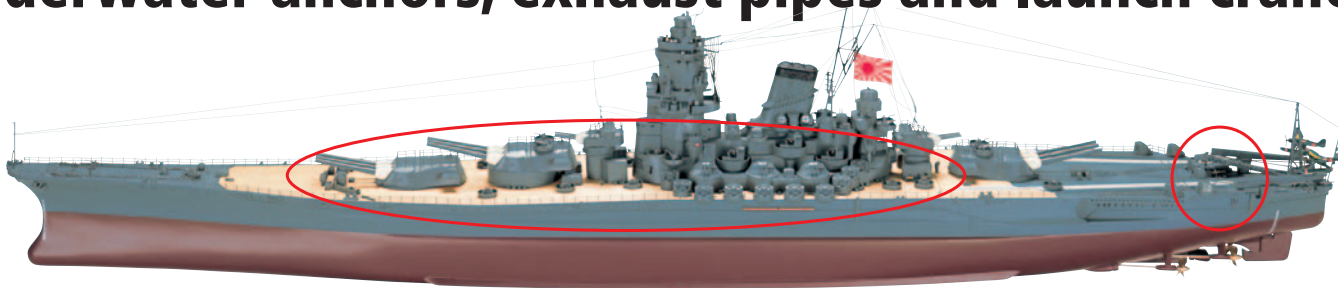
LAUNCH CRANE

BOW FAIRLEAD





Underwater anchors, exhaust pipes and launch cranes



- ① Underwater anchor x 2
- ② Exhaust pipe x 2
- ③ Launch crane x 7
- ④ Launch crane x 3

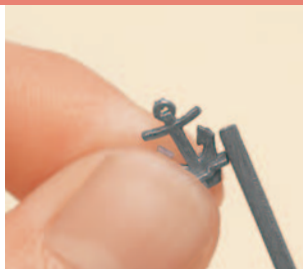
Pieces 3 and 4 are mirror opposites.

Recommended tools and materials

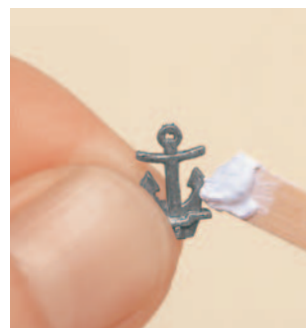
- Fast-drying glue
- Metal file
- Round metal file
- Sandpaper (grain nos. 400, 800)
- Craft knife
- Putty
- Wooden spatula
- Double-sided adhesive tape
- Adhesive tape
- Long-nosed pliers
- Pencil
- Hand drill (diameter 0.8mm)
- Paint primer
- Metal primer
- Spray paint (battleship grey)
- Watercolour (battleship grey)

UNDERWATER ANCHORS, EXHAUST PIPES AND LAUNCH CRANES

25 With the metal file, remove any irregularities in the surfaces of pieces 1, 3 and 4.



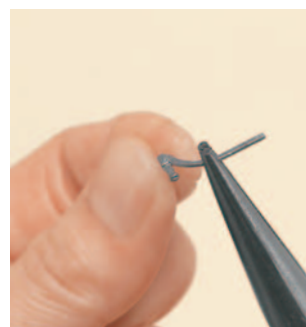
28 Adjust any hollows in pieces 1, 3 and 4 with putty, using a wooden spatula. Once dry, remove excess putty with sandpaper grain no. 800.



26 Where the file cannot reach, use the tip of the craft knife, taking care not to damage the surrounding parts.



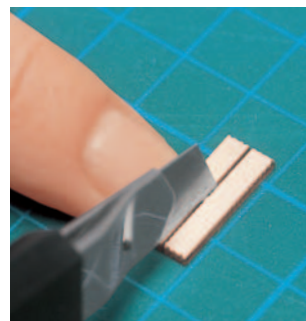
29 Place pieces 3 and 4 on the starboard side elevation plan of the hull (see also Steps 13 to 16). Adjust them by bending one end with the long-nosed pliers so they fit exactly. It is advisable to secure the piece in the pliers with adhesive tape and to bend the pieces with your fingertips.



27 Smooth surfaces of pieces 1, 3 and 4 with sandpaper grain no. 800, without damaging the original shape.



30 Separate pieces 2 by running the tip of the craft knife several times along the join.



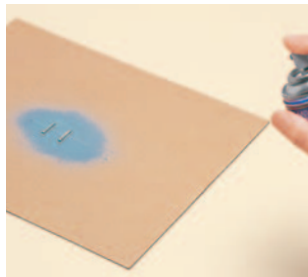
31 Smooth the edges of pieces **2** with sandpaper grain no. 800.



36 When the paint is dry, spray pieces **2** several times from different angles, allowing the paint to dry each time.

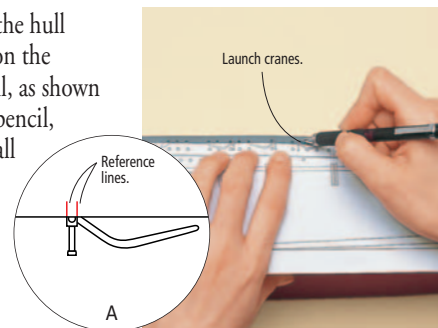


32 From a distance of 30cm, spray paint primer evenly on pieces **2**. The operation will be simpler if you secure the pieces to cardboard with double-sided adhesive tape.

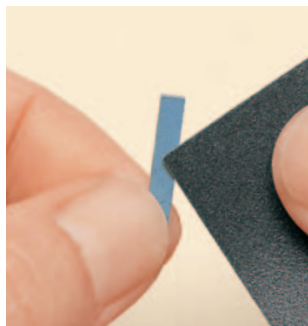


⚠ When using paint primer, ventilate the room well and follow the instructions on the packaging.

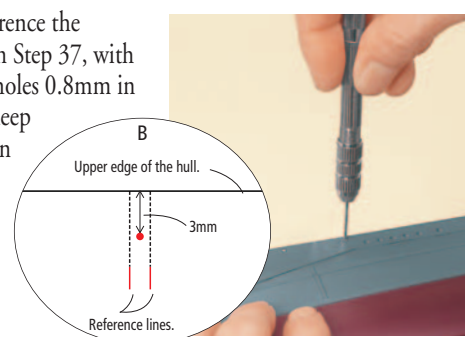
37 Rest the plan of the hull (starboard side) on the starboard side of the hull, as shown in the photo. With the pencil, transfer the position of all the launch cranes (Figure A).



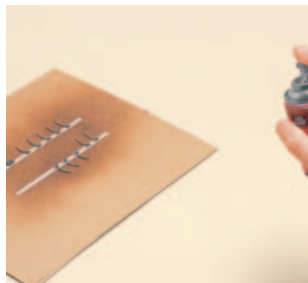
33 Allow the primer to dry and smooth with sandpaper grain no. 400.



38 Taking as reference the marks made in Step 37, with the hand drill make holes 0.8mm in diameter and 3mm deep at the points shown in Figure B.

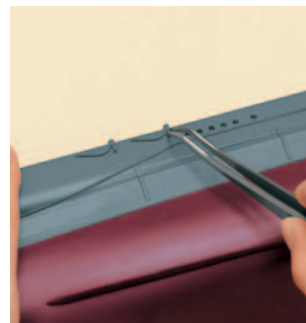


34 Spray the metal primer evenly on pieces **1**, **3** and **4**, from a distance of about 30cm. The operation will be simpler if you secure the pieces to cardboard with double-sided adhesive tape.



⚠ When using the metal primer, ventilate the room well and follow the instructions on the packaging.

39 Place a piece **3** in a hole towards the stern made in Step 38. Apply fast-drying glue on the protruding part of piece **3** and insert it into the hole.



35 When the metal primer is dry, spray pieces **1** to **4** with a light and even coat of battleship grey, from a distance of 30cm.

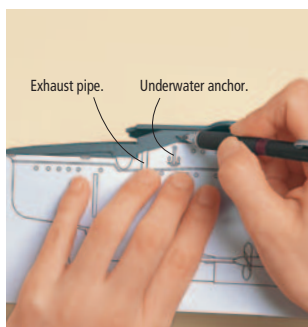


⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.

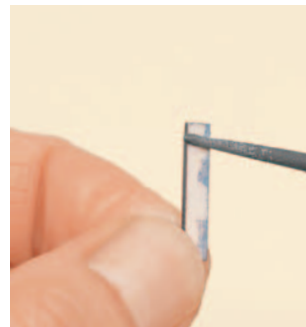
40 Following the same procedure, insert the other pieces **3** and **4** in the remaining holes. Follow the drawing of the hull (starboard side), taking care to position the pieces correctly. Paint over the lines drawn in Step 37 with battleship grey watercolour.



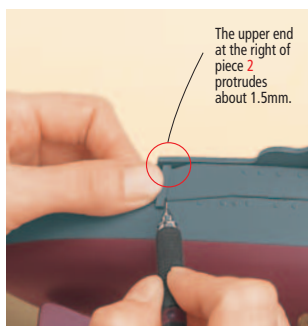
41 Place the side elevation plan of the hull (starboard) on the stern, as shown in the photo. Hold the drawing steady and transfer the positions of the exhaust pipe and the underwater anchor onto the hull.



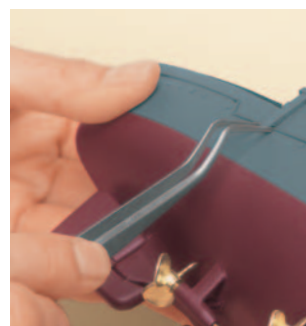
46 As shown in the photo, smooth piece 2 with a round metal file, so that the piece fits perfectly to the hull.



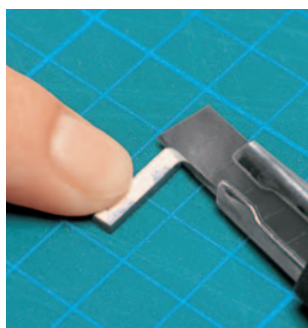
42 Remove the plan and, as shown in the photo, place piece 2 so that it aligns with the reference lines. Transfer the position of the loadline on the side of the hull onto piece 2.



47 With fast-drying glue, fix piece 2 in the position shown in Step 42.



43 Take piece 2 and, using the craft knife, make an incision at the point marked in Step 42. Scrape the piece to make a 'V'-shaped groove, about 0.5mm deep.



48 With fast-drying glue, fix the underwater anchor at the point marked in Step 41.



44 Following Steps 41 to 43, fix the other piece 2 on the port side.

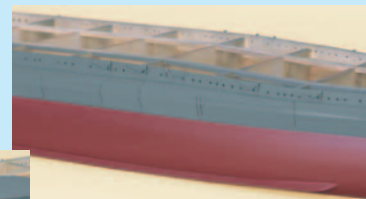


45 Following steps 17 to 22, also fix the remaining piece 1 on the port side.

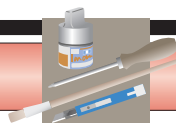


COMPLETED PARTS

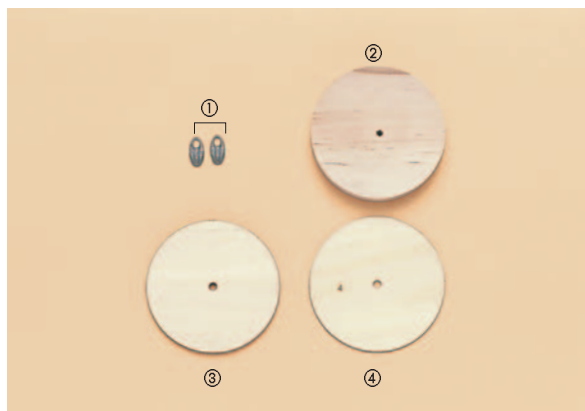
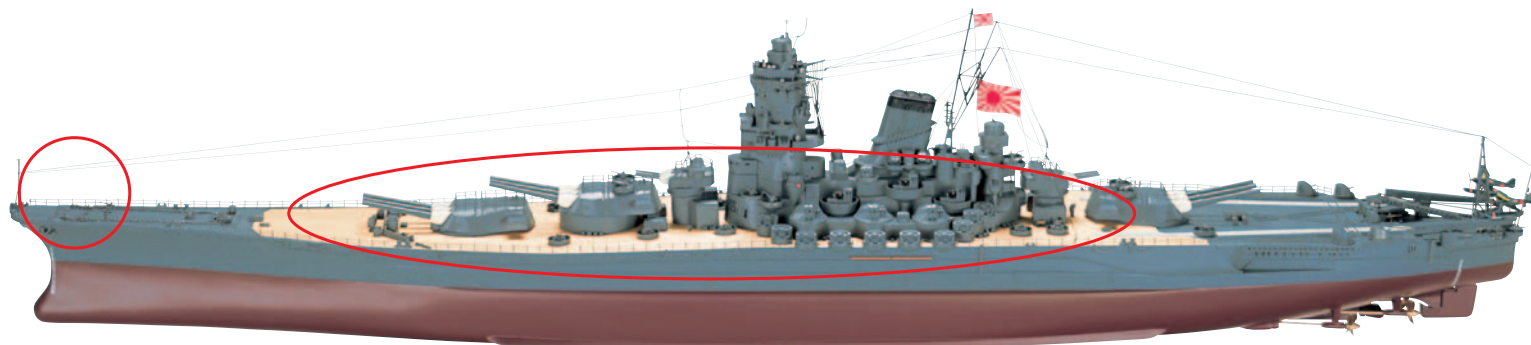
UNDERWATER ANCHORS,
EXHAUST PIPES



LAUNCH CRANES



Hawseholes and bases of the main guns



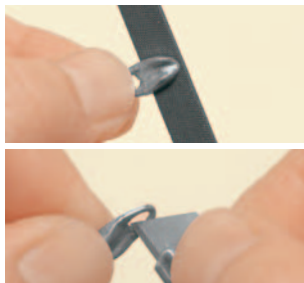
- ① Hawseholes x 2
- ② Gun base (maximum thickness)
- ③ Gun base (middle thickness)
- ④ Gun base (minimum thickness)

Recommended tools and materials

- Fast-drying glue
- Wood glue
- Metal file
- Sandpaper (grain nos. 400, 800)
- Craft knife
- Putty
- Wooden spatula
- Double-sided adhesive tape
- Pencil
- Bamboo rod
- Paint primer
- Metal primer
- Spray paint (battleship grey)

HAWSEHOLES

49 Using the metal file, smooth pieces 1 to eliminate irregularities in shape. Where the metal file cannot reach, use the blade of the craft knife, being careful not to damage other parts of the pieces.



50 Smooth with sandpaper grain no. 800, trying not to alter the original shape.



51 Spray pieces 1 evenly with metal primer from a distance of about 30cm. The operation will be simpler if you secure the pieces to a base with double-sided adhesive tape, as shown in the photo.



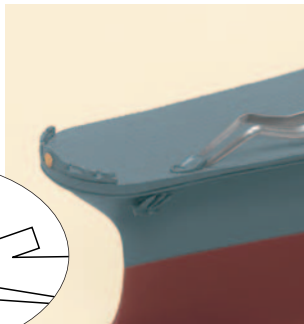
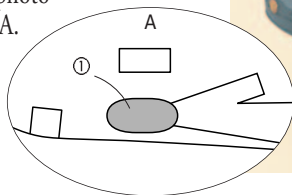
⚠ When using metal primer, ventilate the room well and follow the instructions on the packaging.

52 When the metal primer is dry, spray a light and even coat of battleship grey on pieces 1, keeping the canister about 30cm away. Allow to dry, then spray again from different angles, repeating the operation several times.

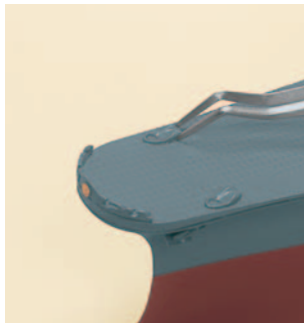


⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.

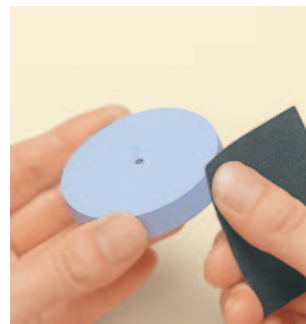
53 Take the hull and, using fast-drying glue, fix a piece **1** on the port side of the forward deck, in the position shown in the photo and in Figure A.



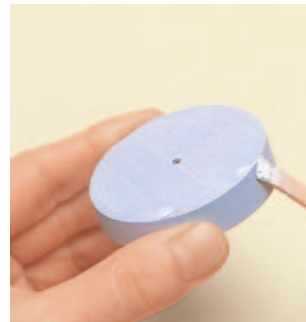
54 Similarly, with fast-drying glue, fix the other piece **1** on the starboard side.



57 Allow the paint to dry, and smooth the pieces with sandpaper grain no. 400 to eliminate irregularities in the surface.



58 If there are holes or hollows in the surface of the pieces, correct them by applying putty with a wooden spatula. Push the putty to the bottom and, when dry, smooth with sandpaper grain no. 800 to remove any excess.

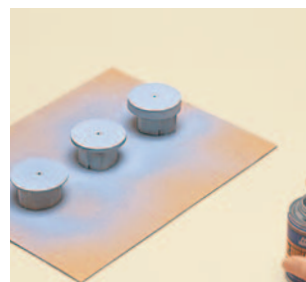


BASES OF THE MAIN GUNS

55 Smooth pieces **2, 3** and **4** with sandpaper grain no. 400 to eliminate any irregularities. Be careful not to smooth too much.



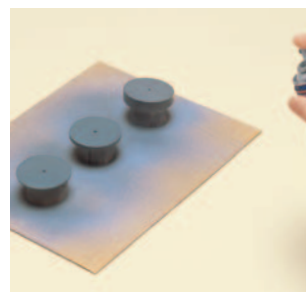
59 As in Step 56, spray pieces **2, 3**, and **4** evenly with paint primer, as shown in the photo. When dry, smooth them with sandpaper grain no. 400.



56 Spray paint primer evenly on parts **2, 3** and **4** from a distance of 30cm. The operation will be simpler if you secure the pieces to a base with the double-sided adhesive tape, as shown in the photo.

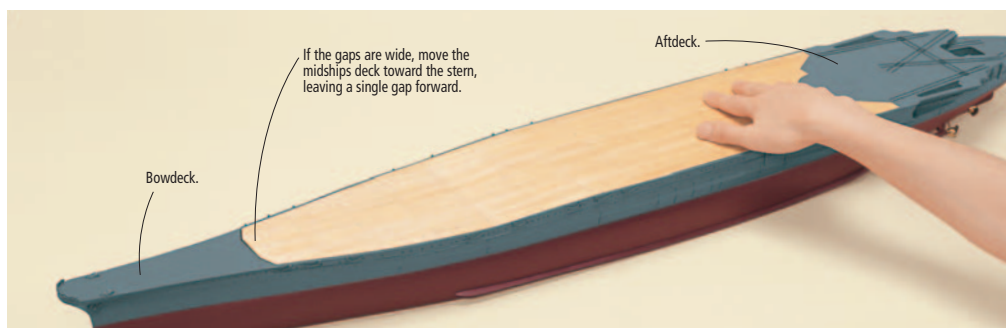


60 Spray pieces **2, 3** and **4** with a light and even coat of battleship grey, keeping the canister about 30cm away. Allow to dry, and repeat the operation several times from different angles.



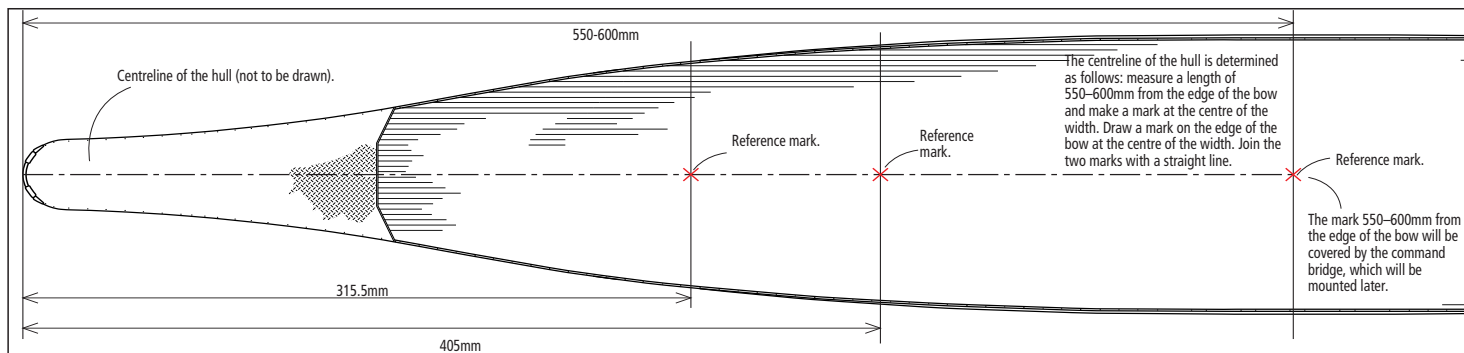
⚠ When using paint primer, ventilate the room well and follow the instructions on the packaging.

⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.



61 Fix the deck to the hull with wood glue. Any small gaps (1–2mm) between the foredeck or aftdeck and amidships will be disguised when the rest of the parts are assembled. If the gap is larger, move the deck further towards the stern, leaving the gap at the forward end to be adjusted later.

62 Draw a reference mark on the centre line of the hull, at the points 315.5mm and 405mm from the edge of the bow, as shown in the drawing (below).



63 With fast-drying glue, fix piece 3 to the relevant point on the aftdeck, as shown in the photo.



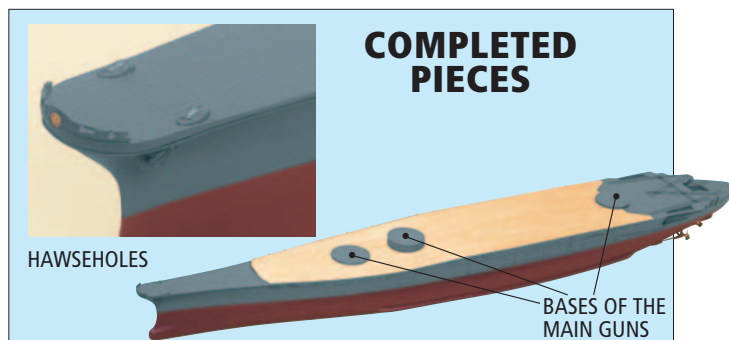
64 Take piece 2, and position it with the flat surface uppermost. With a pencil, make a mark to distinguish the thicker and thinner sides of the piece.



65 Position the centre of piece 2 on the reference mark, 405mm from the edge of the bow, and fix with fast-drying glue. The operation will be easier if you insert a bamboo rod into the piece. Checking against the marks made in Step 64, turn the thicker end of the piece forward, the thinner end aft.

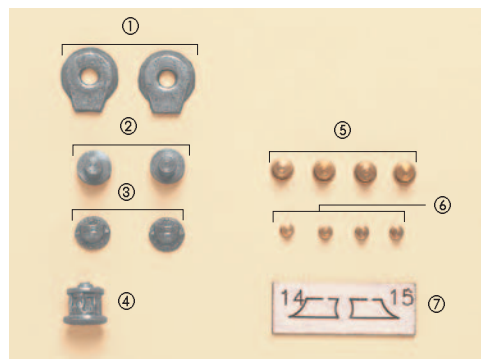


66 With fast-drying glue, fix piece 4, positioning its centre on the 315.5mm reference mark.





Components of the bow



- ① Base of the fairlead x 2
- ② Fairlead x 2
- ③ Chain inlet x 2
- ④ Winch
- ⑤ Bollard (large) x 4
- ⑥ Bollard (small) x 4
- ⑦ Board

The numbers imprinted on board 7 were stamped in manufacture and in no way relate to the assembly procedures.

Recommended tools and materials

- Fast-drying glue
- Metal file
- Round metal file
- Sandpaper (grain nos. 400, 800)
- Putty
- Wooden spatula
- Craft knife
- Double-sided adhesive tape
- Paint primer
- Metal primer
- Spray paint (battleship grey)

BOW COMPONENTS

67 Remove any irregularities in the surface of pieces 1 to 6 with the metal file.



70 Correct any hollows in the surface of pieces 1 to 6 with putty, using a wooden spatula. Once dry, remove the excess putty using sandpaper grain no. 800.



68 Where the file cannot reach, use the tip of the craft knife, being careful not to damage the surrounding parts.



71 Taking as reference the photo in Step 84, insert piece 2 into the hole of piece 1. Adjust the hole in piece 1, if necessary, with the round file, as shown in the photo.



69 After an initial filing, smooth the surfaces of the pieces 1 to 6 with sandpaper grain no. 800, without damaging the original shapes.



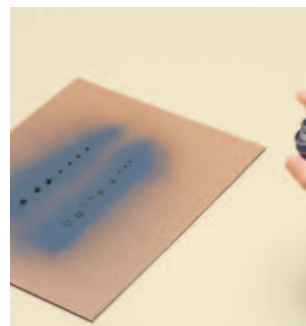
72 Detach pieces 7 from the backing board by running a craft knife lightly along the joins.



73 Smooth the edges of pieces **7** with sandpaper grain no. 800.



78 When the paint is dry, spray several times from different angles, letting the paint dry each time.



74 Spray paint primer evenly on the pieces **7**, from a distance of about 30cm. The operation will be simpler if you secure the pieces to a base with double-sided adhesive tape, as shown in the photo.

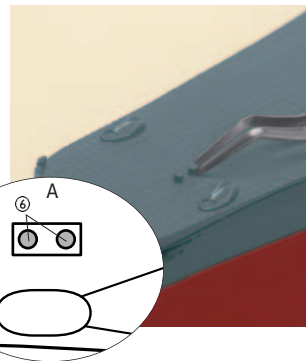


⚠ When using paint primer, ventilate the room well and follow the instructions on the packaging.

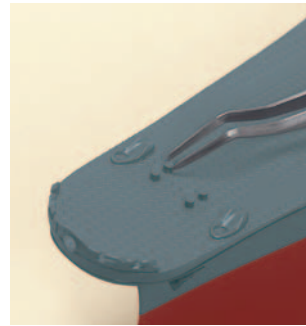
75 When the paint primer is dry, smooth with sandpaper grain no. 400.



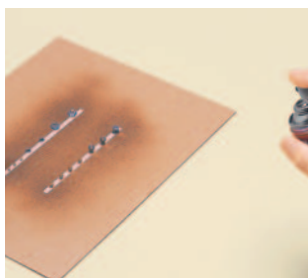
79 Take the hull so far assembled, and on the port side of the bow, in the position shown in the photo, fix two pieces **6** with fast-drying glue. Place them as shown in Figure A, on the flat part of the foredeck.



80 Following Step 79, fix two pieces **6** to the starboard side.

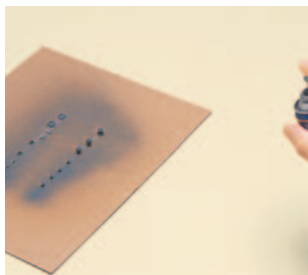


76 Spray metal primer evenly on pieces **1** to **6**, from a distance of 30cm. As shown in the photo, it is easier if you secure the pieces on cardboard with double-sided tape.



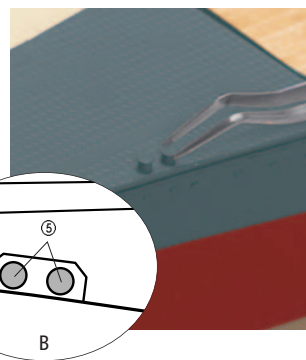
⚠ When using metal primer, ventilate the room well and follow the instructions on the packaging.

77 Allow the metal primer to dry, and spray a thin coat of battleship grey on pieces **1** to **7**, from a distance of about 30cm.

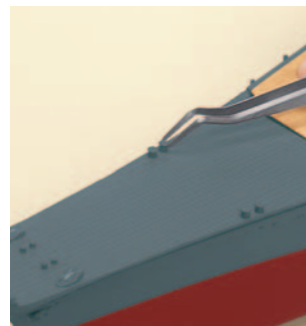


⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.

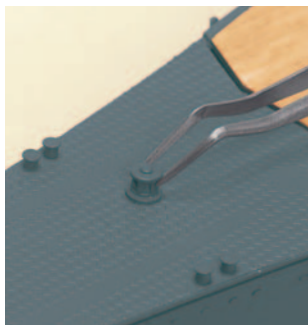
81 On the port side of the foredeck, fix two pieces **5** in the position shown in the photo, using fast-drying glue. Position them as shown in Figure B, on the flat side of the foredeck.



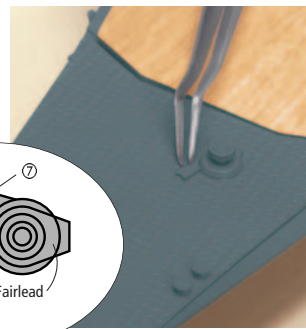
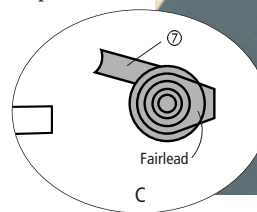
82 Following the procedure described in Step 81, fix two pieces **5** on the starboard side.



83 With fast-drying glue, fix piece **4** in position on the flat part of the foredeck, as shown in the photo.



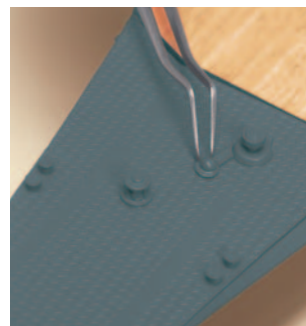
86 With fast-drying glue, fix a piece **7**, making sure it fits perfectly to the fairlead mounted in Step 85 (Figure C).



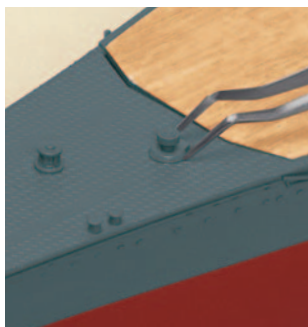
84 Position piece **1** so that the flat surface is facing down, and insert piece **2** in the hole, as shown in the photo. Fix it with fast-drying glue, making sure to match piece **1** with the base of piece **2**. You have made a fairlead. Make another two.



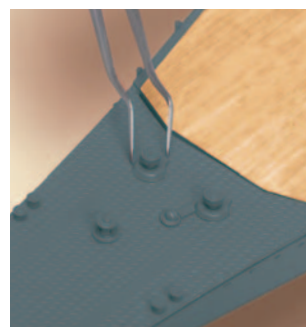
87 With fast-drying glue, fix a piece **3** to the piece **7** glued in Step 86. Mount piece **3** with the hole facing piece **7**.



85 On the port side of the bow, fix a fairlead with fast-drying glue. Position it as shown in the photo, on the flat of the foredeck (see also Figure C of Step 86).



88 Following Step 85, fix the other fairlead on the starboard side of the foredeck.



89 Following Step 85, fix the other piece **7** to the starboard fairlead with fast-drying glue. Position it symmetrically to the one on the port side.



90 Following Step 87, fix the other piece **3** to the starboard piece **7** with fast-drying glue.



COMPLETED PIECES

BOW COMPONENTS

