



Your parts

Planks 2 x 5mm

Tools and equipment

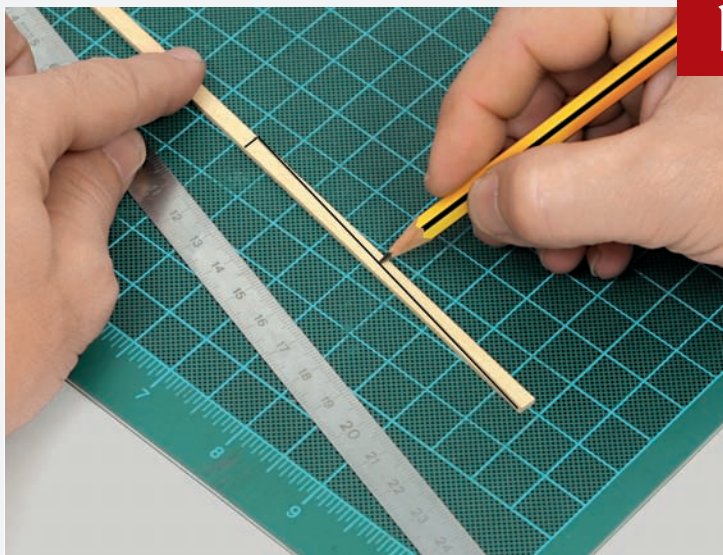
PVA wood glue
Sandpaper
Pin pusher/nails
Knife

Ruler
Cutting mat
Tweezers
Pencil



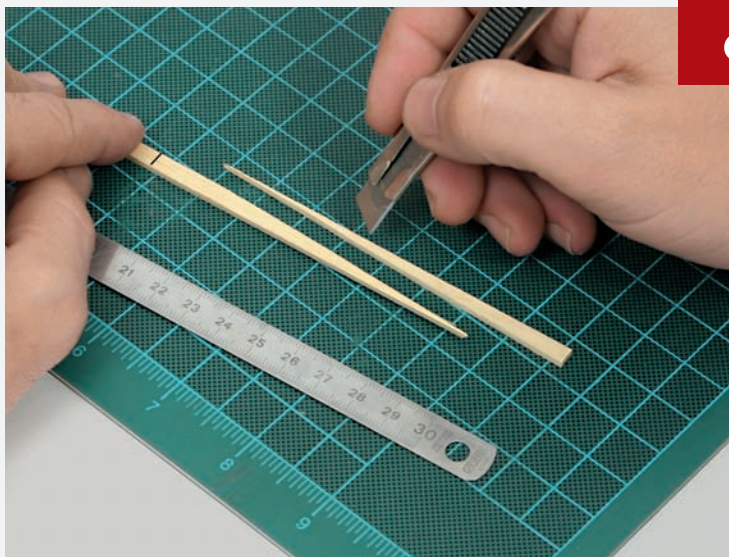
a

To fill a gap between planks in the hull, take a 2 x 5mm plank and hold it next to the gap. Mark where the gap starts and ends on the plank.



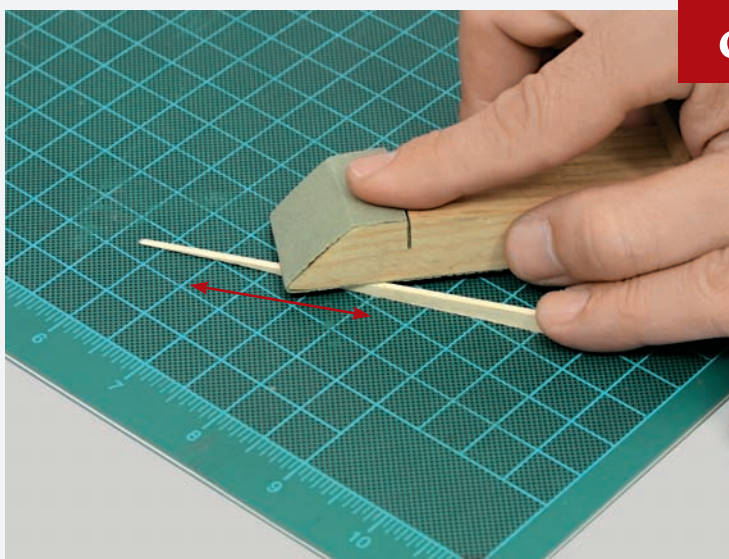
b

Draw a diagonal line from one corner of the marked area to the opposite corner, as shown.



c

Carefully cut along the line to create a wedge-shaped piece. Test-fit it in the gap.



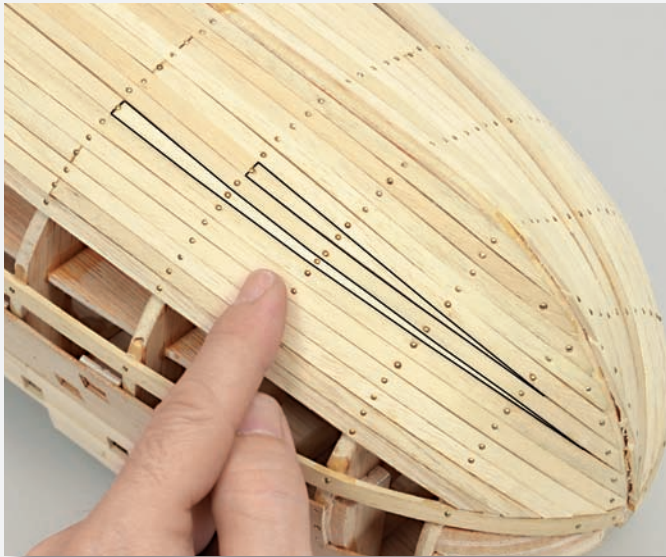
d

If necessary, use sandpaper to reduce the wedge to the size of the gap.



e

Keep testing the wedge until it fits exactly, then glue it into place.



f

Follow Steps a-e to fill any other gaps you find in the hull planking.



g

Don't forget that there may be gaps in the middle of the hull, and not just at the bow or stern.



h

Fill any remaining gaps at the stern.



i

Cut two 7mm lengths of 2 x 4mm wooden strip and glue them in front of the skylight, standing on edge. Position them in line with the centres of the upright frames of the skylight.



j

Cut another length to close the gap between the two 7mm strips.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.



Your parts

Ship's boat
Boat's gunwale
Wooden strip 2 x 5 x 150mm



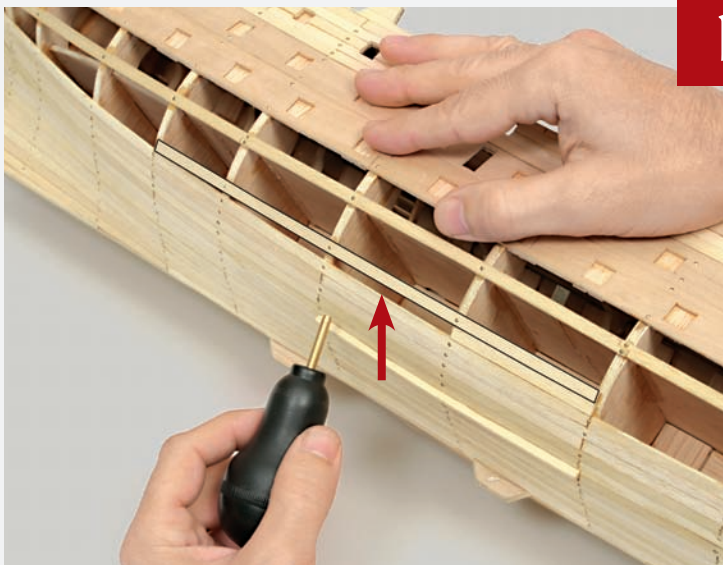
Tools and equipment

PVA wood glue	Tweezers
Sandpaper	Brushes
Pin pusher/nails	Brown and red paint
Knife	



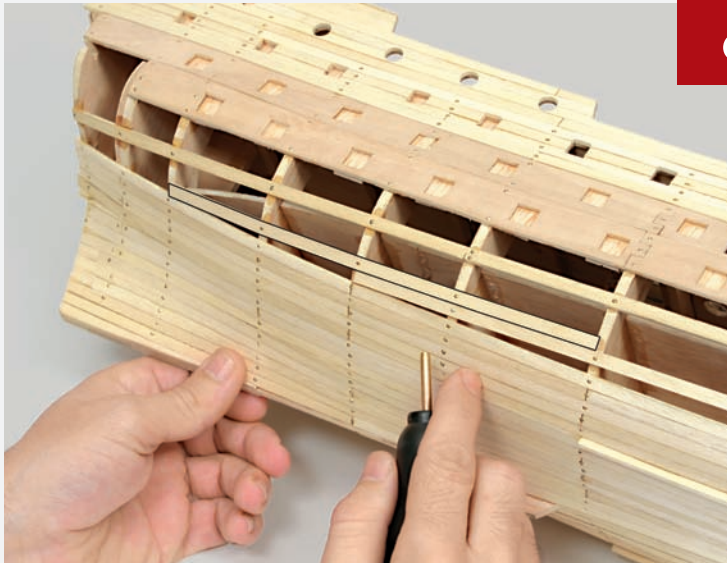
a

Cut a length of plank to fit between Frames 6 and 7, as shown.



b

Cut and glue another plank to fit from Frame 6 to Frame 10, creating a wedge-shaped gap.



Fit another plank, this time from Frame 8 to Frame 12.



Glue and nail another plank into place, from Frame 10 to Frame 14, creating another wedge-shaped gap.



Glue and nail a plank above the one from the last step, from Frame 11 to Frame 14.



f



Take the metal casting for the boat's hull and sand it smooth.

g



Paint the inside and outside of the hull with brown paint.

h



Cut the wooden strip into five lengths to fit the hull and glue into place inside the boat, as shown.



i

Paint the wooden strips red.



j

Carefully separate the gunwale from the sheet and glue into place on top of the hull.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.



Your parts

Planks 2 x 5mm

Tools and equipment

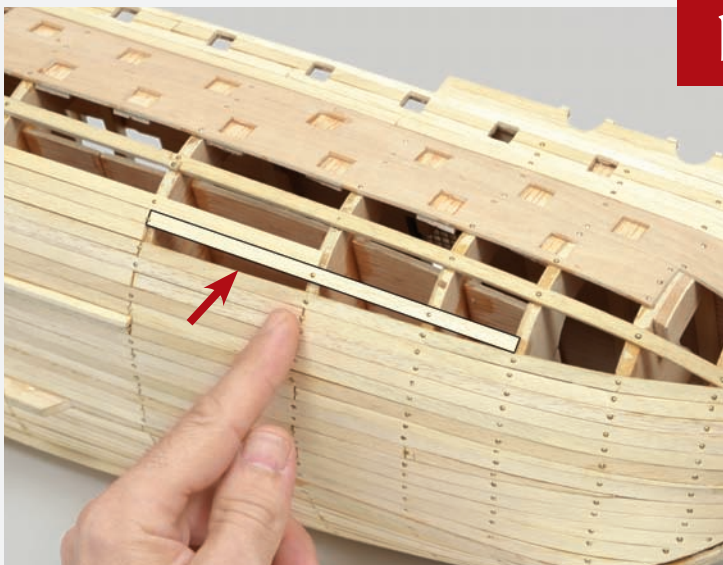
PVA wood glue
Sandpaper
Pin pusher/nails
Knife

Drill/0.75mm bit
Wire cutters
Brushes
Black paint



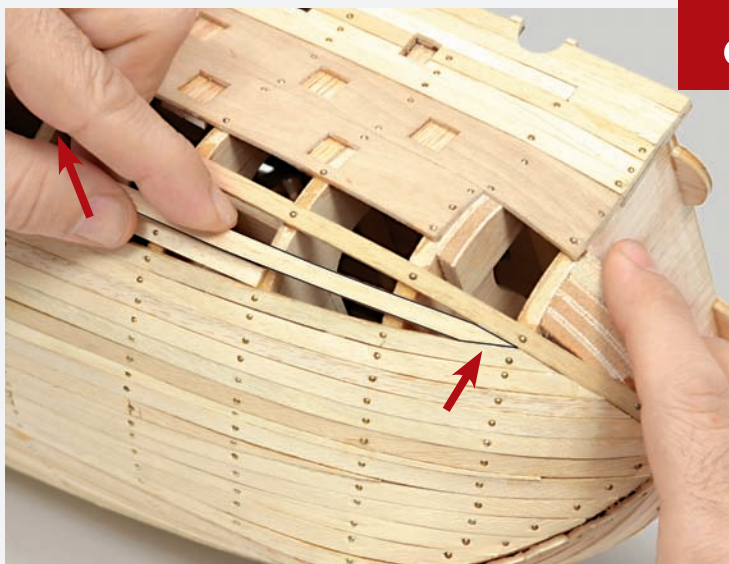
a

Continue to plank the hull. Glue and nail a plank to fit from Frame 5 to Frame 8.



b

Place another plank below the last one, from Frame 6 to Frame 3, creating a wedge-shaped gap.



c

Shape a plank to fit in the gap at the bow, as shown, ending at Frame 5.



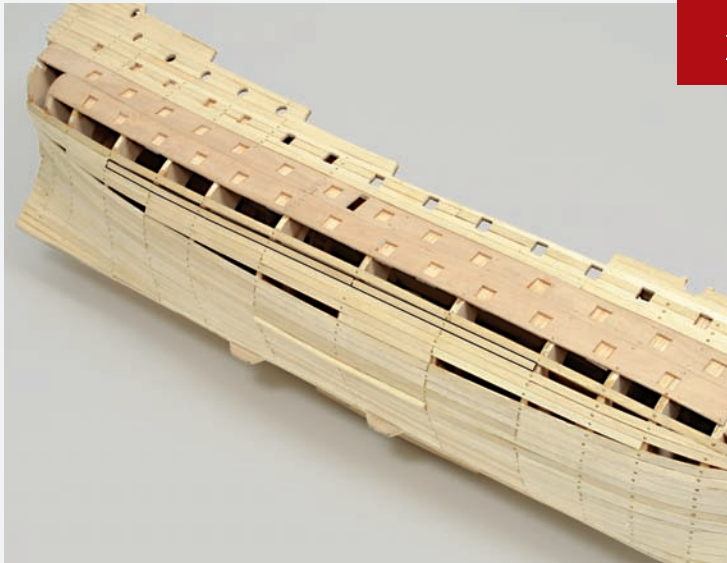
d

Glue and nail another plank to the hull, running from Frame 6 to Frame 10.



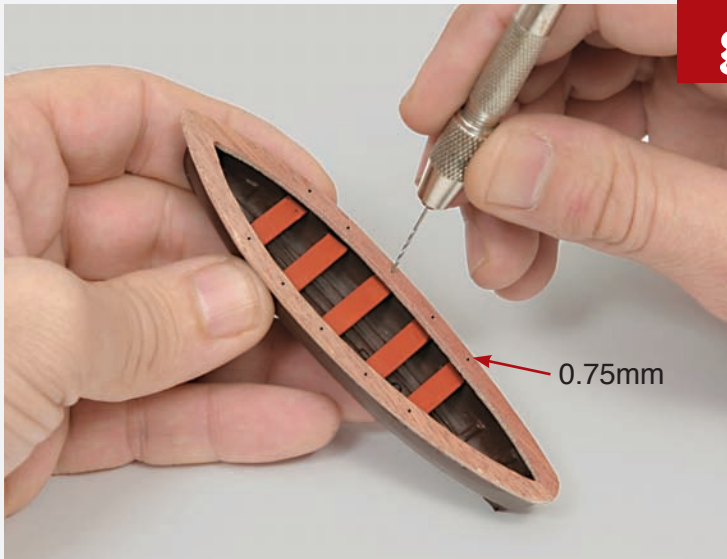
e

Shape a plank to fit from Frame 6 to the bow.



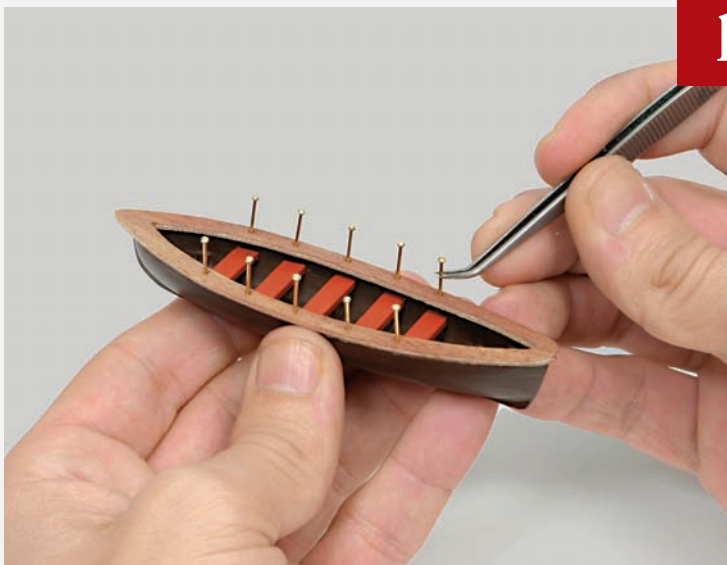
f

Glue another two planks in succession, the first running from Frame 11 to Frame 7 and the second from Frame 7 to Frame 5. Repeat these steps for the other side of the hull.



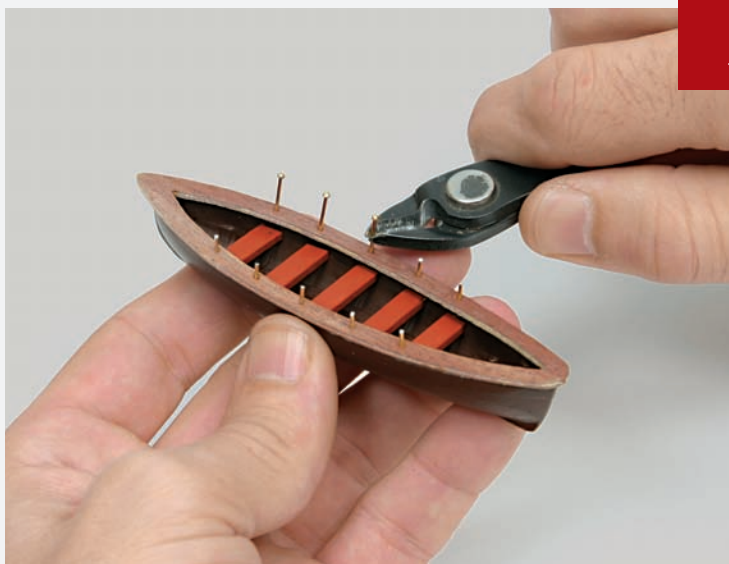
g

Take the boat assembly and drill holes through the centre of the bulwark, in line with the middle of each wooden strip. Use a 0.75mm drill bit.



h

Glue nails into the holes, keeping them vertical while the glue sets.



i

Cut the tops off the nails, approximately 4mm from the base to leave the shanks projecting as rowlocks.



j

Finally, paint the remaining parts of the nails black.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.



Your parts

Second ship's boat
Boat's gunwale
Wooden strip 2 x 5 x 150mm

Tools and equipment

PVA wood glue	Hand drill
Sandpaper	0.75mm drill bit
Knife	Wire cutters
Brushes	Tweezers
Brown, black and red paint	Pin pusher/nails



a

Take the boat casting and smooth the hull. Paint inside and outside the hull with brown paint.



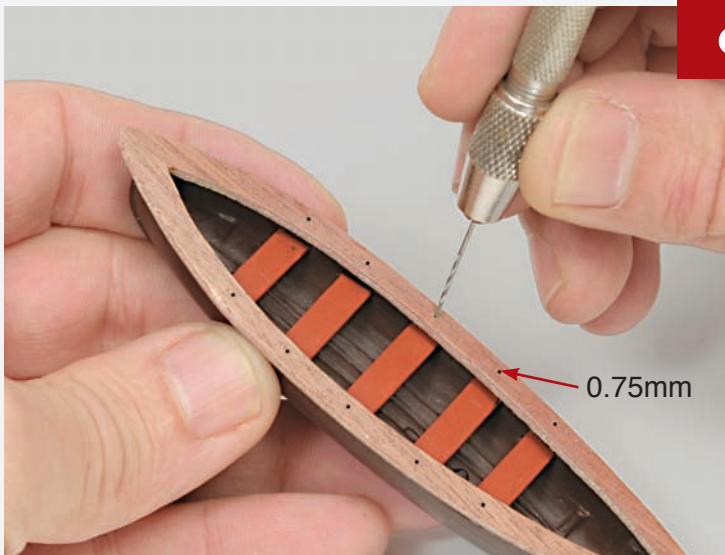
b

Cut the wooden strip into five lengths and glue them into place inside the boat. Paint the lengths of wooden strip red.



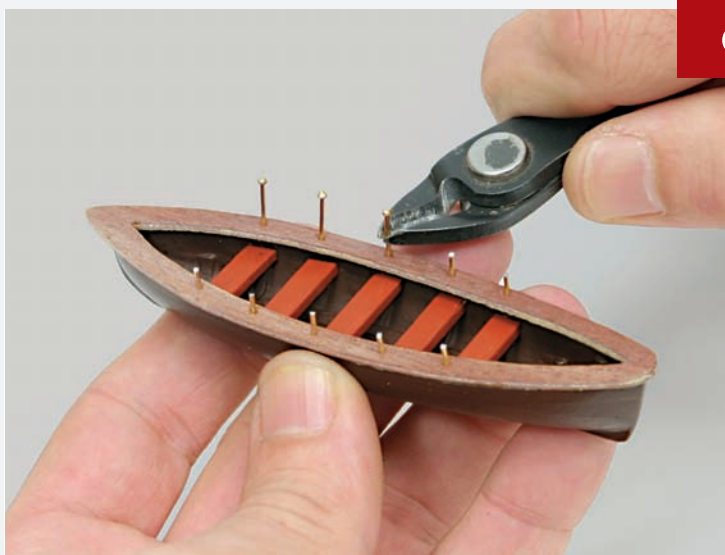
c

Carefully separate the gunwale from the sheet and glue it into place on top of the hull.



d

When the glue has set, drill holes in the centre of the bulwark, in line with the middle of each wooden strip, using a 0.75mm drill bit.



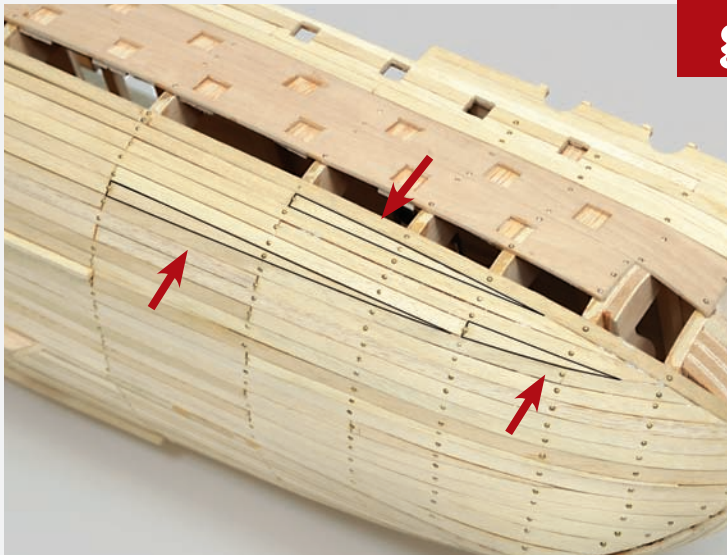
e

Glue nails into the holes, keeping them vertical while drying. Cut the tops of the nails off approximately 4mm from the base.



f

Finally, paint the remaining parts of the nails black.



g

Use the technique from pages 145 and 146 to fill the gaps in the planking at the bow.



h

Shape a plank to fit from the bow to Frame 5. Glue and nail it into place.



i

Fit two planks running from Frame 5 to Frame 8 and then from Frame 8 to Frame 13.



j

Fill in the space between the planks and the bulwarks, as shown. Don't worry about any gaps at this point. Repeat the planking on the other side of the hull up to this point.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.