



Your parts

Stern reinforcement
Bulkheads
The poop deck
Bulkhead planks
Planks



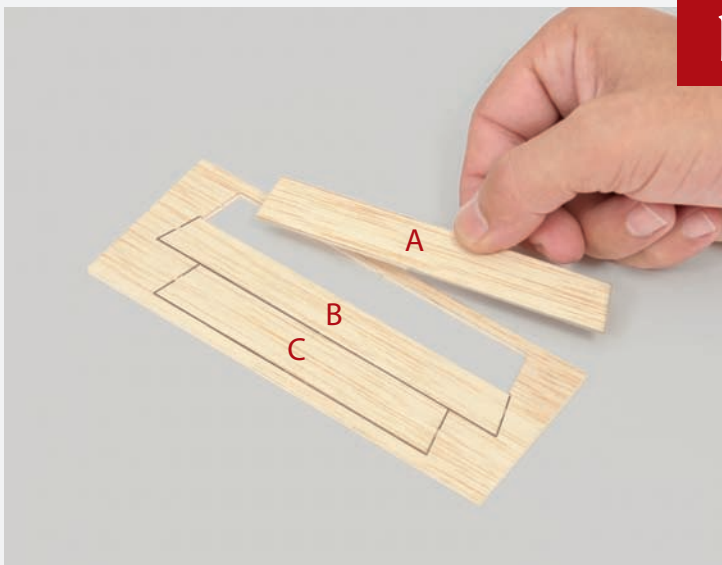
Tools and equipment

Knife
Pencil
PVA wood glue
Sandpaper
File



a

Using left-over 5 x 5mm wooden strips, measure and cut beams for Frames 12 and 13.



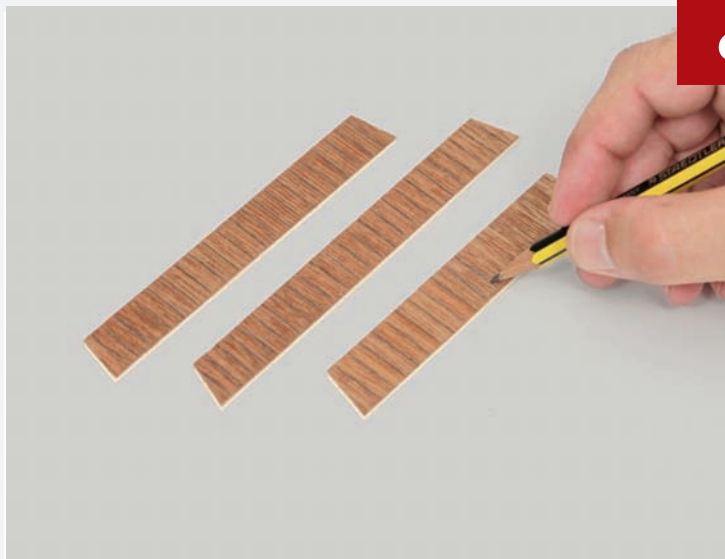
b

To identify the bulkheads, mark them with letters A, B and C before removing them.



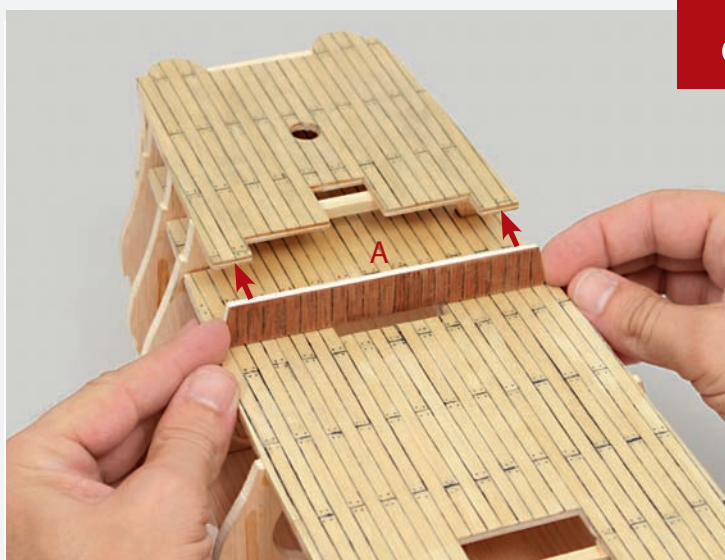
c

Cut the planks into short lengths and glue them onto the bulkheads.



d

Cut off the overlapping bulkhead planking and mark the joints with a pencil.



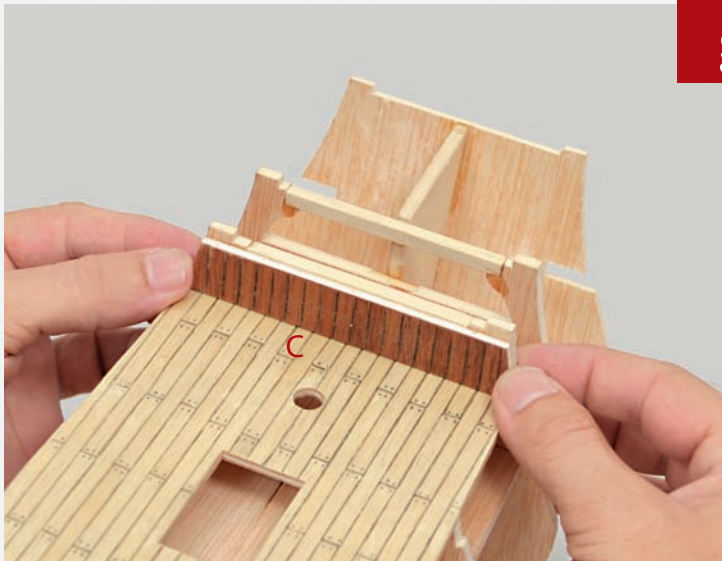
e

Test-fit bulkhead A below the forecastle deck, aligning it with the outer edge of Frame 4. Trim with a file if necessary to ease the fit, then glue into place.



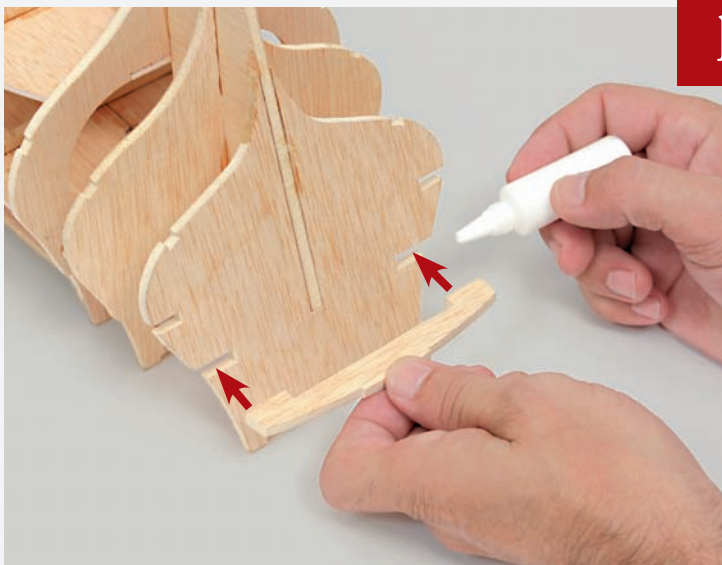
f

Glue bulkhead B into place under the stern deck, resting up against the bow side of Frame 9.



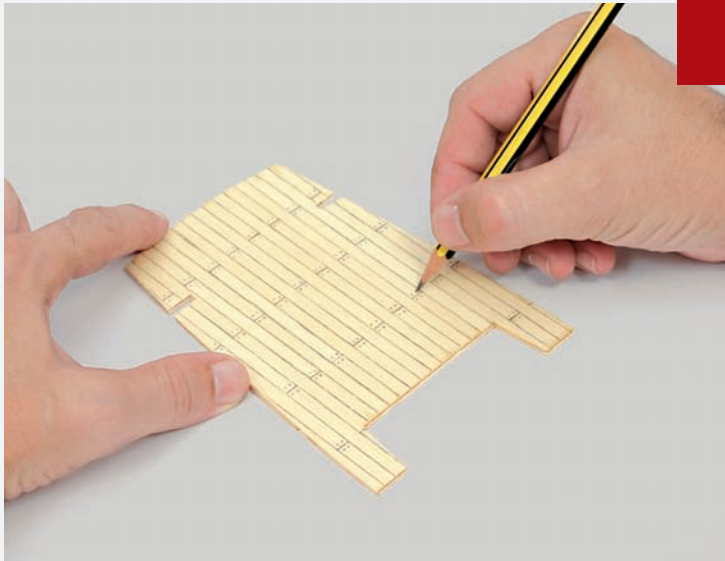
g

Glue bulkhead C up against Frame 12, making sure that the top of the bulkhead doesn't extend above the beam.



h

Apply glue to the stern reinforcement and place it in the slots of Frame 14, as shown in the photo.



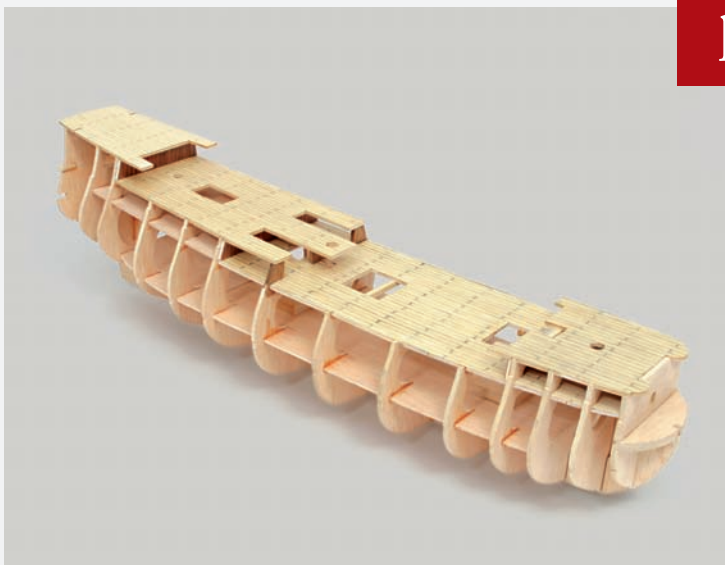
i

Prepare the planks as before and glue them onto the poop deck. When dry, cut off any planking that extends past the edge of the deck. Then mark points to imitate the nails.



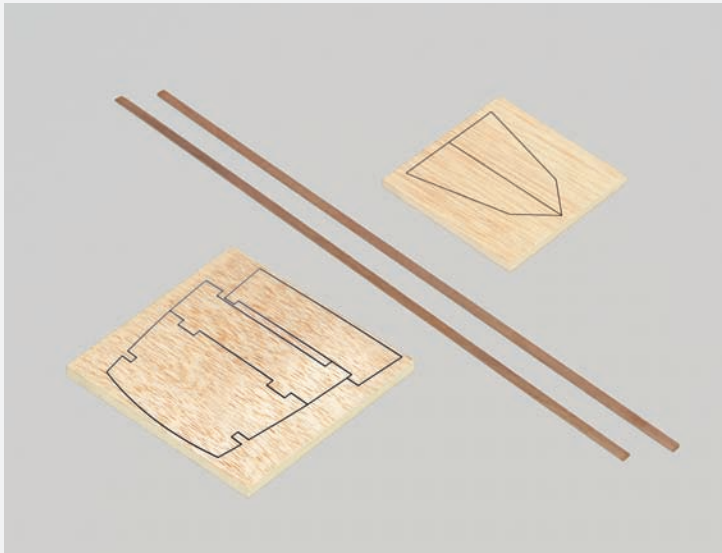
j

Once complete, glue the poop deck in place, resting on top of Frames 12-14.



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

False keel reinforcement x 2
Taffrail x 3
2 wooden strips 2 x 4mm, 300mm long

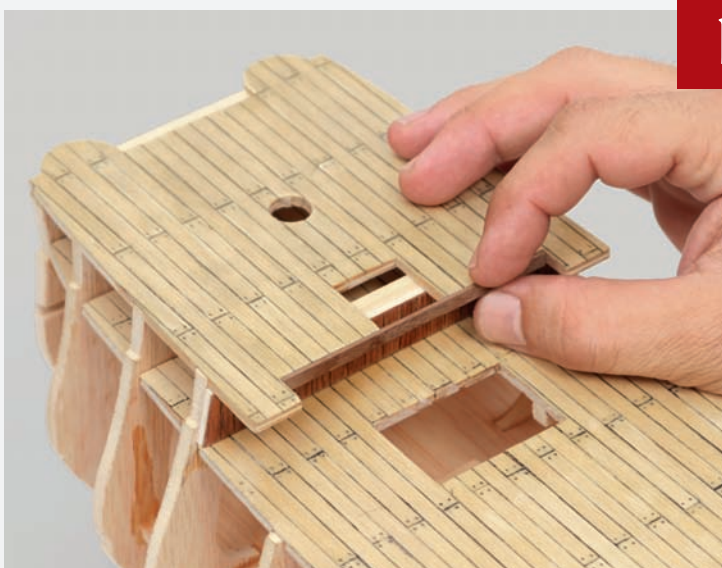
Tools and equipment

Knife
Pencil
PVA wood glue
Sandpaper



a

Glue the two false keel reinforcements in place, in between Frames 13 and 14, as shown, either side of the keel.



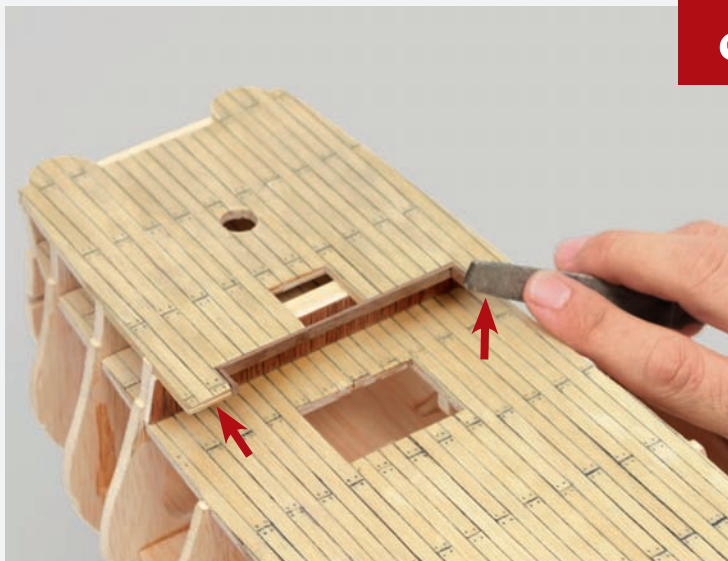
b

Cut a length of the wooden strip to fit the position shown in the photo. Glue it into place.



c

Cut two lengths of the strip to fit the position shown in the photo. Glue them into place.



d

Once the lengths from the previous step are dry, file or sand smooth the points highlighted in the photo.



e

Cut two more lengths of the strip and glue them to the points highlighted in the previous step, as shown in the photo.



f

Check that the strips are flush with the planks of the forecastle deck, and file if necessary.



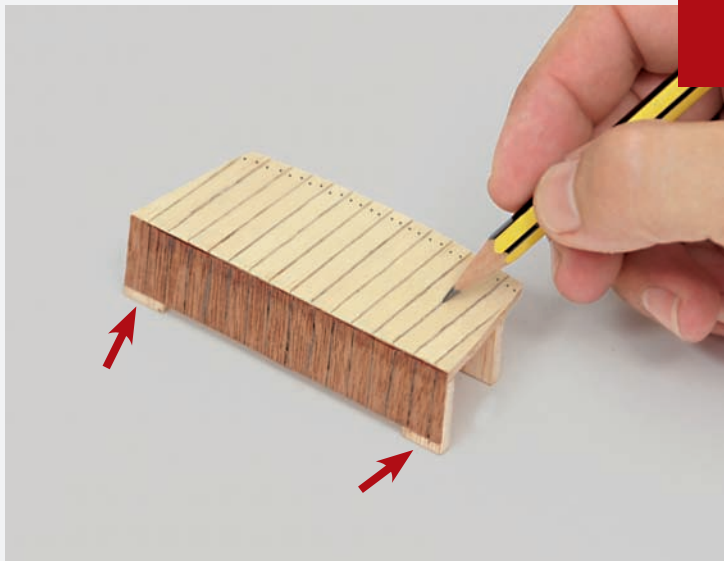
g

Now, using Steps b-f as a guide, cut and glue lengths of the wooden strip to fit the poop deck as shown.



h

Assemble the taffrail, as shown in the photo.



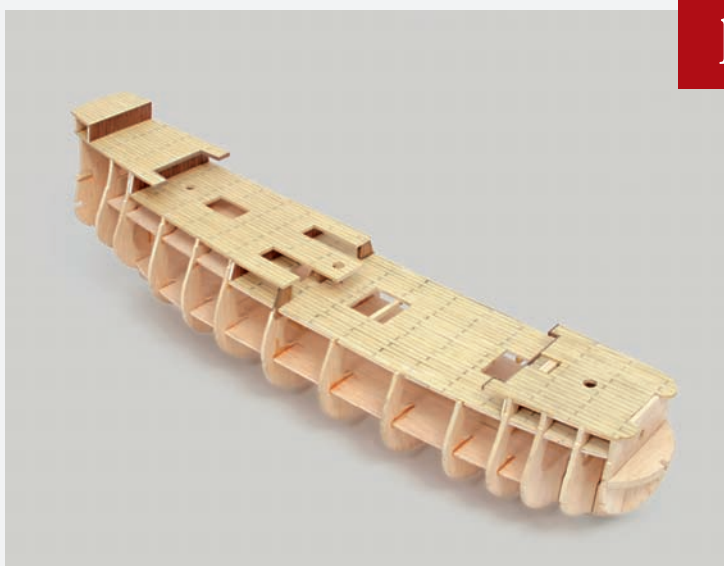
i

Once the taffrail assembly has dried, use remaining planks to cover the assembly, as shown. When dry, cut off any planks extending past the wood, ensuring that the two projections highlighted aren't covered, and mark the imitation nails. Mark points aft on the planks of the taffrail.



j

Once completed, glue the taffrail in place on the poop deck.



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

Bowsprit deck reinforcements x 6
Bow and stern reinforcements x 4



Tools and equipment

Knife
Pencil
PVA wood glue

Sandpaper
Scissors



a

Glue the six bow reinforcements in place under the bowsprit deck, three on each side of the keel.



b

Glue the two bow frame reinforcements in place on Frame 2, under the main deck, one on each side.



c

Glue the stern reinforcements on the back of Frame 13, lining up the grooves, one on either side of the keel.



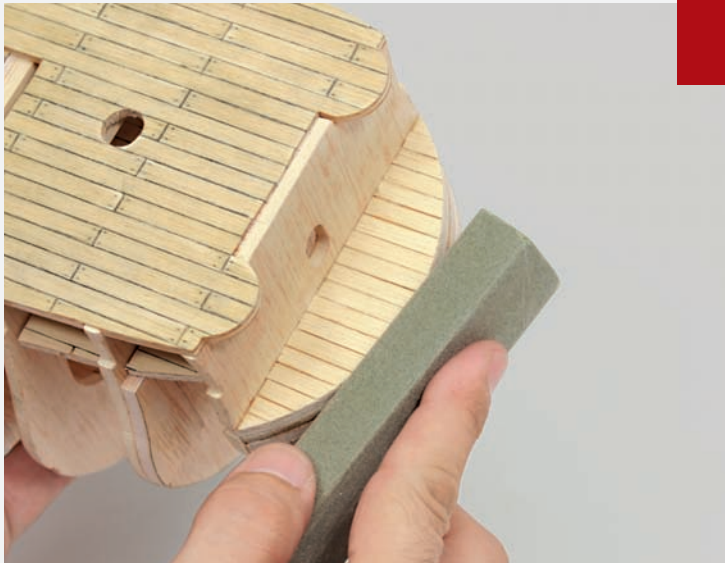
d

Cover the bowsprit deck using any spare planks.



e

Once the planks are dry, cut off the parts that extend past the edge of the bowsprit deck.



f

Smooth any rough edges off the planks.



g

Mark the edges of the planks, as shown. There is no need to simulate the nails.



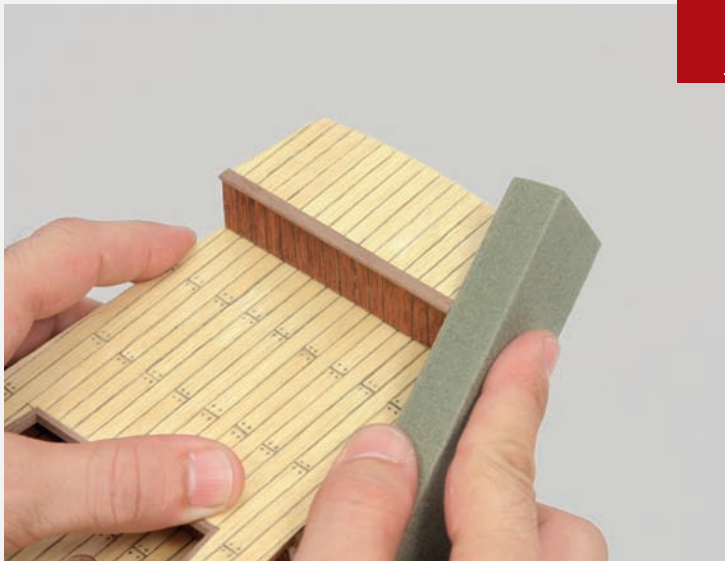
h

Using a knife, remove the strip of plank that covers the notch in the bowsprit deck, as shown in the photo.



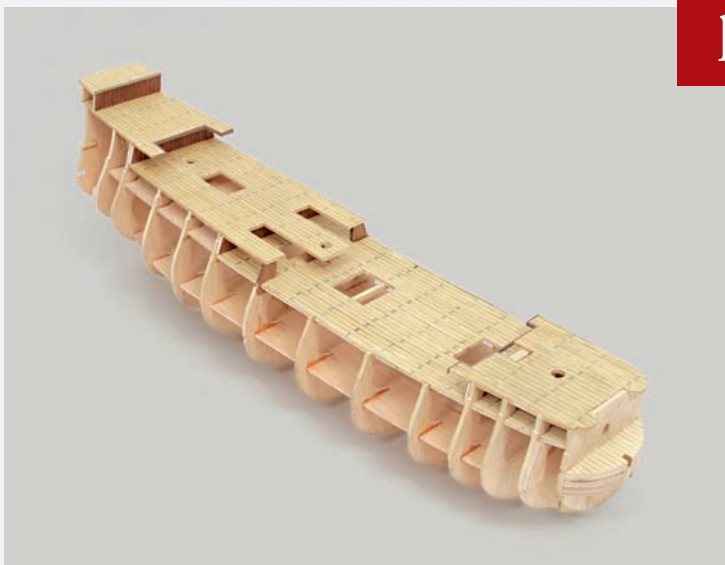
i

Cut a piece of wooden strip to fit on the front of the deck of the taffrail. Glue it in place, resting 2mm over the front edge.



j

Sand the ends of the strip until it is aligned with the edge of the taffrail.



k

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



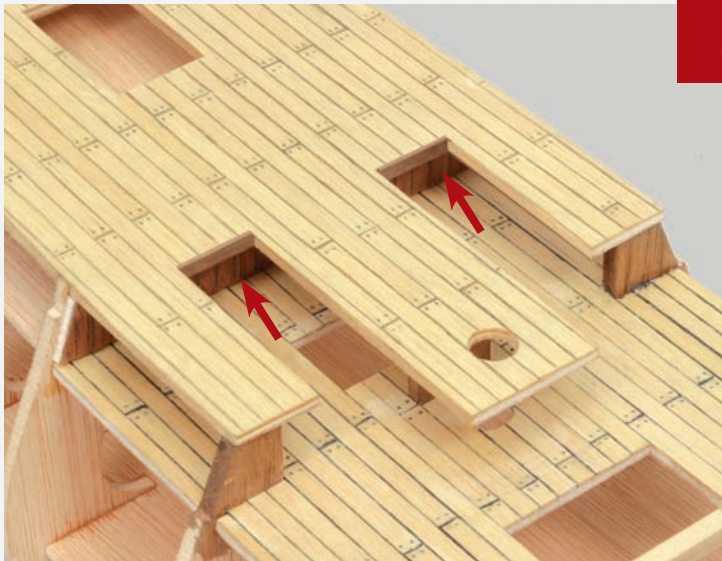
Your parts

Pin pusher
Nails

Tools and equipment

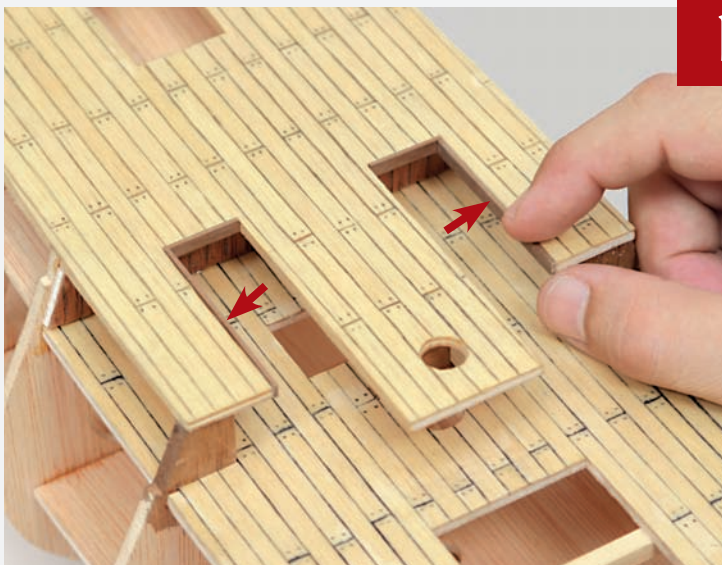
Knife
Pencil
PVA wood glue

File
Sandpaper



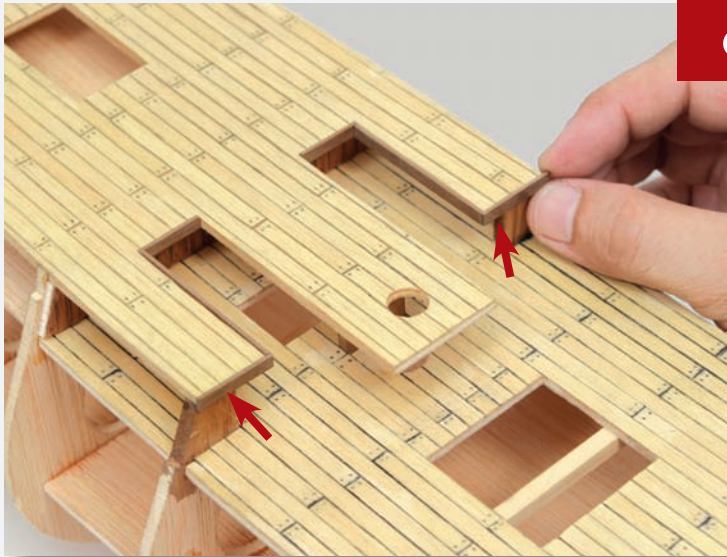
a

Cut two lengths of wooden strip to fit the recesses in the quarter deck that are highlighted in the photo. Glue into place.



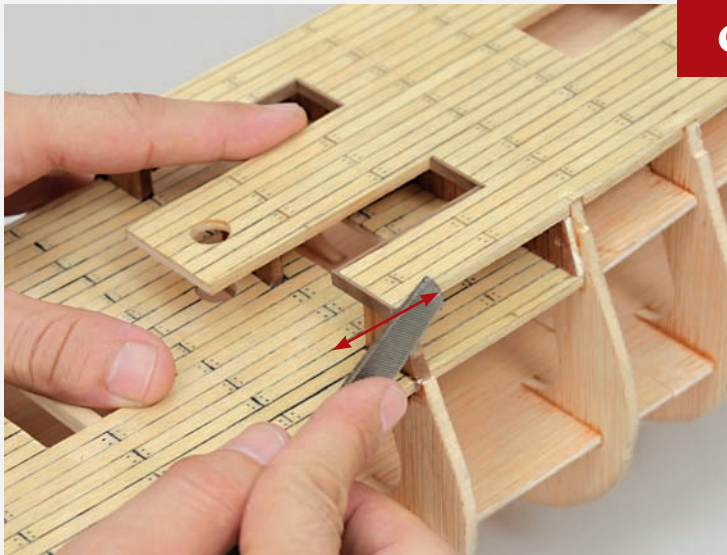
b

Cut and glue another two lengths to fit the highlighted points.



c

File the edges highlighted in the photograph, then cut another two lengths of the wooden strip and glue into place, as shown.



d

Once the wooden strips from the last step are dry, file along the outer edges so that the strips and the deck are flush.



e

When using the pin pusher, always make sure that you insert the nail head first.



f

To test the pin pusher, load it with a nail, place the point against the centre of one of the frames and push forward.



g

The more you push, the more the nail enters. Remove the nail afterwards, so that it does not obstruct any future work.



h

These are the tools you will need when shaping the hull frames:

Sanding blocks (short and long)
Half-round files (short and long)

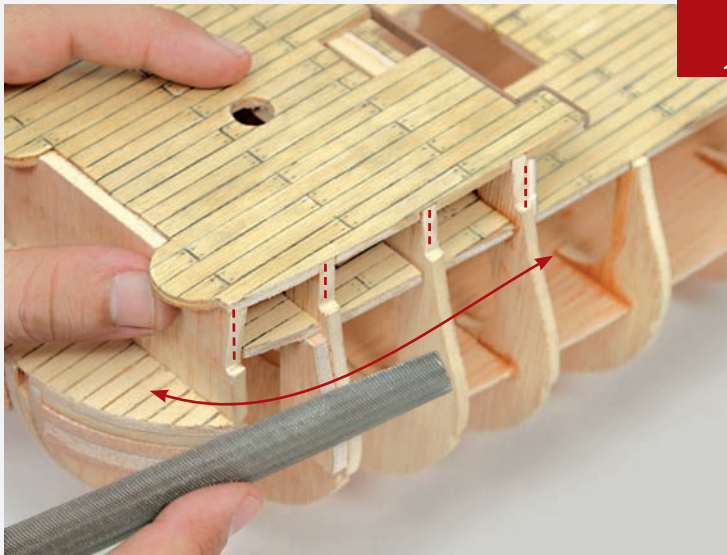
SAN FELIPE: Step by Step

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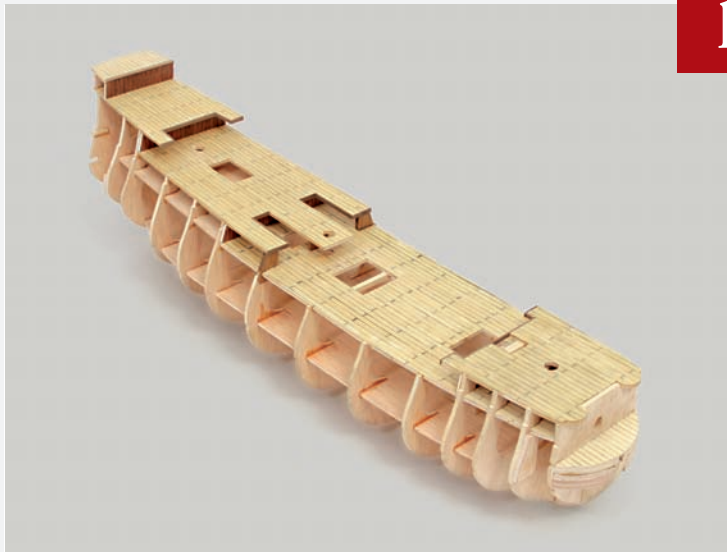
i

Begin shaping the hull frames, above the ledges on Frames 1-4, so that they are in line with the forecastle.



j

Also shape the edges of Frames 1-4, so that they curve smoothly round to the bowsprit deck.



k

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