



Your parts

Chainwales
Wooden strip 2 x 7 x 300mm
Wooden strip 2 x 2 x 300mm



Tools and equipment

Superglue
Knife
Sandpaper



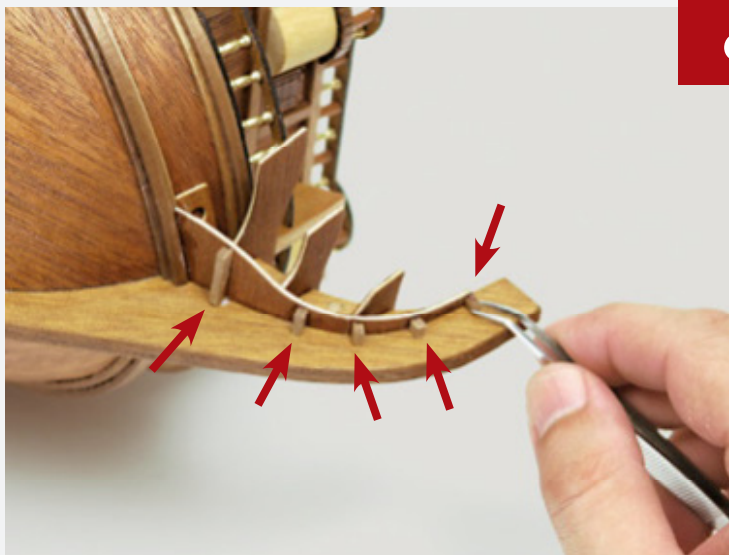
a

Remove two of the larger frames from the sheet previously supplied, as shown.



b

Glue the wider end of one of the frames above the middle wooden strip at the bow and along the bottoms of the beakhead bulkheads.



c

Cut lengths of 2 x 3mm wooden strip to fit at the points shown in the photo.



d

Using a knife, make sure that the underside of the wooden strip is flat, as shown.



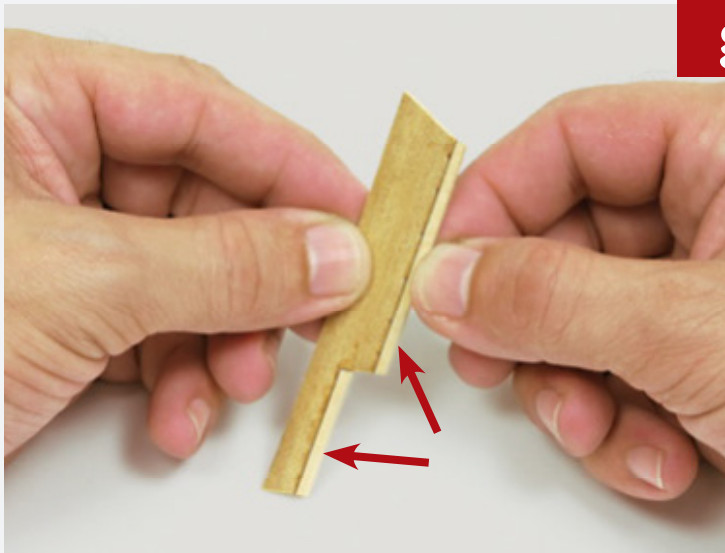
e

Glue the wide end of the other frame to the underside of the wooden strip.



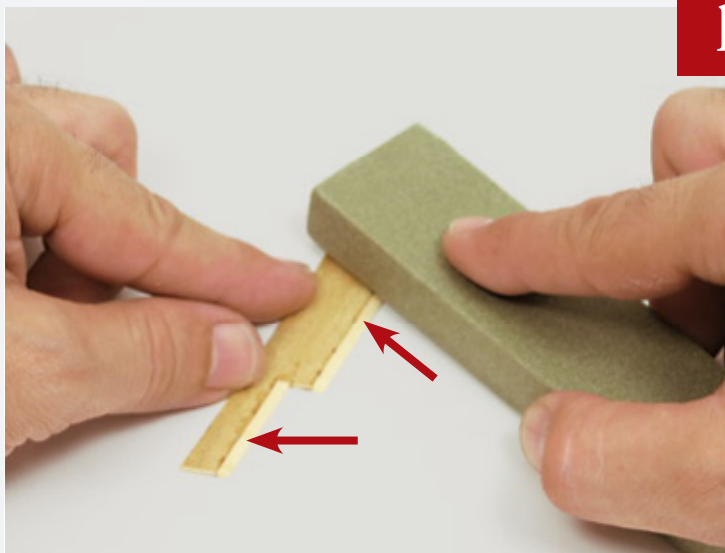
f

Glue the frame to each of the wooden strips from Step c, so it is in line with the other wooden strip. Repeat Steps a-f for the other side of the beak.



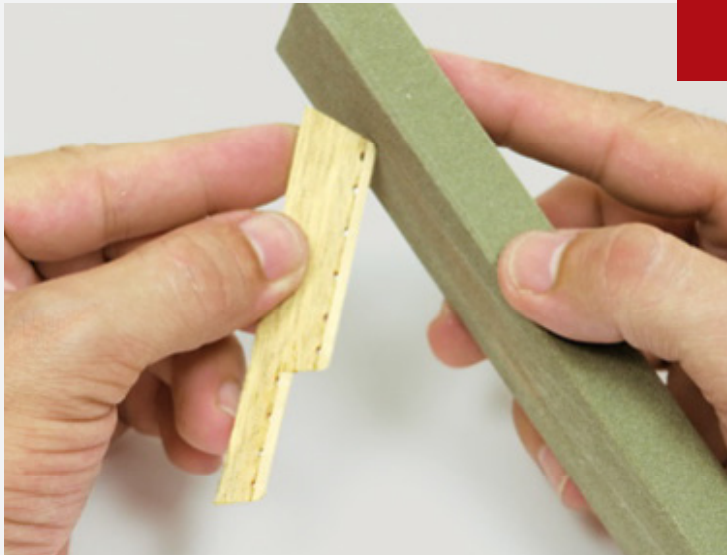
g

Remove all the chainwales from the sheet and smooth with sandpaper. Then cut two lengths of the 2 x 2mm wooden strip to fit the two edges shown in the photo. Glue into place.



h

When the glue has dried, sand over the chainwales and the wooden strips so that they are the same width.



i

Continue to sand the chainwales, rounding the corners of the wooden strips slightly.



j

Repeat Steps g-i for the remaining chainwales, then, when they are complete, stain them. The chainwales will be fitted at a later stage. To identify them, position as shown. Those on the left in the photo will be alongside the foremast, those in the middle alongside the mainmast and on the right next to the mizzenmast.



k

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

SAN FELIPE: Step by Step

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Your parts

Double columns
Wooden strips 4 x 4 x 300mm
Columns



Tools and equipment

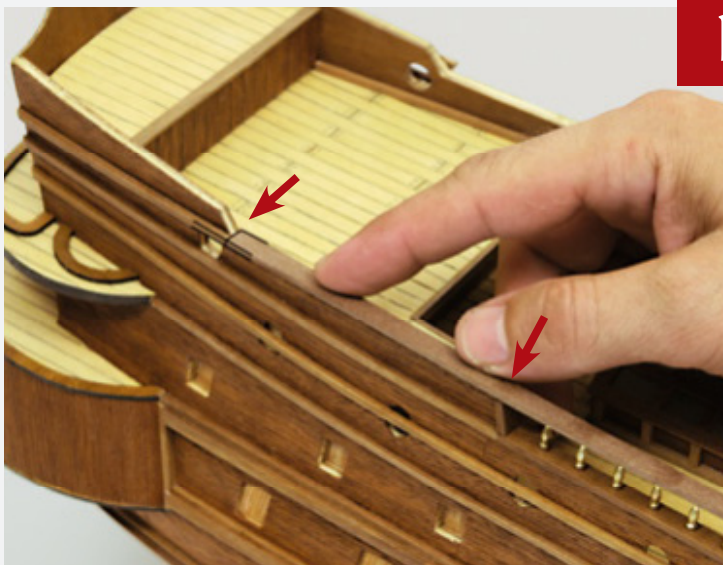
Knife
Superglue
Ruler

Drill/bit
Tweezers
Pencil



a

Cut a piece of 2 x 7mm wooden strip to fit at the point arrowed, and glue into place. Then measure ten points from the wooden strip, 10mm apart. Drill a shallow hole at each point and then glue in a column into each one.

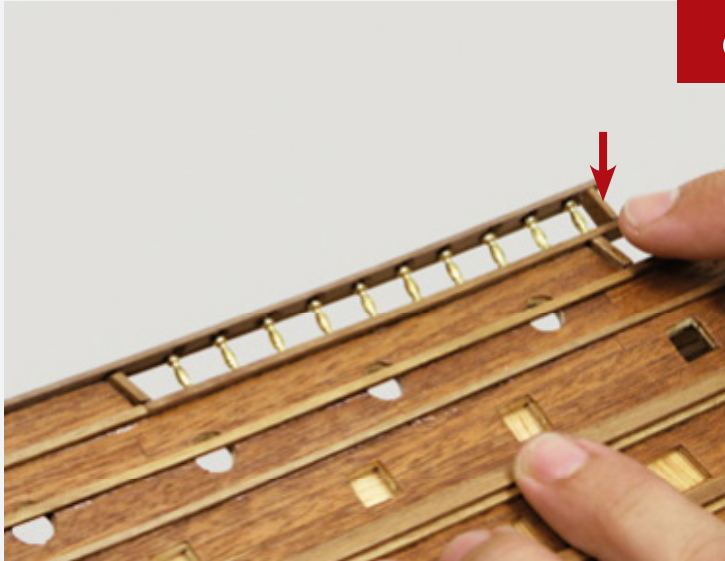


b

Cut a 195mm length of 2 x 7mm wooden strip. Glue it into place on top of the bulwark and the wooden strip and the columns that you fitted in the previous step.



c



Cut a length of 2 x 7mm wooden strip to fit at the point arrowed, between the two longer strips. Repeat Steps a-c for the other side of the hull.

d



Cut two small pieces of 2 x 7mm wooden strip to fit vertically, then cut two longer pieces to fit horizontally, finishing at the stern.

e

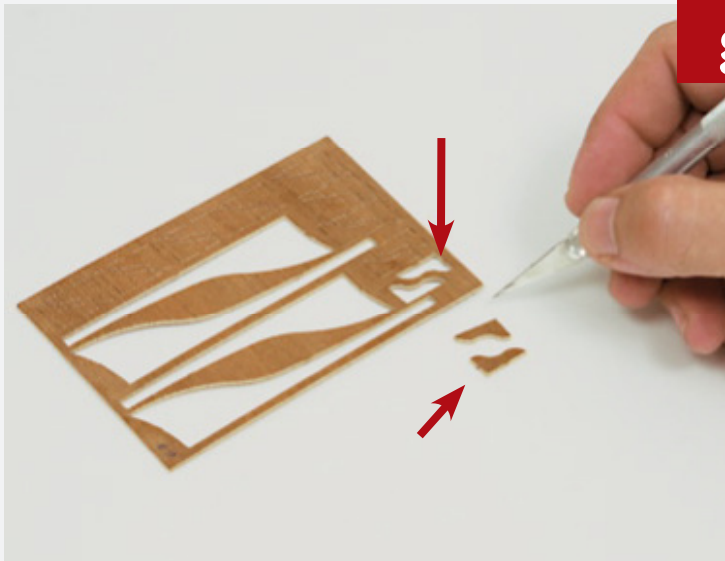


Hold one of the gun port rings over the first circular gun port from the bow. Mark either side of the ring on the wooden strip behind it. Then cut away the wooden strip between the two lines.



f

Repeat the process in the last step for the rest of the circular gun ports, on both sides of the ship.



g

Remove the small support frames from the sheet. Sand to remove any roughness.



h

Locate the wooden strip between the two gun ports, highlighted by the arrows. Glue two of the support frames underneath the strip, one at each end. Then, using the photo as a guide for the placement, glue the mizzen chainwale to the undersides of the frames.

SAN FELIPE: Step by Step

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i

Hold the main chainwale as shown in the photograph, above the middle strip of wood. Glue the first support in place, aligned with the gun port below the wale. Glue another three supports aft of the first, with roughly the same distance between them. Repeat on the other side of the hull.



j

Now position the fore chainwale, resting above the middle strip of wood and with the front aligned with the first gun port, as shown, and glue into place. Then glue three supports to the wale and the hull, each one placed a little aft of a main deck gun port.



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

Doors
Bell
Columns
Belfry base



Tools and equipment

Tweezers
Superglue
Knife
Ruler
Sandpaper



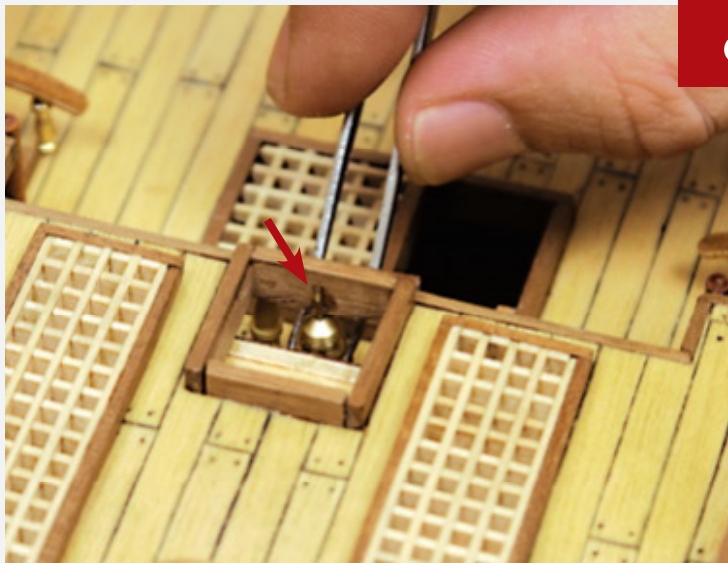
a

Glue the belfry base to the main deck below the hatch of the foredeck, as indicated by the arrow. Then glue two double columns in front of the base, so only half of each one is visible from above, as shown.



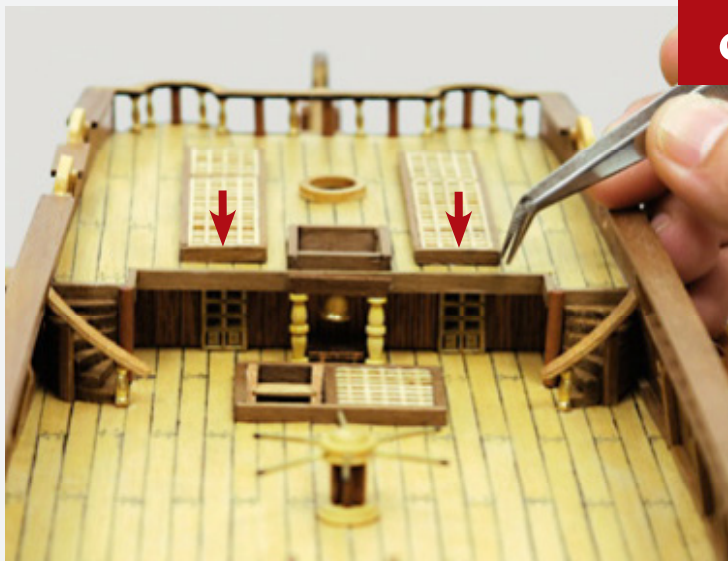
b

Cut a length of 2 x 4mm wooden strip to fit across the tops of the double columns, as shown. Round the bottom corners slightly and then glue into place.



c

Insert a pin into the hole of the bell, pointed end upward. Then carefully glue the upper part of the pin onto the inside of the aft of the hatch frame, with the bell hanging below the hatch.



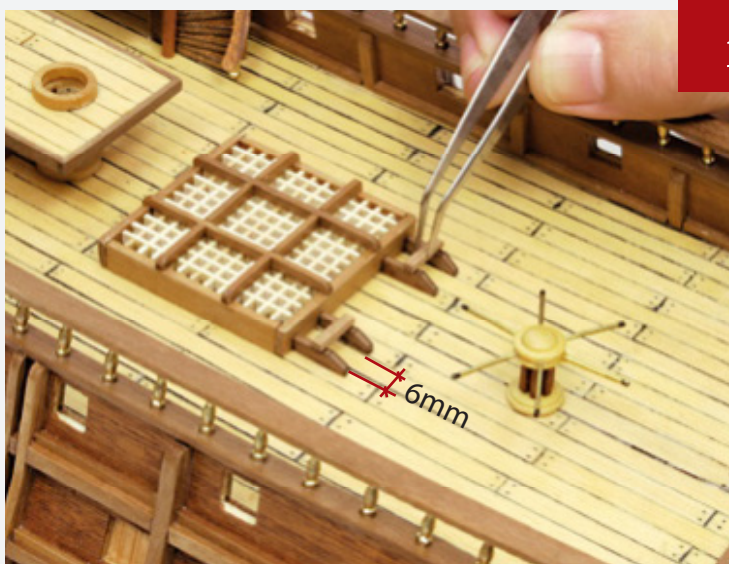
d

Glue two of the doors against the bulkhead, aligning them with the centres of the gratings above.



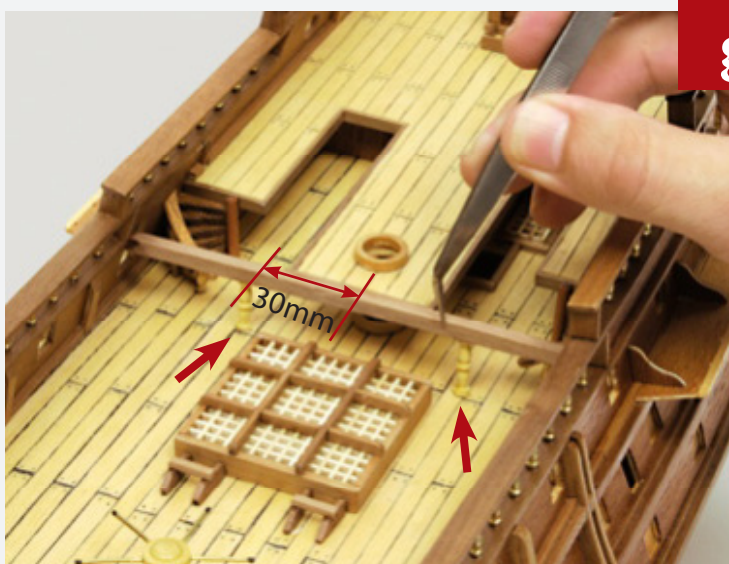
e

Glue the remaining two doors under the latrines.



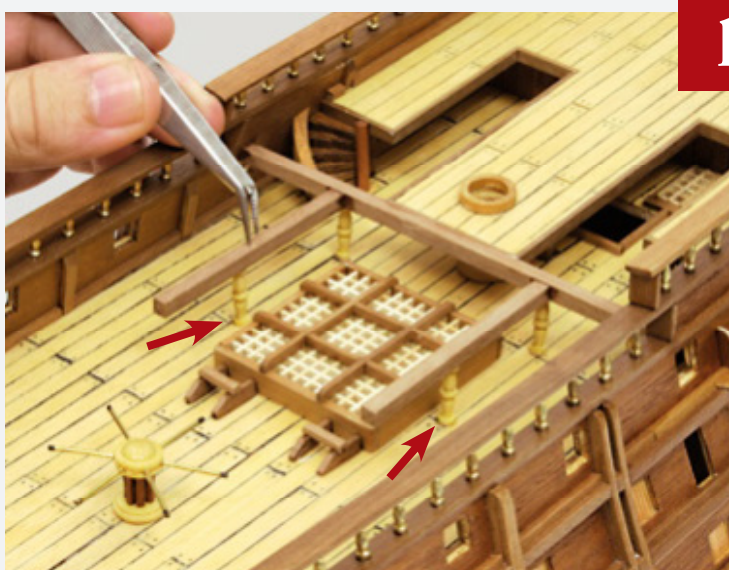
f

Cut four 12mm lengths of 2 x 4mm wooden strip and sand one corner of each to an angle. Glue in front of the hatch on the main deck with 6mm between them. Then cut two 12mm lengths of 2 x 2mm wooden strip and glue them onto the 2 x 4mm lengths, as shown.



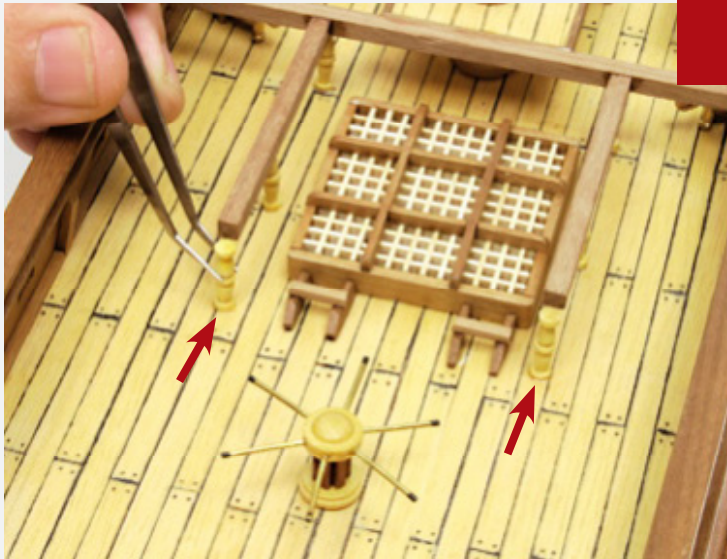
g

Glue two double columns to the main deck, each one 30mm from the centre line of the quarterdeck and positioned just in front of the deck. Then cut a length of 4 x 4mm wooden strip to fit on top of the columns, against the edge of the quarterdeck.



h

Cut two 60mm lengths of 4 x 4mm wooden strip. Glue two more double columns in place on the main deck as shown, in line with the two from the last step. Then glue the two 60mm lengths of wood onto these columns.



i

Glue two more double columns to the main deck as shown, in front of the 4 x 4mm lengths of wood.



j

Cut another piece of the 4 x 4mm strip and glue it on top of the columns, in contact with the two lengths from Step h and the bulwarks.



k

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

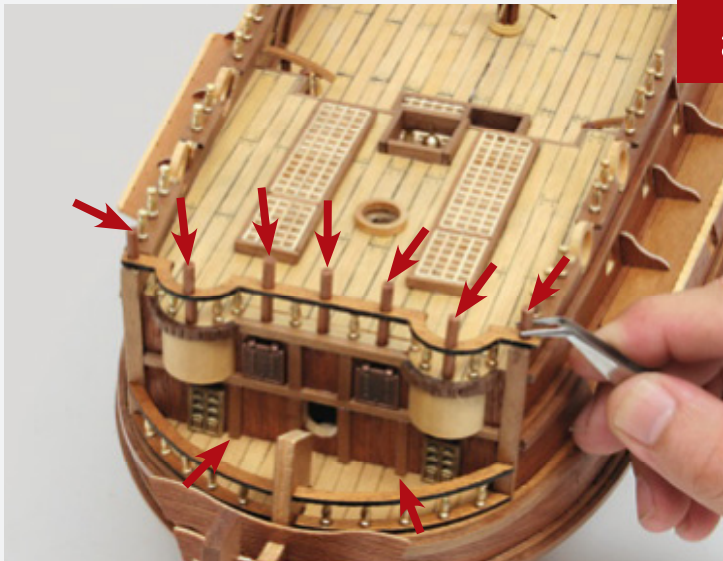


Your parts

Mahogany strip, 2 x 7 x 300mm
Mahogany strip, 2 x 4 x 300mm
Belying pins

Tools and equipment

Ruler	Brush
Knife	Tweezers
Superglue	Needle file
Black pen	Drill/bit (1.5mm)
Wood stain	



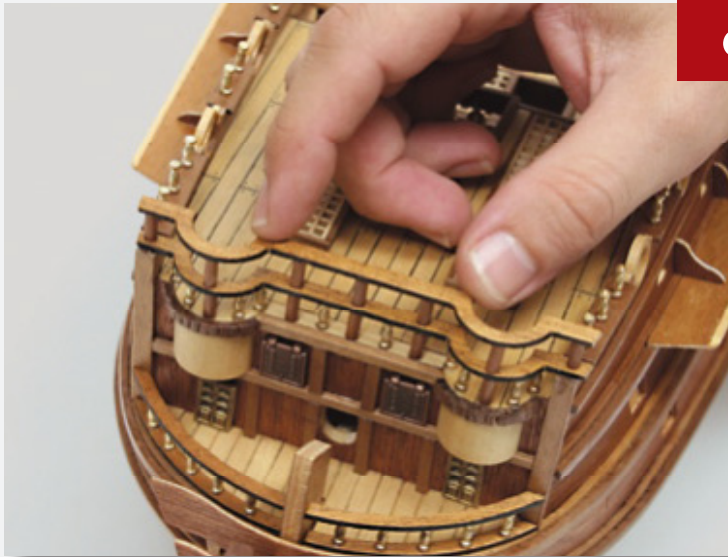
a

Cut seven pieces of 3mm dowel and glue them to the shaped strip from page 272, in line with the lengths of dowel below it. Then cut two lengths of 2 x 4mm wooden strip to fit next to the doors, as shown.



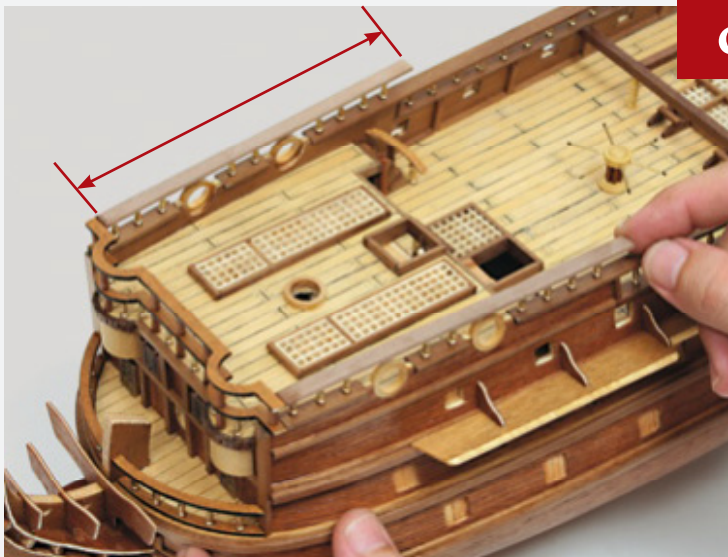
b

Glue columns into place along the rail, as shown in the photo.



c

Prepare the second shaped frame by colouring the edges black and staining as before, then glue it onto the lengths of dowel on top of the first shaped frame.



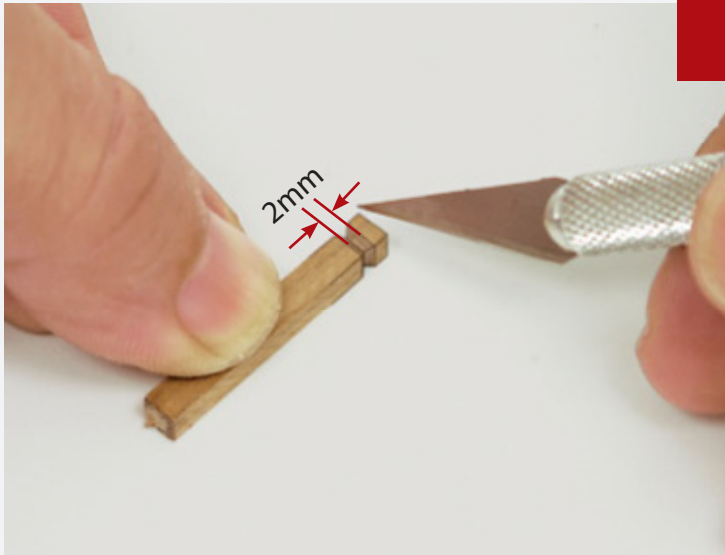
d

Cut two lengths of 2 x 7mm wooden strip to fit the length of the foredeck bulwarks, and glue them to the columns from Step b.



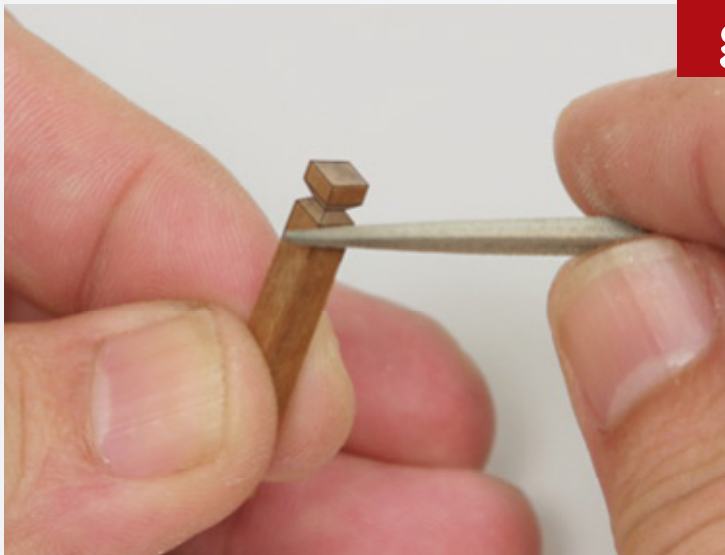
e

Cut and glue two lengths of 2 x 7mm wooden strip to fit below the strips glued in the previous step, as shown.



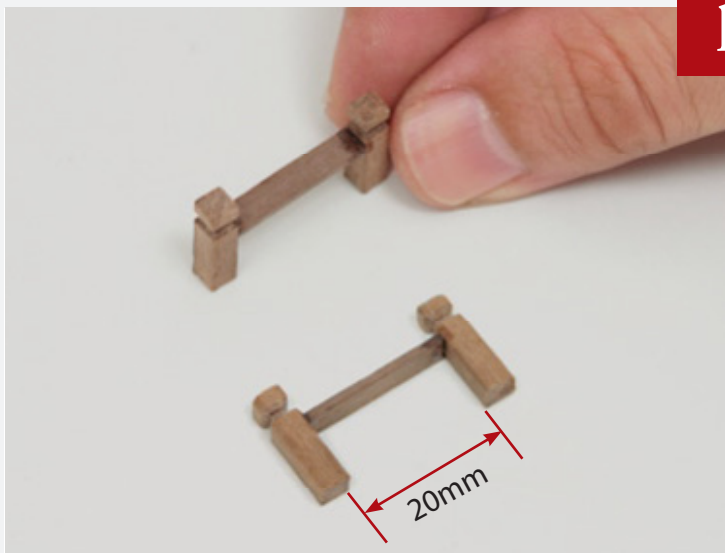
f

To make a set of pinrails, first take a length of 4 x 4mm wooden strip and mark it at 2mm and 4mm from one end. Carve the space in between the two points into a 'V' shape on all four sides.



g

Finish and smooth the groove with the corner of a file.



h

Cut the shaped strip of wood to a length of 15mm. Repeat the previous two steps so that you have four 15mm lengths. Then cut two 20mm lengths of 2 x 4mm wooden strip, and glue each one between two of the shaped lengths to create a pinrail, as shown in the photograph.



i

Glue the pinrails in place, one each side of the foremast hole. Then cut a length of 2 x 4mm wooden strip to fit on the bow side of the pinrails, and mark it where the upright parts of the rails come into contact with it. Cut a small notch at each of these points so the strip fits onto the uprights, and glue it into place.



j

Stain the pinrail assembly. Drill four 1.5mm holes into each of the horizontal parts of the pinrails, then glue a pin into each of the holes.



k

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