

M Tondini Ø mm. 3
N Tondini Ø mm. 4
P Tondini Ø mm. 5

MV 52 BOUNTY

The name of the Bounty, frigate of the British Navy, is indissolubly tied to its captain's Bligh and to vicissitudes which caused the crew to mutiny. The ship set out Spit head in December 1787, final destination Tahiti. On the return voyage, owing to the strict discipline imposed by the captain, which clashed with the idle stay in Tahiti, a certain discontent began to spread through the crew and it soon turned into a mutiny. Christian Fletcher, the boatswain, took command of the ship and forced Bligh to embark on a life-boat with 18 still faithful men. After a dangerous navigation for more than 4000 miles, Bligh reached the isle of Timor and afterwards England. The Bounty went back to Tahiti where part of the crew landed. Then it sailed for the Pitcairn Isle where Fletcher and the remaining men settled. Only 20 years later the group landed in Tahiti was captured and tried by the English Court-martial. Only three seamen were condemned, while the others were acquitted.

Tab. 1

Fig. C Prepare the cradle. Glue plate no. 21 on the support base. Adapt the 2 supports no. 19 as shown to the shape of the hull.

Fig. D Prepare the chain-wale 22-23-24 making on it the place to attach the chainplate. Prepare the life boat support 26-27 made from a 1x10 mm strip adapt it to the shape of the life boat. Prepare the bracket plate 25 by gluing 2 pieces of 1x10mm strip wood as shown. On the strip trace the shape of the bracket plate, cut the pieces and taper using sand paper.

Fig. E This table shows the exact position of the frames in reference to the keel. Here are marked the lines showing the position of the gunwale, the deck, the transom and the bulwarks.

Fig. 1 Prepare the base of the keel support using scrap pieces of wood. Apply the frames on the keel, without gluing, making sure they're in the right position. Correct defects using a file. Glue the frames on the keel checking that they are perfectly parallels to each other and perpendicular to the keel. Check that the frame 10 will respect the inclination show on fig. E.

Tab. 2

Fig. 2 Apply the prow supports 13 on both side of the keel.

Fig. 3-4 Apply the bracket 12 looking at fig. E on Tab. 1.

Fig. 5-6 Taper the bracket 12 and the frame 10 as shown.

Fig. 7 Apply the deck 15 on the hull. Check the right position of the mast on the keel, then glue it.

Fig. 8 Apply the transom 14.

Fig. 9 Taper the sides of the frames in preparation for the first planking. Check to see if the frames are tapered correctly by laying a strip in place.

Fig. 10-11 Apply the first strip of the planking on the line marked on each frame. Do this on both sides of the hull. Paint these 2 strips, to better identify them when the rest of the planking is in place.

Fig. 12-13 Proceed to cover the hull on the upper part of the strip applied earlier. Finish the prow strips long the transom side 14.

Fig. 14 Make a reference line for the bulwarks as shown.

Fig. 15 Proceed to cover the bulwarks, then finish using a file along the marked lines on the deck.

Fig. 16-17 Complete the hull covering with the first planking. To adapt the strips to the curvature of the hull soak the strips in warm water and then bend them by fixing them to board to dry overnight in the shape you want them or use a plank bender. Also cover the uncovered keel using the strips H and I.

Tab. 3

Observe carefully this table before proceed to complete the hull.

Fig. 18 Mark on the bulwarks the position for the guns ports, referring to the frames 7-8 (Fig. F Tav. 2).

Fig. 19-21 Cut off the end of the frames jutting through the deck. Finish with a file and sandpaper.

Fig. 23-26 Checking the marks on the bulwarks, make the holes for the guns ports. Finish the guns ports using a file.

Fig. 27 Apply the gunwale taking care that the first strips C results perfectly tally with the inferior line of the strips in marked in color. Apply the others strips C all the way to the bottom.

Fig. 28 Cover the entire surface of the deck using strips B. Be sure to cover the top of the first layer of hull planking as well.

Fig. 29 Cover the inside parts of the bulwarks using strips H leaving open the gun holes. Also cover the inside part of the transom.

Fig. 30 Apply now the second planking leaving open the gun holes. Looking at fig. L, cover the transom using strips H.

Fig. 31 Apply on the deck the stringer web D. Apply the handrail E, referring to the fig. H-M.

Fig. G-H-L Apply the gunwale D close to the deck side following on the bulwarks.

Fig. 32 Prepare the hawse by using pieces from the strips E. Make holes in it for the passage of the anchor hawser. Apply the hawse on the hull and drill the holes of the hawser all the way through the first planking. Apply the bracket 25 (fig. D Tab. 1) referring to the inclination on fig. H. Apply on the deck 2 pieces of strips C previously bent

Fig. 33-35 Prepare the decoration using thread Ø 1,7 mm. Cut some pieces of thread of the same size of the decoration. Put the pieces of thread in a mixture of water and glue. Give a form to these pieces, putting it on the plan of this table securing it with pins. Then leave it to dry.

Fig. 36 When dried complete the decoration of the upright 56.

Fig. N Mark the waterline on the model using the support that will keep perfectly parallel the keel to the plan of work. Use a waterline marker to create a waterline on the hull. Proceed with the model painting only when the rudder and the rudder hinge are mounted (fig. 53 Tab. 4). Before gluing the hinge cover the rudder longitudinally using strips H.

Hull painting note.

Bulwarks over the deck line: wood color.

Bulwarks between the gunwale D and the gun wale: wood color.

Sheerstrake, bulwarks: matt black.

Handrail: wood color.

Hull under the sheerstrake of the floating line: wood.

Hull under the floating line: matt white.

Inside bulwarks and transom: wood color.

Tab. 4

Look this table before proceeding to complete the accessories. Each figure shows the preparation of each accessory with form and size. Prepare those apart, checking the right position on the plans in scale 1:1 (fig. M-R). The pieces are the pump composed of 2 pieces, the central body and the 2 side support with the stud and the handle made from the brass thread of Ø 1 mm.

Painting note.

Rudder support: matt black.

Helm: matt black.

Life boat: matt white.

Vertical Capstan: matt black/head: matt red.

Pump: matt black.

Transom: plate Bounty in matt black.

Side windows: bottom gold/windows: blue.

Figure-head: dress cobalt-blue /blonde hair.

Fig. 58 Wrap some thread on the anchor stud as show in the figure.

Tab. 5

plans. Proceed mounting each mast (main
the application of the blocks and of the
and the bowsprit as shown.
will be obtained from the rod of Ø 3mm.

of the figure.

scale 1:1 will be made from the dowel.

- 36 Topsail fore ri.-le.
- 37 Top-gallant fore ri.-le.
- 38 Spritsail ri.-le.

Brackets plates of:

- 39 Mizzen-Topmast ri.-le.
- 40 Main ri.-le.
- 41 Top ri.-le.
- 42 Main top-gallant ri.-le.
- 43 Fore ri.-le.
- 44 Topsail fore ri.-le.
- 45 Top-gallant fore ri.-le.
- 46 Spritsail ri.-le.
- 47 Main ri.-le.
- 48 Top ri.-le.

Winch sheet of:

- 49 Mizzen-Topmast ri.-le.
- 50 Main ri.-le.
- 51 Top ri.-le.
- 52 Top-gallant Main ri.-le.
- 53 Spritsail ri.-le.
- 54 Top-gallant fore ri.-le.

Halyard of:

- 55 Flag -
- 56 Flag -
- 57 Flag -

Bounty parts list.

- A Keel Th.mm.4
- 1-10 Frames Th.mm.4
- 11 Rudder Th.mm.4
- 12 Stern bracket Th.mm.4
- 13 Prow support Th.mm.4
- 14 Transom Th.mm.1,5
- 15 Deck Th.mm.1,5
- 16 Main tops Th.mm.1,5
- 17 Fore tops Th.mm.1,5
- 18 Mizzen tops Th.mm.1,5
- 19 Hull support