

Instructions for Assembly of the Royal Danish Yacht  
"DANNEBROG"

The name "Dannebrog" is the name of the Danish flag just as the "Union Jack" is the name of the flag of the United Kingdom.

The Hull.

Following the drawing marked E place the frames 0-10 on the keel. These must be perpendicular to the keel. If the notches are too small, file them down very carefully to fit. Fit the pieces No. 11 down in the notches from frames 2 to 9. Fit piece No. 12 down in the notches of frames 0-2, and piece No. 13 in frames 9 to 10. Glue all around the notches and when the glue is dry, you can begin planking.

Planking the hull:

The planking consists of small pieces of wood. Do not attempt to plank one side of the hull first before starting the other side. If you do, the model will not dry straight, and this would be difficult, if not impossible, to correct. It is preferable to plank the hull by placing a strip on one side followed by the comparable strip on the other side. Dip the strips in warm water before glueing and tacking them in place. Use the white glue which sticks on damp surfaces. Start planking from the keel up, and when you have placed four pieces on each side, affix a curved strip No.52A between frame 1 and frame 8. Attach one more straight strip followed by a curved piece No. 52A. Now complete the planking up to the deck using the straight strips. Note that the planking goes up only to frame 10 and should be cut off even with the stern edge of that frame. Place the two stern blocks behind frame 10 and sand them in the shape of the hull. Over the stern blocks place the shape pieces No. 49 which should be sanded diagonally sternwise on the inner side. When these are glued, sand the hull the first time.

Deck:

Carve out and attach the after-deck No. 16. Before doing this it is a good idea to place this deck over the frames and make sure that the notches drawn on the deck fit over the frame-legs. One may cut the frame legs off at the deck height, but if this is done the railing must be supported with an extra piece of wood. Place grating No. 17 and carve out and attach cabin pieces No. 30, 31, 32, 33, 34, 35 and 36. Before attaching the main deck No. 15, lacquer and paint the after deck as this is difficult to do if left until later. If one prefers not to paint at this early point one can cut deck No. 15 into two sections which would also be necessary if the model is to be equipped with a motor. This would allow the whole upper part, including cabins and life boats, to be removed. (See drawing AA). If this latter method is to be followed it is recommended that you place a supporting strip diagonally over the deck to bear the weight of the forepart of the deck. Before glueing the main deck No. 15 in place cut out the space for the fore-cabin. This is assembled from pieces No. 19, 20, 21, 22 and roof No. 18. Bore the holes for the port holes. Assemble the bridge using pieces No. 23, 24, 25, 26, 27 and roof No. 28. Make the

railing from pieces No. 42. Sand block No. 41 and attach upper piece. Cut out for ladders. The lower part of this can be made in the block, but the upper part which goes into the fore-cabin must be made of the strip No. 51. Assemble the stern-cabin of pieces No. 37, 38, 39, 40 and roof No. 46. Place the small block No. 47 with roof No. 47 in front of the stern cabin. Sky-light, piece No. 43 and pieces 44 and 45 are placed on their respective blocks and attached in the proper places (see drawing).

Painting the hull:

Sand the hull carefully. Paint once with base coat and when this is dry use wood filler to even all small blemishes. Sand again and give it one coat of oil-base paint. Sand again. If the hull is not perfectly smooth repeat the process. Before giving the hull the last coat of paint attach the bilge strips No. 60 to the bottom of the hull. Now paint with white enamel from the water line to the top edge, and with green from the water line down. Do not forget to paint the rudder at the same time. Mark the water line all the way around and use masking tape to protect against the colours overlapping. For a truly sharp line, do not remove the masking tape until the paint is completely dry. Lacquer the decks with clear lacquer. Paint the cabins yellow, the doors brown and the port-holes bronze. Now bore the holes for the port-holes in the hull.

Carve the rowboats from the blocks No. 53, 54, 55. The drawing shows them from the top, sides and front. Place the ornamental pieces fore and after and paint two Danish flags (red and white) as shown on the drawing. Sand and assemble the masts No. 56 as shown on the drawing. Paint the mast yellow to the point, where the lowest stay is attached to the mast and black from there to the top. There are only signal-yards on the foremast. Place a small wind-vane on top of the mast. Fashion this from a small piece of wood and paint this and the point on the bowsprit gold. Rig the vessel with thread No. 63 as shown in drawing. Attach a strip 2x2 mm, the length of the hull at the level of the railing. Paint this strip gold. Fashion the standards in the stern and those near the bridge of bronze-thread No. 62 and affix between railing and deck. Paint the row-boats white and the deck of the motorboat brown. Affix the stanchions on the bridge and along the main deck. Over these place railing edge No. 51 (same stripping used for ladder). As few own a lathe which make it possible to make the railing posts (stanchions) with holes, one can use the thin metal wire supplied with the set. Be careful to cut the wire pieces for the posts exactly the same length (15 mm). Use thin copperwire for the railing itself and as there are no holes through which to thread the wire, you will have to twist the railing wire around each post. Finished brass stanchions can be bought separately to this model.

Following the plans affix the fittings made of wood by you or of metal from the fittings set. Paint the ventilators yellow outside and red inside. Paint the spotlights black, the anchor windlaas, anchors, chain and the salute cannon grey. Paint the funnel yellow and the ornaments gold bronze. Paint the star-board lights green and port-side lights red.

Contents of "DANNEBROG" Kit

Quantity	Description	No.
1	Keel	
14	Frames	0-10
2	Centre pieces	11
1	Centre piece	12
1	Centre piece	13
1	Rudder	14
1	Maindeck, printed	15, 16, 17, 18, 21, 23, 46 & 47
1	Veneer, printed	19, 20, 22, 24, 25, 26, 28, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 42, 43, 44 & 45
1	Block for cabin under funnel	41
1	Block for sky-light	43
1	" " cabin	47
2	" " sky-light	44
1	" " " "	45
2	Stern blocks	48
2	Rails (stern)	49
3	Berth pieces	50
5	Strips for ladders and railing	51 (3x2x500 mm)
30	Planking strips	52
4	"	52 A
2	Blocks for life boats	53
2	" " " "	54
2	" " " "	55
5	Masts and bowsprit	56
1	Block for companion-way-roof	57
2	Hatches	58
1	Strip for bilge keel 2x4x500 mm	60
4	Ornaments	61
14	Metal wires for standards 1.5x13 mm.	62
1	Roll rigging thread	63
1	Bottle of glue	
1	Roll of copper wire	
4	Metal wires for railing supports 1x250 mm	
50	Portholes	66
80	Small portholes	67
1	Instructions for assembly	
1	Drawing	