Pack 04 | Build Instructions

Your 1:200 scale model of the legendary battleship Bismarck is packed with intricate details which precisely replicate every aspect of this state-of-the-art warship. Each piece has been created using premium quality materials to bring maximum enjoyment during your complete build.

In your fourth model pack, you will assemble:

STAGE 33: MOTOR FOR THE FORWARD RADAR EQUIPMENT
STAGE 34: RADAR CONTROL CENTRE
STAGE 35: A KEEL SECTION AND A DISPLAY STAND
STAGE 36: MOTOR FOR THE FORETOP RADAR INSTALLATION
STAGE 37: THE FORETOP RADAR AND A PORT HULL SECTION

STAGE 38: THE FORETOP RADAR AND A STARBOARD HULL SECTION
STAGE 39: THE NEXT HULL SECTION
STAGE 40: FIRE CONTROL POST DETAILS AND SEARCHLIGHT DECK
STAGE 41: THE NEXT SECTION OF HULL
STAGE 42: THE SIXTH KEEL SECTION
STAGE 43: ADMIRAL’S BRIDGE
STAGE 44: THE UPPER MAST DECK
Advice from the experts

Spare screws are included with each part. Occasionally, you may be instructed to keep spare or unused screws for a later stage. Keep these spares in a safe place and label them correctly.

Please make sure you don’t mix up the screws. They look quite similar, but the threads do vary slightly. Using the wrong screws may damage the parts.

When securing parts together using multiple screws, fit each screw loosely to ensure all the parts are correctly aligned before gently tightening them firmly, but not overtight, in the order in which you placed them.

Your screwdriver can be magnetised by stroking it with a magnet (fridge magnet, etc.) enabling it to hold the screws and make assembly easier.

If a screw is tight going into a metal part, do not force it as you may shear the head off. Remove it and put a tiny smear of Vaseline, soap or light oil on the thread. That will lubricate it and make it easier to drive home.

During the course of this build, you will receive many pieces that you will assemble immediately – following the instructions in the corresponding stage – and other pieces that you should store safely to one side, for use in future assembly stages.
STAGE 33
MOTOR FOR THE FORWARD RADAR EQUIPMENT

COMPONENTS CHECKLIST
33-01: Motor for the forward radar
33-02: Cable label
PB: Three 1.7 x 6 mm PB screws

01. PREPARING THE RADAR MOTOR

Take the motor with attached cable 33-01. Remove the cable label 33-02 from the backing and wrap it around the cable, next to the socket, as shown.

Completed work
A label has been fitted to the cable on the radar motor. Store the three PB screws carefully until they are needed in stage 34.
STAGE 34
RADAR CONTROL CENTRE

COMPONENTS CHECKLIST

34-01: Control centre
34-02: Radar unit
34-03: Base of radar unit
34-04: Mounting plate
34-05: Small parts (J1–J5)
34-06: Small parts (K1–K2)
34-07: Small parts (L)
34-08: Small parts (M1–M3)
34-09: Cog
34-10: Cog
34-11: Cog
34-12: Shaft (x2)
34-13: Small metal parts
34-14: Radar antenna
PB: Eight 2 x 5 mm PB screws
PB: Two 1.7 x 4 mm PB screws

01. SMALL PARTS FOR THE CONTROL CENTRE AND RADAR

Remove the six lockers K2 from frame 34-06. Take the control centre 34-01 and use a little superglue to fix three lockers K2 on the port side as shown.

Fix the remaining three lockers K2 on the starboard side of the control centre 34-01.
**02. GEARBOX FOR THE RADAR**

**01**
Position the control centre upside down on your work surface. Identify the cog **34-09**. You will also need a shaft **34-12**.

**02**
Fit the shaft of cog **34-09** into the larger hole in the control centre **34-01**. Fit the shaft **34-12** into the centre of the cog.

**03**
Fit the cog **34-10** and the second shaft **34-12** in the next hole in the control centre. The smaller rim of teeth on cog **34-10** engages with the teeth of **34-09**. Next, you will need cog **34-11**.

**04**
Fit the cog **34-11** on the first shaft **34-12**: its teeth engage with the larger rim of teeth on part **34-10**. Next, you will need the mounting plate **34-04** and three PB 2 x 5 mm screws.

Cut the two radar arms **K1** from the frame **34-06**. Glue the first arm **K1** to the radar unit **34-02**, ensuring that it is pointing in the right direction (see step 4).

Fit the second radar arm **K1** in place on the other side of the radar unit **34-02**, ensuring it is pointing in the right direction, as indicated by the arrow.
Fit the mounting plate 34-04 onto the bottom of the control centre and fix in place with the three PB 2 x 5 mm screws. The cogs are held in place by the mounting plate.

Insert the shaft of the motor 33-01 into the centre of cog 34-11 (not shown) and fix the motor to the mounting plate 34-04 with two PB 1.7 x 6 mm screws (supplied with stage 33).

Place the base of the radar 34-03 on your worktop. Remove part 1 from the metal plate 34-13 using tweezers or side cutters.

Turn over the base of the radar unit 34-03. Apply a little superglue to the two pins on the metal part 1 and insert them into the holes in the side of the radar unit, indicated by the arrows.

Cut parts 2 and 3 from the metal frame 34-13. Use a little glue to fix part 2 to the back of the radar unit 34-02, so that the three pins fit into the holes.

The metal part 3 is glued to the front of the radar unit 34-02. Again, the three pins fit into holes in the radar unit.
Identify the two ladders 4 and cut them from part 34-13. Glue the first ladder 4 on the starboard side of the control centre 34-01.

Cut the two ladders 5 from part 34-13. Glue the first ladder 5 to the back port side of the superstructure (part 29-01, behind the rangefinder).

Glue the second ladder 4 in place on the port side of the control centre 34-01.

Glue the second ladder 5 to the starboard side of the superstructure, behind the rangefinder.

Check the fit of the radar antenna 34-14 on the front of the radar unit 34-02. It should protrude clearly above the top of 34-02. Fix in place with a little superglue.

Attach the base of the radar unit 34-03 to the roof of the control centre using a PB (1.7 x 4 mm) screw.
Taking care that the parts do not fly off, cut part J1 and three parts J2 from the frame 34-05. Glue them to the top of the control centre 34-01.

Cut four parts J3 and one part J4 from the frame. Glue them around the edge of the control centre 34-01 as shown.

Cut part J5 from the frame and glue it in place on the roof of the radar unit as shown.

Check the fit of the radar unit 34-02 to the base of the radar unit 34-03 and check that the screw fitted earlier (see page 7 step 2) is fully tightened. Glue the radar unit in place.

Completed work
The radar control centre and turntable have been assembled and fitted with accessories. The engine and gearbox for the radar were fitted and two ladders were attached to the front superstructure. Frames 34-07 and 34-08 and two PB 2 x 5 mm screws will be used in the next stage.
STAGE 35
A KEEL SECTION AND A DISPLAY STAND

COMPONENTS CHECKLIST

35-01: Fifth keel section
35-02: Connecting piece
35-03: Left display stand support
35-04: Right display stand support
35-05: Base of display stand

PM: Five 2 x 4 mm PM screws

01. DETAILS FOR THE FORWARD SUPERSTRUCTURE

Place the forward superstructure assembly on your worktop. You will need the two plastic frames supplied with the previous stage: frame 34-07 has four identical parts L, and frame 34-08 has two parts M1, four parts M2 and one part M3.
Fit first two parts L from the frame 34-07 on each side of the lower mast deck, as shown. Fix in place with a little superglue.

Fit the two remaining parts L in the forward corners of the bridge deck and glue in place.

Cut the first storage box M1 from frame 34-08. Check the fit on the starboard side of the lower mast deck, near part L. Make sure that the box does not cover the hole on the deck (circled). Glue in place.

Cut the second storage box M1 from frame 34-08 and fit it in place on the other side of the lower mast deck, near the oval opening. Make sure you have the box the right way round: in this photo, the pegs on the base are located on the left, as indicated by the arrow.

The four storage units M2 are fitted in pairs behind the large opening. Take care not to remove the locating pegs when cutting from the frame. Make sure that they are vertically aligned and glue in place.

Glue part M-3 in place next to box M-1 on the lower mast deck.
02. ASSEMBLING THE SUPERSTRUCTURE ELEMENTS

01. Take the control centre assembly from the previous stage and check the fit in the recess on the lower mast deck as shown.

02. When fitting the control centre, take care not to damage the parts that are already in place. Press down gently on the assembly so that it fits snugly, with no gaps. This is a very tight push-fit.

03. Place the superstructure deck on your worktop. Fit the bridge deck assembly so that all cables run down into the large recess of the superstructure deck, as indicated by the arrow.

04. Carefully turn the assembly over, taking care not to damage any parts. Fix the superstructure decks together using four PB 2 x 5 mm screws (supplied with the previous stage).

05. Remove the railing 6 from the metal frame 32-07. Glue it in place on the port side of the superstructure, to form a railing for platform C1 (fitted in stage 23).

06. Similarly, glue railing 7 to platform C3 on the other side of the superstructure deck.
03. FITTING THE NEXT KEEL SECTION

Fit the connecting piece 35-02 over the two raised sockets on the keel section 27-01, as indicated. Have two PM 2 x 4 mm screws ready.

Fix part 35-02 to the keel assembly using two PM 2 x 4 mm screws as shown.

Position the keel section 35-01 so that the raised screw sockets fit into the sockets in the connecting piece 35-02 as shown.

Fix the keel section in place with two PM 2 x 4 mm screws.

Place the parts of the display stand, 35-05, 35-03 and 35-04 on your worktop. Fit the pegs on the right support 35-04 into the corresponding holes in the base 35-05, as shown.

This photo shows the first part of the display stand in place.
Next, fit the pegs on the other bracket 35-03 into the corresponding holes in the base 35-05, as shown.

Fit the display stand 35-05 under the hull of your model and push it aft as far as possible.

Note: When positioning the display stand, make sure that the ‘front’ sides of the two brackets are facing the bow.

Completed work
The hull has been extended and now rests safely on three display stands. Three elements of the front superstructure have been fitted together to make a large assembly.
STAGE 36
MOTOR FOR THE FORETOP RADAR INSTALLATION

COMPONENTS CHECKLIST
36-01: Motor for the radar installation
36-02: Cable label
PB: Three 1.7 x 6 mm PB screws

01. PREPARING THE RADAR MOTOR

Take the motor with attached cable 36-01. Remove the cable label 36-02 from the backing and wrap it around the cable, next to the socket, as shown.

Completed work
A label has been fitted to the cable on the second radar motor. Store this and the three PB screws until they are needed in the next stage.
STAGE 37
THE FORETOP RADAR AND A PORT HULL SECTION

COMPONENTS CHECKLIST

**37-01:** Lower port hull section  
**37-02:** Radar unit  
**37-03:** Base of radar unit  
**37-04:** Foretop command post  
**37-05:** Base plate  
**37-06:** Foretop command post attachment  
**37-07:** Deck  
**37-08:** Cog  
**37-09:** Cog  
**37-10:** Cog  
**37-11:** Two shafts

PM: Four 2 x 4 mm PM screws  
PB: Four 2 x 5 mm PB screws  
PB: Two 1.7 x 4 mm PB screws

01. FITTING THE NEXT HULL SECTION

Take the hull assembly from stage 35. Fit the pegs on the lower port hull section **37-01** into the raised sockets in the hull sections **28-01** and **35-01**.

Fix the hull section **37-01** in place with three PM 2 x 4 mm screws.
Put the foretop command post attachment 37-04 on your work surface. Take the deck 37-07 and check the fit on the top of part 37-04. Apply superglue to the underside of the deck 37-07.

Turn part 37-04 over. Take the cog 37-08 and one of the shafts 37-11. Fit the shaft into the cog 37-08 then pass the cog through the hole in part 37-04.

Identify the fixing point (circled) for the next cog 37-09 and shaft 37-11.

Fit the shaft 37-11 through the cog 37-09 and into the fixing point in part 37-04. When correctly fitted, the smaller ring of teeth on the cog 37-09 will engage with the teeth on the outer edge of cog 37-08.

Fit cog 37-10 on the first shaft 37-11 so that its teeth engage with the outer ring of teeth on cog 37-09.
Take the motor from the previous stage. Fit the shaft of the motor into the recess in cog 37-10, so that the tabs on the motor fit over the raised screw sockets. Fix the motor in place with two PB 1.7 x 6 mm screws (supplied with stage 36).

Take the base plate 37-05 and fit it over the cogs. Fix in place with three PB 2 x 5 mm screws so that the cogs are held in place.

Turn the assembly over and take the base of the radar unit 37-03. Fit it onto the protruding shaft of cog 37-08 and fix in place with a PB 1.7 x 4 mm screw.

Check the fit of the radar unit 37-02 on the base 37-03. Apply a little superglue to the contact points and fix in place.

Check the fit of the foretop command post attachment 37-06 on the back of the foretop command post part 37-04, as shown. Apply a little superglue to the two pins on part 37-06 and fix in place.

Completed work
We have started to assemble the radar unit, and the motor has been fitted.
STAGE 38
THE FORETOP RADAR
AND A STARBOARD HULL SECTION

COMPONENTS CHECKLIST
38-01: Lower starboard hull section
38-02: Foretop command post gallery
38-03: Small accessories (1–5)
38-04: Deck
PM: Four PM 2 x 4 mm screws

01. FITTING THE NEXT HULL SECTION

Take the hull assembly from stage 37. Fit the pegs on the lower starboard hull section 38-01 into the raised screw sockets in the hull sections 30-01 and 35-01.

Fix the hull section 38-01 in place with three PM 2 x 4 mm screws.
**02. ACCESSORIES FOR THE FORETOP CONTROL POST**

1. Take the deck **38-04** and fit it into the foretop command post gallery **38-02**, as indicated by the blue arrow shown in the picture above.

2. This shows the deck in place. If it is loose, fix in place with a little superglue.

3. Take the foretop assembly from stage 37. Cut the two sockets, **1**, from the frame **38-03** and smooth any rough edges. Check the fit on the side of the radar unit **37-02**. Apply a little glue to the pegs on the first socket **1** and fix in place.

4. Repeat step 03 to fit the second socket, **1**, on the other side of the radar unit.

5. Cut the two rangefinder arms, **2**, from the frame **38-03**. Check the fit of the first arm in one of the sockets, **1**, ensuring you have it pointing in the right direction, as indicated by the arrows. Also, carefully note the orientation of part **37-02**. Fix in place with superglue.

6. Repeat step 05 to fix the second rangefinder arm, **2**, into the second socket, **1**.
Cut the three parts 3, from the frame 38-03. Identify the fixing point for the first part 3, on the recess on the forward end of the deck 37-07. Note that the flat side should face forwards. Fix in place with a little superglue.

Fix the third part 3 in place in the other corner of the foretop deck, again, with the flat side facing outwards.

Turn the foretop around so that you can fit the second part 3, in one of the recesses in the aft corners of the foretop deck 37-07. Again, make sure you have part 3 facing the right way, in this case it faces outwards. Fix in place with a little superglue.

Cut the door, 5, and the set of three lockers, 4, from the frame 38-03. Test the fit on the foretop, noting the orientation, and fix in place with a little superglue.

Thread the motor cable 36-01 through the centre of the foretop command post gallery 38-02. Check that the triangular shapes of the foretop are aligned. Apply a little superglue around the base of part 37-04 and fix in place.

**Completed work**
Accessories and a gallery have been fitted to the foretop command post.
STAGE 39
THE NEXT HULL SECTION

COMPONENTS CHECKLIST

39-01: Upper port hull section
39-02: Connecting piece
PM: Five 2 x 4 mm PM screws

01. FITTING THE NEXT HULL SECTION

Take the hull assembly from stage 38. Align the holes in the tabs on the upper port hull section 39-01 with the screw sockets in the hull section 37-01. You may find it helpful to temporarily loosen the adjoining part 31-01.

Fix the hull section 39-01 in place with two PM 2 x 4 mm screws.
Fit the connecting piece **39-02** over the raised screw sockets on either side of the join between parts **39-01** and **31-01**.

Fix the connecting piece **39-02** in place with two **PM 2 x 4 mm screws**.

**Completed work**
Another panel has now been added to the hull section.
STAGE 40
FIRE CONTROL POST DETAILS AND SEARCHLIGHT DECK

COMPONENTS CHECKLIST

40-01: Upper superstructure, left half
40-02: Upper superstructure, right half
40-03: Searchlight platform
40-04: Locker structure
40-05: Decking
40-06: Four ZAG artillery guidance devices
40-07: Searchlight parts (1–6)
40-08: Searchlight glass
40-09: Ladder support
40-10: Cooling coil
40-11: Rangefinder rails
40-12: Ladder
40-13: Searchlight cable
40-14: Cable label

01. ATTACHING THE CABLE LABEL

Place the searchlight cable 40-13 on your worktop. Peel the cable label 40-14 from the backing as shown.

Wrap the label 40-14 around the cable 40-13 near the connector as shown.
02. ASSEMBLING THE FIRST SEARCHLIGHT

Carefully cut the base of the searchlight 3 from frame 40-07. Pass the LED on the end of cable 40-13 through part 3. Make sure that you have the base of 3 the right way round.

Cut the searchlight body 1 from frame 40-07. Take the searchlight glass 40-08 and fit it into part 1. The inset shows the two pieces assembled.

Cut the searchlight backplate 2 from the frame 40-07. Insert the LED end of the searchlight cable 40-13 into the searchlight backplate 2, so that the cable fits into the recess on the side. Ensure that the LED is facing outwards, as shown.

Apply a tiny amount of superglue around the outside of the searchlight backplate 2.

Stick the assembly from step 02 in place on the searchlight backplate 2. Note that there is a notch in part 1 that fits over the wire.

Cut the searchlight support 5 from the frame 40-07. Fit the two pegs of part 5 in the holes on the opposite sides of the headlight body 1, as shown.
Cut the headlight arm 6 from the frame 40-07. Fit the searchlight cable 40-13 into the recess in part 6. Make sure you have part 6 the right way round, as shown. Cut the second part of the headlight arm 4 from the frame 40-07.

Apply a little superglue to the pegs on part 4 and stick them in place in the holes on part 6 so that the cable is enclosed. Take care not to get adhesive on the cable.

Apply a little superglue to the peg on the end of the arm assembly 4/6. Fit the peg into the recess on the searchlight support 5 (indicated by the arrow).

Check the fit of the searchlight base 3 against the underside of the headlight body 6. Apply a little superglue to the edge of the square base of part 6 and stick part 3 in place.

**03. ASSEMBLING THE SEARCHLIGHT PLATFORM**

Take the searchlight platform 40-03 and decking 40-05. Pass the light cable 40-13 through the opening in the flat, top side of the deck covering 40-05 in the direction as indicated by the arrow.

Run the cable 40-13 along the channel in the searchlight platform 40-03 (arrow). Apply a thin layer of superglue to the surface of the platform. Take care not to get any glue on the cable.
Stick the decking **40-05** in place on the searchlight platform **40-03**. Apply a little glue to the base of the searchlight and gently pull the cable **40-13** through the channel in the platform so that the searchlight sits on the deck covering, facing forward, as shown.

Hold the searchlight in place until the glue is firmly set. Apply a little superglue to the two pegs on the bottom of locker structure **40-04** and fix it in place with the pegs in the holes in the decking **40-05**.

Take the two parts of the upper superstructure **40-01** and **40-02** and check the fit. Apply a little superglue to the pegs on part **40-02** and fix it on to part **40-01**. Take the ladder **40-12** and check the fit on the upper superstructure.

Apply tiny drops of superglue to the four pegs (two at each end) of ladder **40-12** and fix it in place with the pegs in the holes on part **40-01**, as shown.

Pass the connector on the end of cable **40-13** through the opening in the upper superstructure assembly (arrow). Apply a very small amount of superglue to the semicircular edge of the searchlight platform **40-03**.

Fix the searchlight platform in place on the front of the upper superstructure.
04. DETAILS FOR THE FORETOP FIRE CONTROL POST

01. Take the radar assembly unit 37-02 (assembled in stage 38). After checking the fit, glue the ladder support 40-09 to the radar unit on the foretop fire control post.

02. After checking the fit, glue the cooling coil 40-10 in place behind the port rangefinder arm, as shown.

03. Cut the two sets of rails, 40-11 from their frame. Check how the pins on the rails fit into corresponding holes in the rangefinder arms. Use a little superglue to fix the rails in place.

04. Remove two of the ZAG artillery guidance devices 40-06 from the frame, taking care not to cut off the locating pegs at their base. Check the fit on the port side of the decking 38-04, making sure they are facing in the right direction. Glue in place.

05. Repeat the previous step to fix two ZAG artillery guidance devices 40-06 on the starboard side of the foretop fire control post.

Completed work
The searchlight has been assembled and fitted to the upper superstructure and the foretop fire control post has been fitted with extra details.
01. FITTING THE HULL SECTION

Put the hull structure on your worktop. Take the starboard upper hull section 41-01 and fit it against the starboard lower hull section 38-01 so that the screw holes are aligned, as shown.
Use two PM screws to fix section 41-01 to section 38-01, as shown.

Fit the screw holes on the connector 41-02 over the screw sockets on parts 32-01 and 41-01. Fix in place with two PM 2 x 4 mm screws.

Completed work
Another section of the hull has now been fitted to your model.
01. FITTING THE KEEL SECTION

Put the hull structure on your worktop. Fit the sockets on the connector 42-02 over the two raised screw sockets on the keel section 35-01. Have two PM screws ready.

Use two PM screws to fix the connector 42-02 to section 35-01, as shown.

COMPONENTS CHECKLIST

42-01: Sixth keel section
42-02: Connector

PM: Five 2 x 4 mm PM screws

42-01

42-02

PM

35-01

PM

35-01

PM
Bring the edge of the keel section 42-01 up beneath the connector 42-02 so that the raised screw sockets on part 42-01 fit into the sockets on part 42-02.

Use two PM screws to fix connector 42-02 to keel section section 42-01, as shown.

Completed work
Another keel section has now been added to the hull. Store the assembly carefully to avoid damage to the connection.
01. ASSEMBLING AND FITTING THE GRATINGS

Cut the gratings 1 and 2 from the frame 43-04. Remove any rough edges.

Check the fit of the three pegs on the underside of part 2 in the recesses in part 1, as shown. Apply a tiny drop of superglue to the pegs and fix in place.
Repeat the previous two steps to cut parts 3 and 4 from the frame and fix together. Note the orientation of the parts.

Take the admiral’s bridge deck 43-01 and identify the fixing point for the grating assembly 1 and 2 on the port side. Apply a tiny drop of superglue to the tab on part 1 and fix in place as indicated by the arrow.

Identify the fixing point for the grating assembly 3 and 4 on the starboard side of the admiral’s bridge deck.

Apply a little superglue to the tab on part 3 and fix in place as shown.

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02. ATTACHING THE CABLE LABEL

Take the connector end of the cable 43-09. Remove the backing from the cable label 43-10.

Wrap the cable label 43-10 around the cable 43-09 as shown.
03. LIGHTING FOR THE ADMIRAL’S BRIDGE

01

Take the windows of the admiral’s bridge 43-07 and fit the LED on the end of cable 43-09 into the recess. Cut part 1 from frame 43-05. Have two PWB screws ready.

02

Fit part 1 over the recess in part 43-07 to hold the LED in place. Fix in place with two PWB screws.

03

Turn the windows 43-07 over so that part 1 is facing downwards. Cut walls 3 and 4 of the admiral’s bridge from frame 43-05 and check the fit, as shown.

04

Walls 3 and 4 have corners that fit around the sides of the windows 43-07.

05

Cut the remaining wall 2 from the frame 43-05 and push-fit it across the windows 43-07 and onto the walls 3 and 4. Take the deck 43-06 and check the fit on top of the bridge walls.

06

Fix part 43-06 on top of the walls of the admiral’s bridge, holding them in place.
04: ASSEMBLING THE ADMIRAL’S BRIDGE

01

Cut the railing 1 from frame 43-08. Identify the indents on either side of the centre point of the railings (see detail image). Make two right angle bends at these points.

02

Identify the next two bend points (red arrows) and bend the railings outwards at right angles. Check the fit of the railings on the deck (see step 3) and make the final bends to part 1 at each end.

03

The railings fit along the front of the decking 43-06. Apply a little superglue to the bottom of the posts of the railings 1 and fix in place.

04

Cut part 2 from frame 43-08 and bend it at the indents, as shown, so that it fits along the starboard side of the decking.

05

Use a tiny bit of superglue, applied to the bottom of the posts, to fix the section of railing 2 in place on the decking 43-06.

06

Take the last section of railing 3 from frame 43-08 and bend it as shown, at the indents, to fit along the port side of the decking.
Glue the last section of railing 3 in place along the port side of the decking 43-06.

Feed the connector cable 43-09 through 43-01 (inset). Apply a little superglue to the tabs on the base of 43-06 and fix into the recesses in deck 43-01 so that wall 2 aligns with the front of the deck 43-01.

Take the searchlight assembly from Stage 40 and feed the cable through the hole in the admiral’s bridge deck 43-01. Identify the tabs on the base of the superstructure assembly (arrows), which fit into slots in the deck. Apply a little superglue to the tabs and fix in place.

Tabs on the base of the signalman’s shelter 43-02 fit into slots at the aft of the admiral’s bridge deck 43-01. Apply a little superglue to the tabs and fix in place.

Glue the shelter 43-03 in place on top of the shelter 43-02 as shown.

Completed work
The admiral’s bridge, with lighting, is now assembled.
STAGE 44
THE UPPER MAST DECK

COMPONENTS CHECKLIST
44-01: Upper mast deck
44-02: Accessories for the upper mast deck
44-03: Decking
44-04: Lower section of the conning tower (port)
44-05: Lower section of the conning tower (starboard)
44-06: Ammunition hoist
44-07: Port railing
44-08: Starboard railing
44-09: Two anchor rings

01. UPPER MAST DECK, CONNING TOWER AND AMMUNITION HOIST

Place the upper mast deck 44-01 on your work surface. Take the decking 44-03 and apply a little superglue to the main contact points on the underside.

Glue the decking 44-03 in place on the surface of the upper mast deck 44-01. Take the two sections of the conning tower, 44-04 and 44-05, check the fit and apply a little superglue to the pegs at the fixing points on part 44-05.
Glue the two sections of the conning tower together so that the pegs on part **44-05** fit into the sockets on part **44-04**, as shown.

Check the fit of assembly **44-04/44-05** in the opening of the upper mast deck **44-01**, noting the orientation, shown here. Apply a little superglue to the tabs on the lower edge of parts **44-04/44-05** and glue in place.

Take frame **44-06**, which will form the ammunition hoist for the 2-cm magazines. Cut parts **1** and **4** from the frame, taking care they do not fly off. Note that parts **2** and **4** are similar, but part **4** is smaller than part **2**.

Slot the central upright ‘spine’ of part **1** through the central opening in part **4** and slide part **4** down as far as it will go. Note that part **4** is slightly tilted, as shown. Fix in place with a tiny drop of superglue.

Cut part **2** from the frame and fit it across the top of the central spine of part **1**, positioning the notches (circled) as shown. Again, part **2** is slightly tilted, at the same angle as part **4**, as shown. Fix in place with a tiny drop of superglue.

Take the first part **3** and fit the end with a loop through the opening in part **2**. Then fit the loop onto the horizontal peg of part **1**. Apply a drop of glue to hold the loop in place (arrow).
Fit the second part 3 in place through the opening in part 2, and glue the loop in place on the horizontal peg of part 1 with a little superglue.

Glue the assembled ammunition hoist 44-06 in place at the front of the upper mast deck 44-01 as shown.

Cut the locker, 2, from the frame 44-02 and check the fit on the port side of the conning tower 44-04. A tab at the base of the locker fits into a slot in the decking 44-03. Apply a little superglue to the peg and fix in place as shown.

Check the fit of the next locker, 3, on the port side of the conning tower 44-04 as shown. Glue in place in the same way as described for locker 2.

Turn the assembly round and glue locker 4 in place on the starboard side of the conning tower 44-05, in the same way as described for locker 2.

Cut part 1 from frame 44-02 and check the fit on the starboard side of the conning tower. Two pegs on part 1 fit into corresponding holes in part 44-05. Apply a little superglue to the pegs and fix in place.
Turn the assembly around again and take the port railing, 44-07. Check the fit around the front port side of the upper mast deck 44-01 and use a few drops of superglue on the pegs at the bottom to fix it in place.

Turn the assembly round and glue the starboard railing 44-08 in place around the starboard side of the upper mast deck 44-01.

**03. NEW ANCHOR RINGS**

Loosen the anchor rings 7-07 from both anchor chains 7-06 and anchor shafts 7-09 as shown.

Take one of the two new anchor rings 44-09 and use it to connect an anchor chain 7-06 to an anchor shaft 7-09.

In the same way, use the second anchor ring 44-09 to connect the second anchor chain 7-06 to an anchor shaft 7-09.

**Completed work**

We have replaced the anchor rings and started the assembly of the upper mast deck.