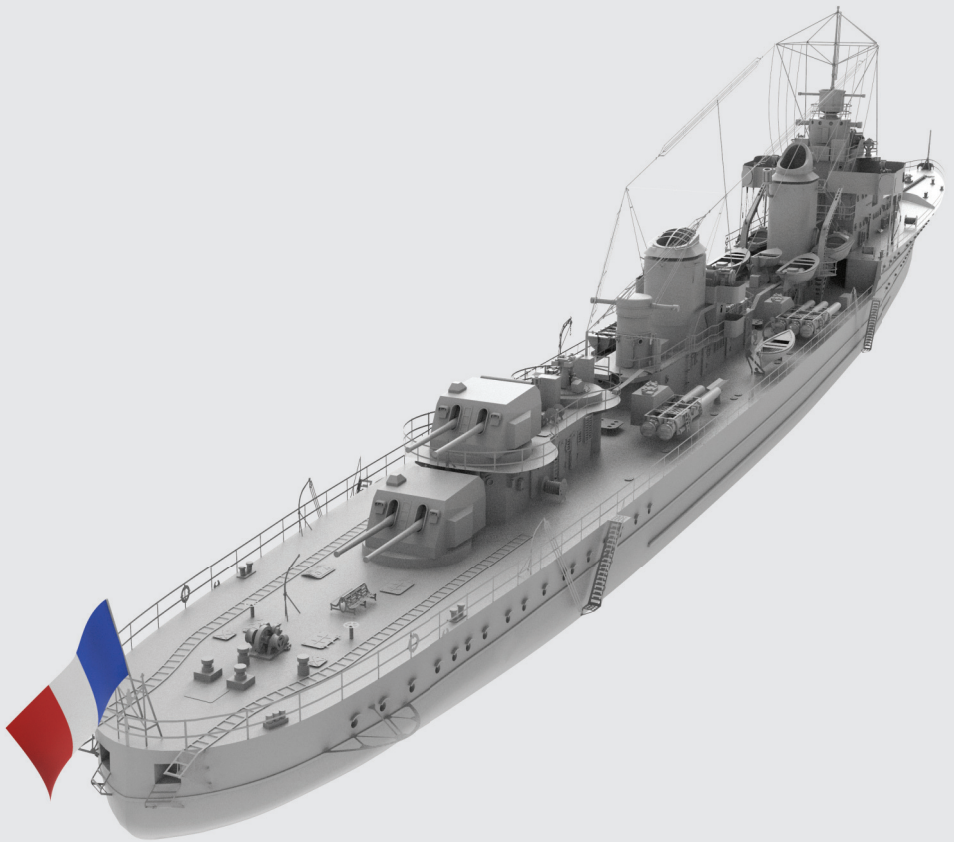


SO70025

1/700 French Destroyer Mogador / Volta
Highly Detailed Waterline Resin Kit

Shelf
Oddity



designed by blacman

SO70025

1/700 French Destroyer Mogador / Volta Highly Detailed Waterline Resin Kit

Material remarks:

This set has been designed with 0.02 mm accuracy using classic cast and 3D-printed resin parts as well as extremely thin brass.

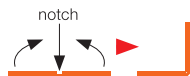
The resin parts are fragile. Please pay high attention when tooling. Do not over apply the cutting or drilling forces.

Using extensive force or aggressive attempts of removing material may lead to accidental parts breakage.

The resin dust may be harmful for your health when inhaled. Please use the necessary safety equipment and ventilation when cutting and sanding resin parts.

Etching process may decrease some dimensions and create irregularities.

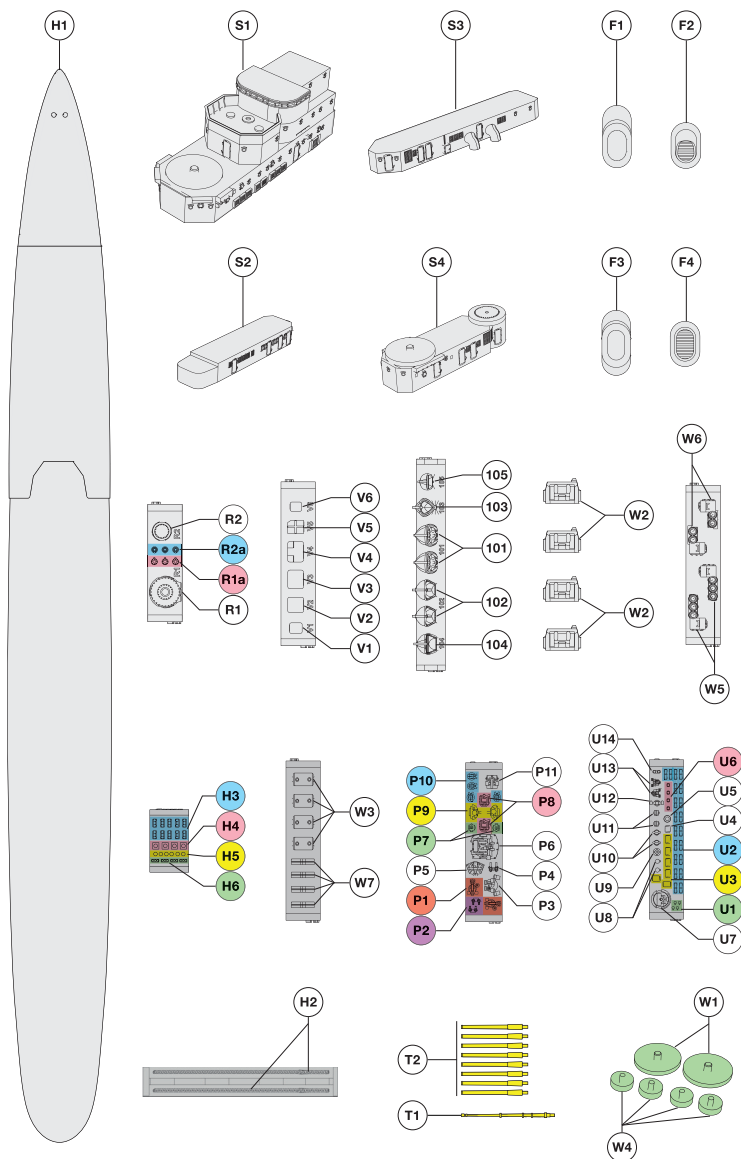
A general rule of bending photoetched parts.



Unless indicated otherwise, parts should be bent in a way to close the engraved notch inside of the bend.

Be careful while bending photoetched parts – please follow the information shown above.

The “edge-to-edge” assembly method using glue is highly recommended





Set information:







We did our best to create the complete kit allowing to build 1/700 scale waterline model ship however some additional components may be required.

While browsing this manual you might find some parts (metal wires, brass tubes or chains) which are not included in this set.

The decals in this set are the classic silk-screen waterslide ones. Each decal has its separate transfer film.

Use standard procedure for the decals application.

Colour code:

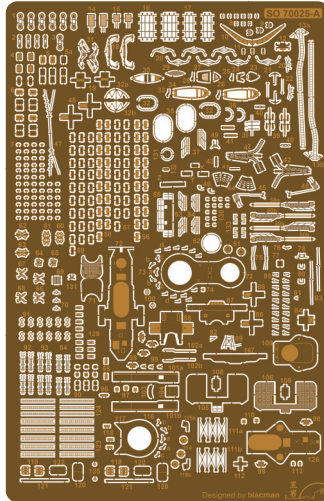
-  Cast resin parts
-  3D resin parts
-  Photoetched parts
-  CNC tooled aluminium parts
-  CNC tooled brass parts
-  Silk-screen decals

Recommended other scratch materials:

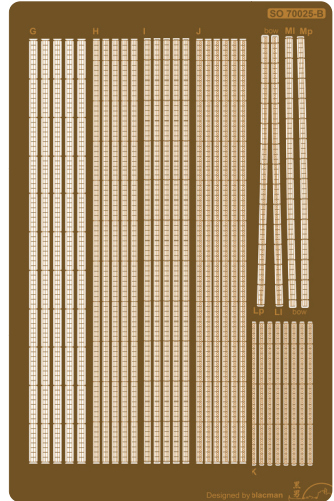
Plastic (or brass) rods of 0.15, 0.2, 0.25, 0.3 and 0.4 mm diameter.

0.06 mm rigging wire can be purchased separately in our web store as **SO70050** reel)

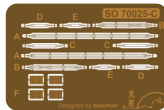
Photoetched fret A



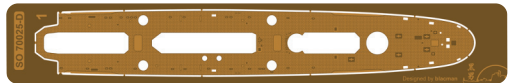
Photoetched fret B



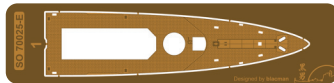
Photoetched fret C



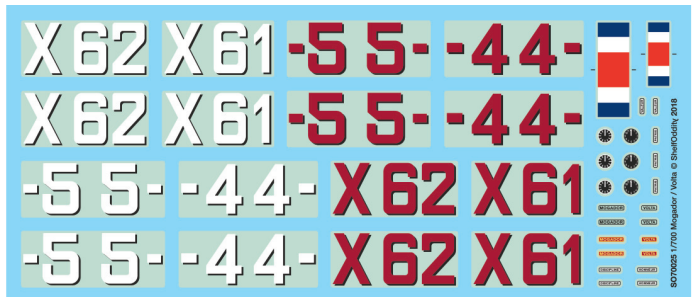
Photoetched fret D



Photoetched fret E



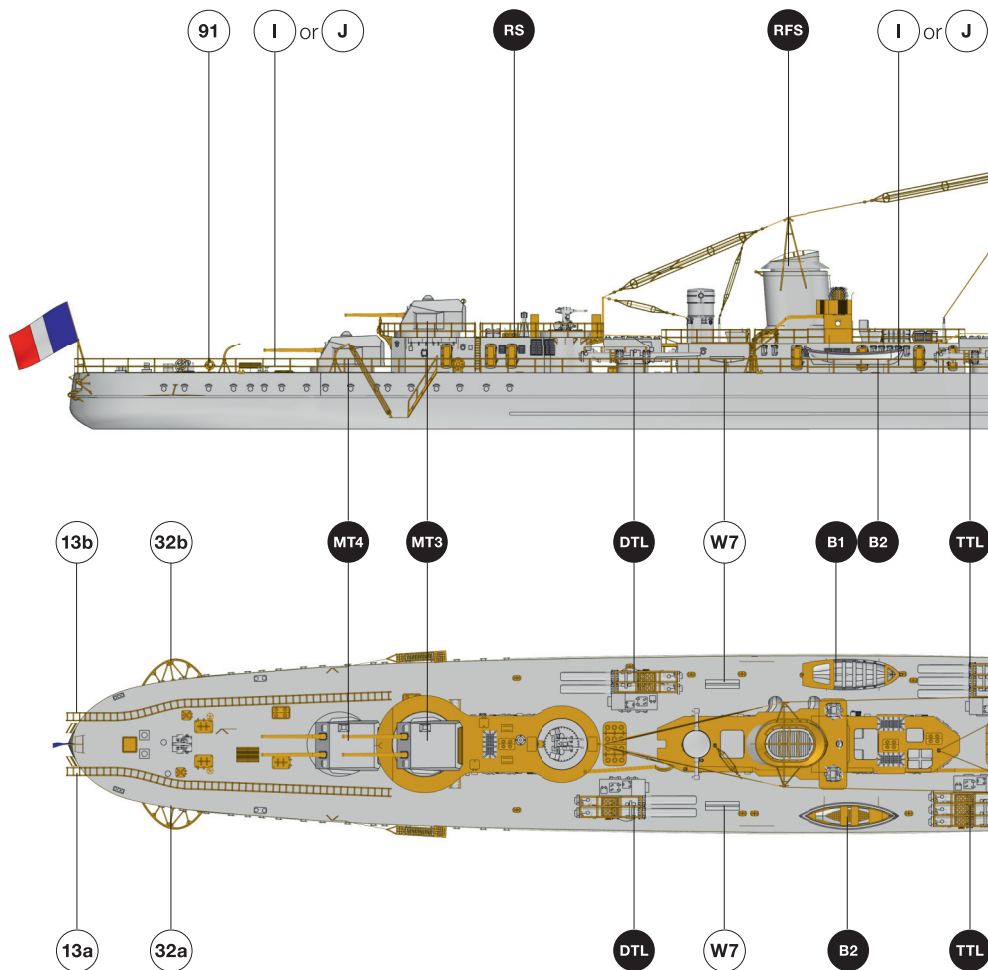
Decals




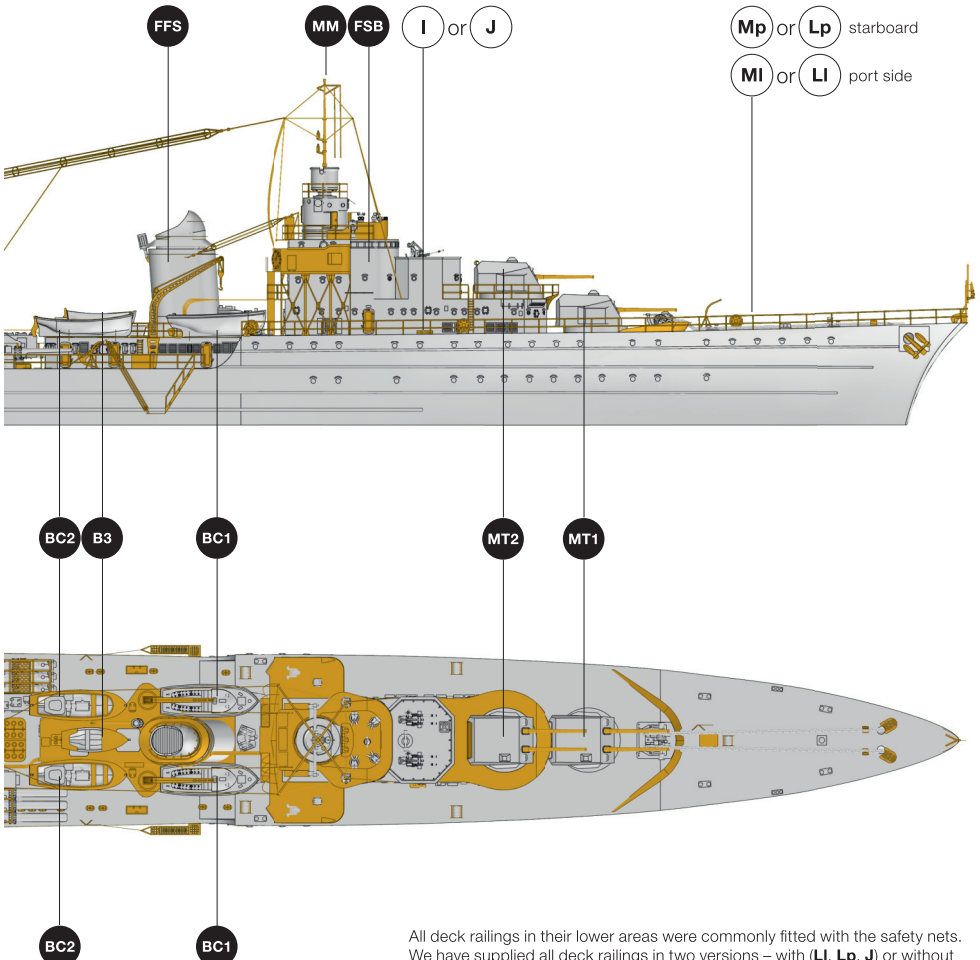
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General layout plan:



 The lifebuoys (91) need to be folded in half before application.
Check your references when placing the lifebuoys on your model.

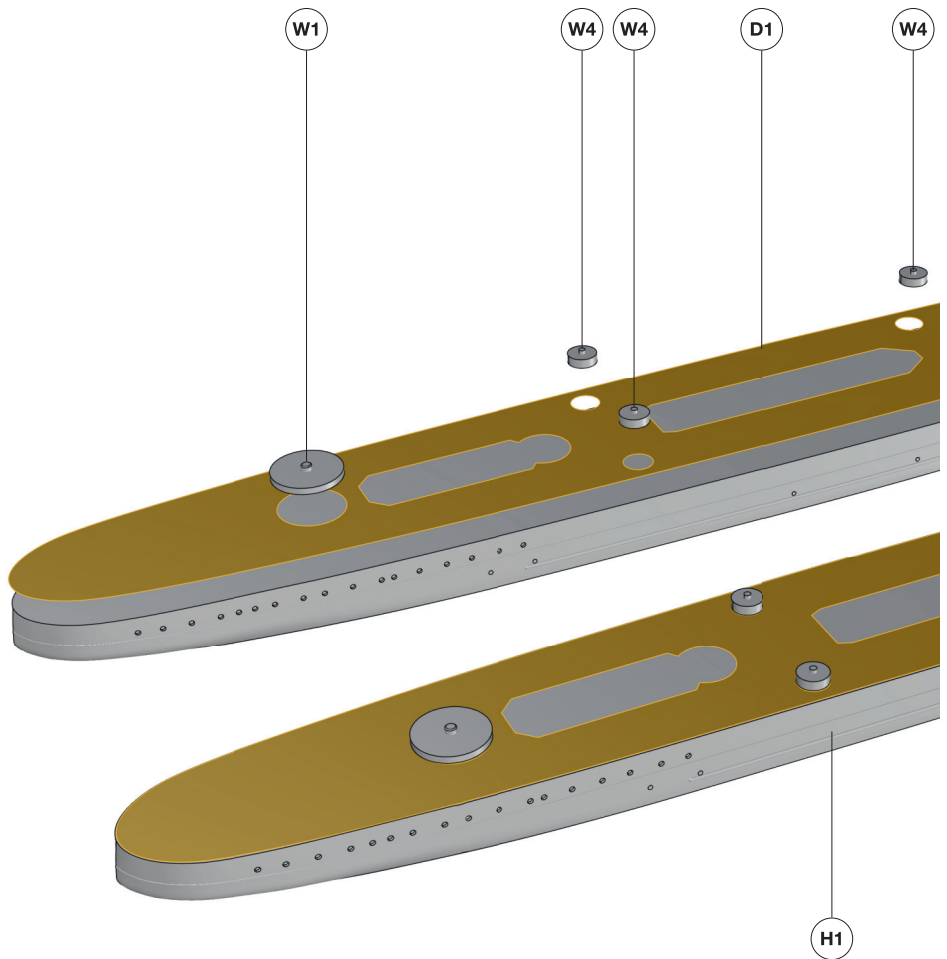


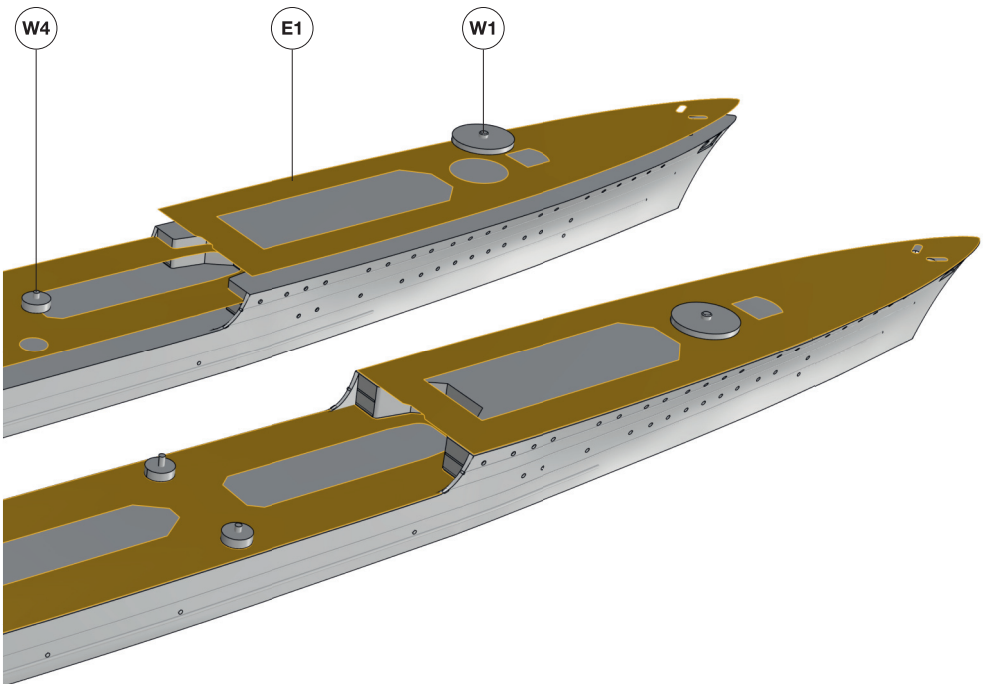
All deck railings in their lower areas were commonly fitted with the safety nets. We have supplied all deck railings in two versions – with (**LI, Lp, J**) or without (**MI, Mp, H, I**) safety nets. Also, the rear deck railings without safety nets are supplied in two versions – the standard one with all vertical poles identical (**H**) and with some poles doubled (**I**). You can use those railings in conjunction with the separate safety nets (**K**) to get more realistic look. Check your references when selecting and placing the railings.

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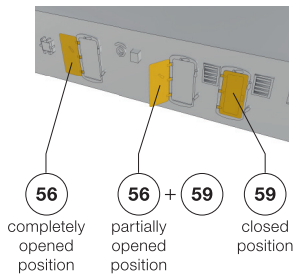
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Decks and barbettes assembly:

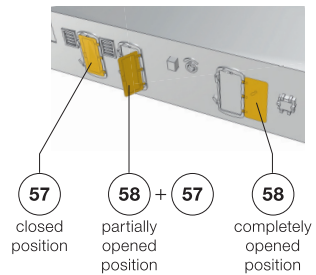




PD Port side doors assembly:



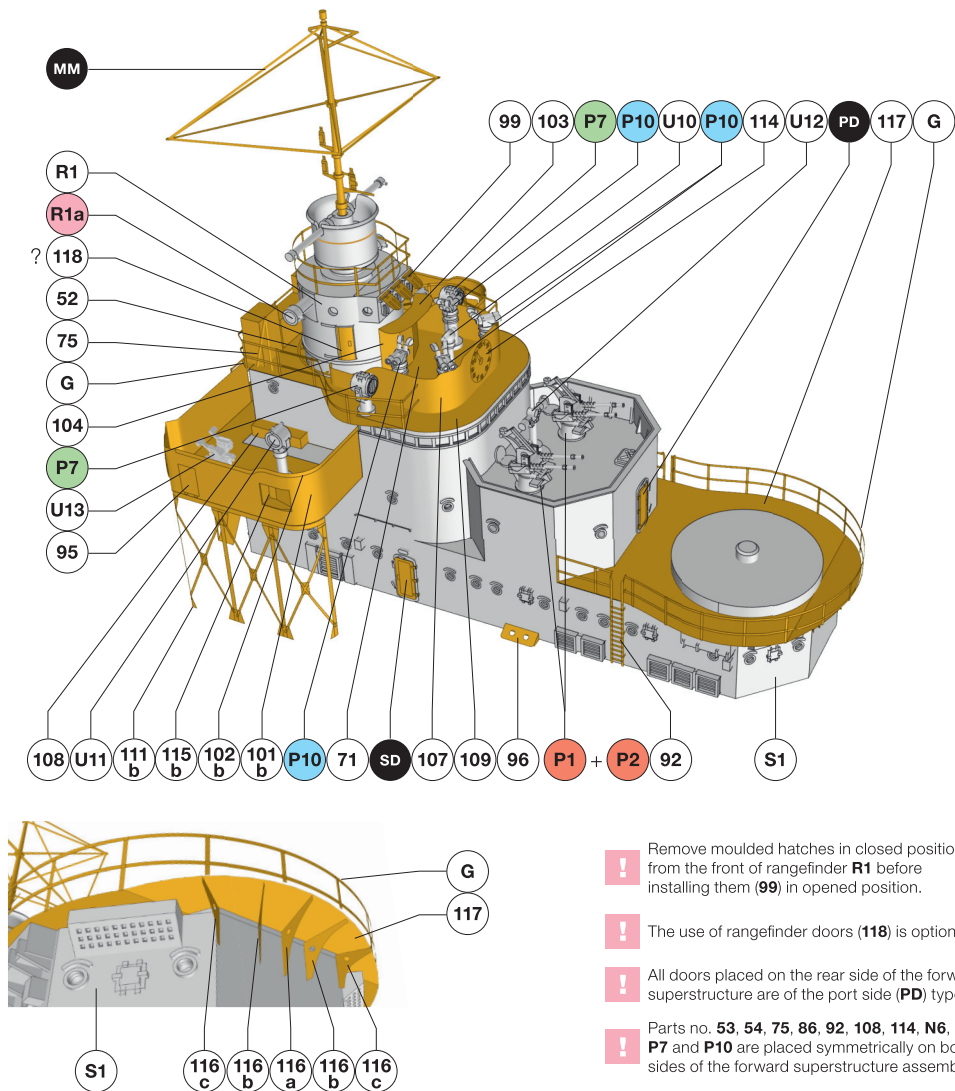
SD Starboard doors assembly:

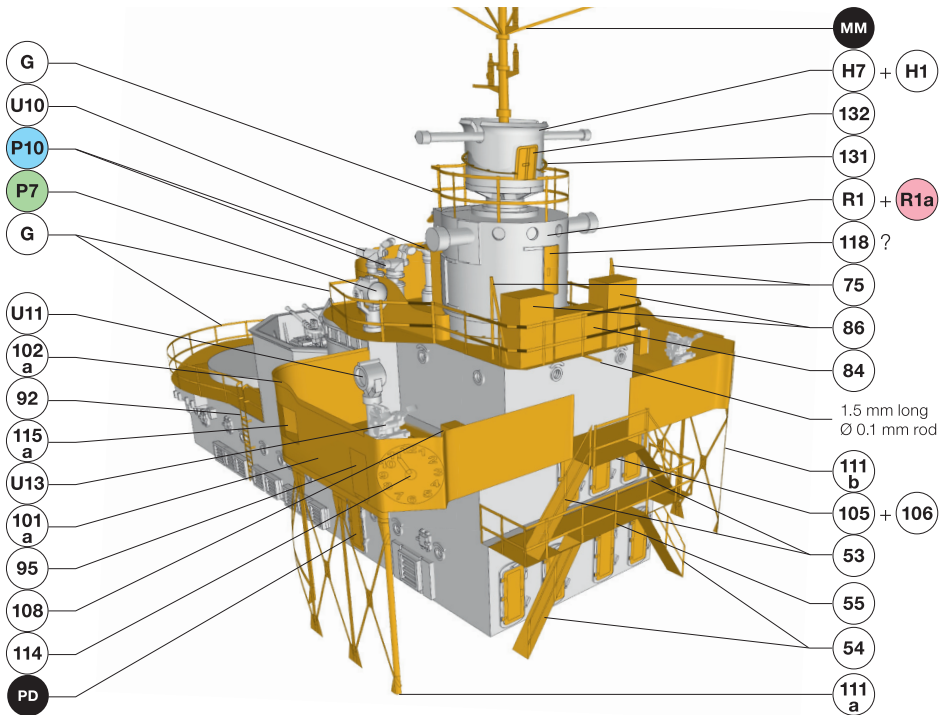


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FSB Forward superstructure and main bridge assembly:



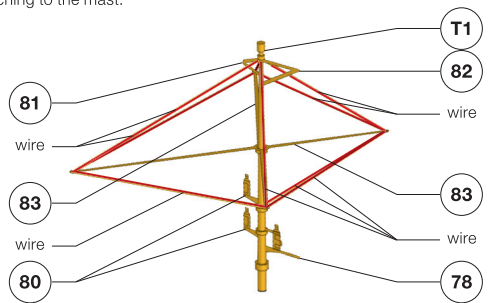
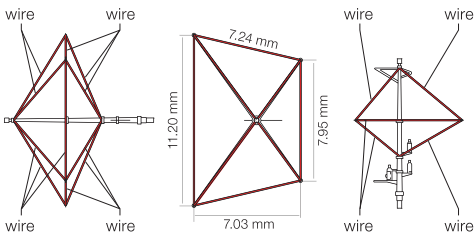


MM Main mast assembly:

! The drawing below is shown in 2:1 scale.

! Parts **78** and **80** need to be folded in half before attaching to the mast.

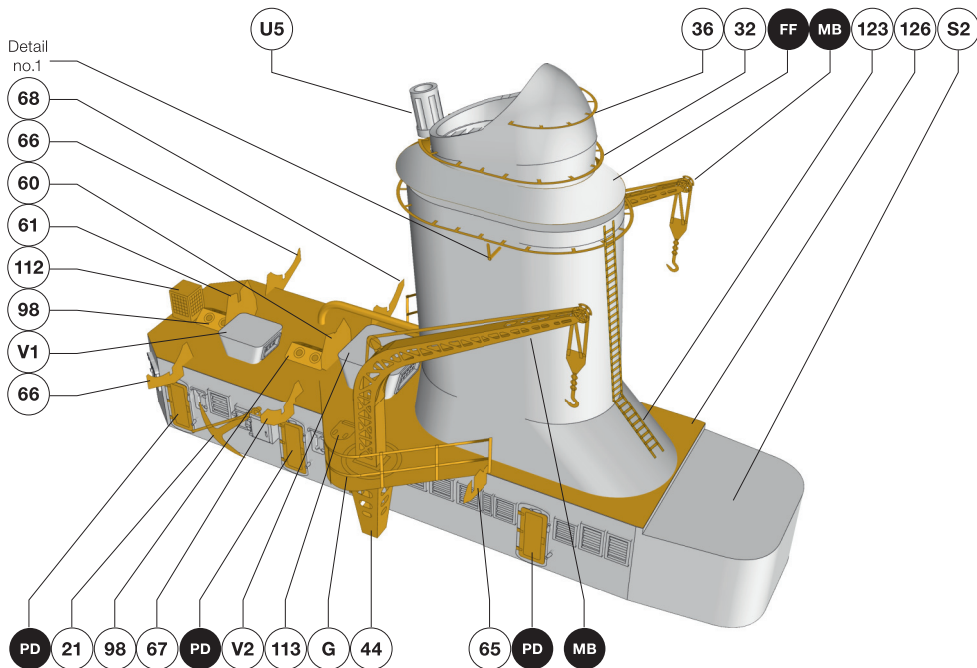
! Use 0.6 mm wire for rigging (marked red).



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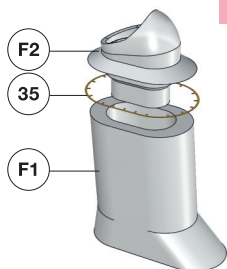
1/700 French Destroyer Mogador / Volta Highly Detailed Waterline Resin Kit

FFS Forward funnel superstructure assembly:



Parts 60-68 need to be folded in half before attaching to superstructure.

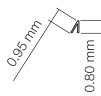
FF Forward funnel assembly:



Slide-in photoetched rail guard 35 before joining both resin parts of the funnel.

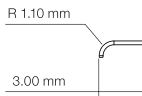
The drawings below are shown in 2:1 scale (upper row) and in 1:1 scale (bottom row).

Detail no.1:
Ø 0.1 mm rod



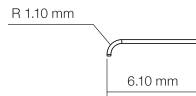
1:1 A

Detail no.2:
Ø 0.3 mm brass pipe



1:1

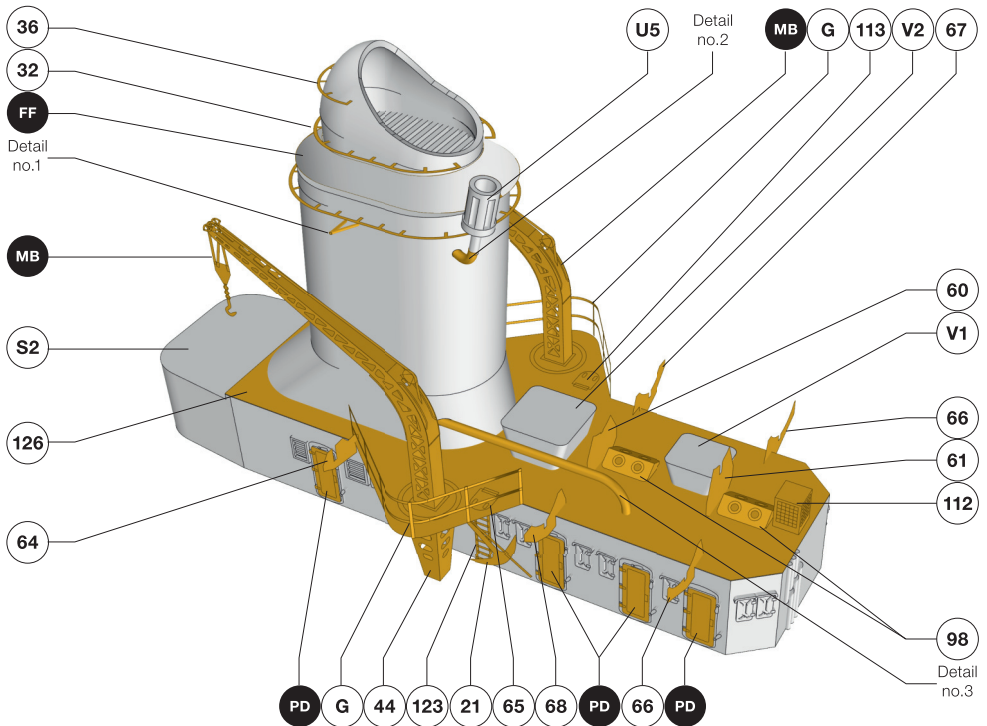
Detail no.3:
Ø 0.3 mm brass pipe



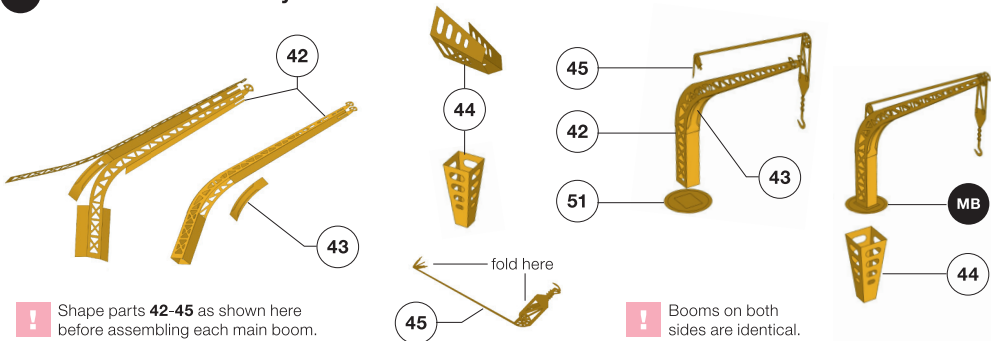
1:1



Shelf
Oddity



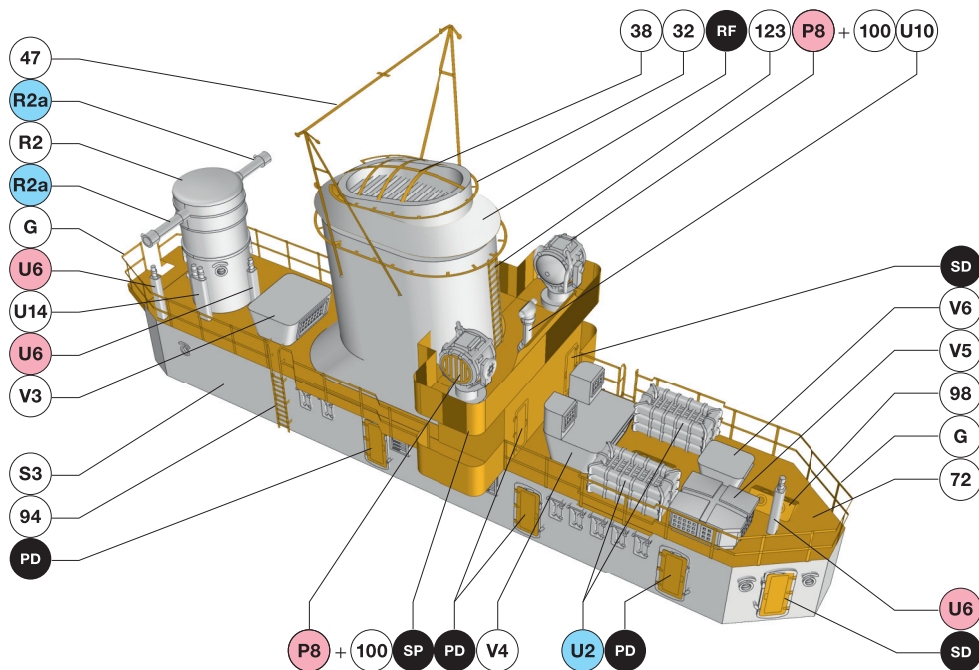
MB Main booms assembly:



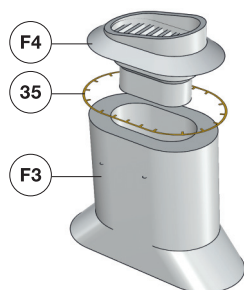
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RFS Rear funnel superstructure assembly:

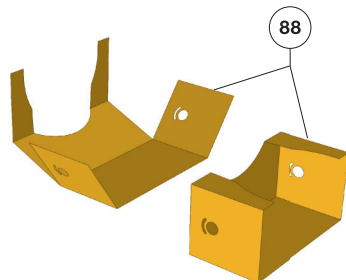


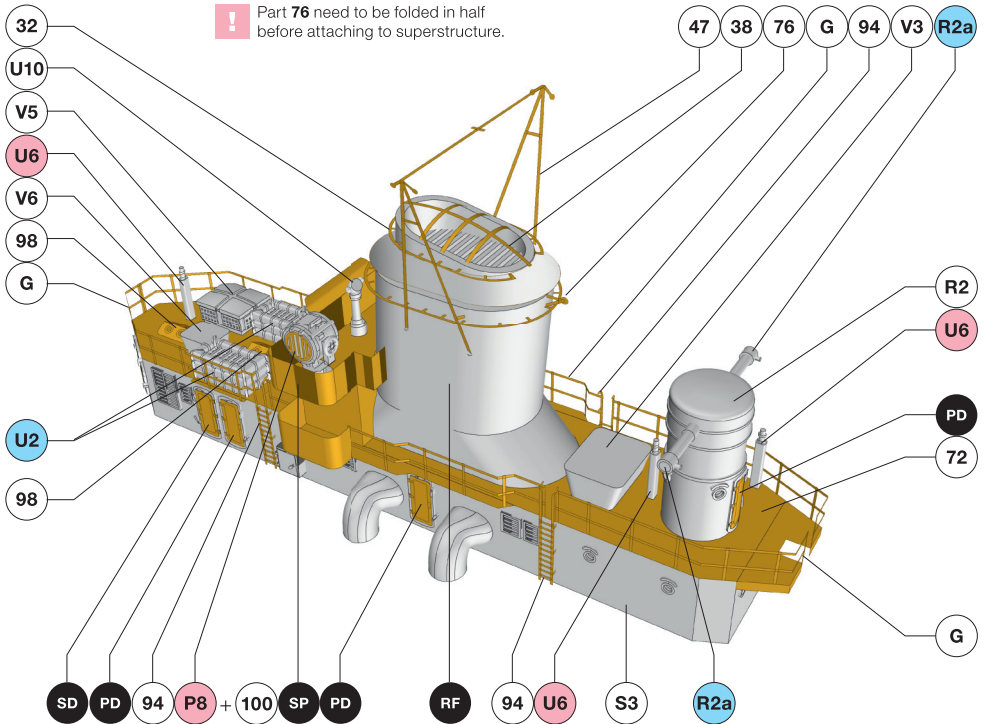
RF Rear funnel assembly:



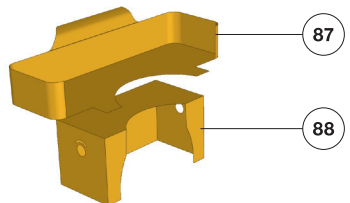
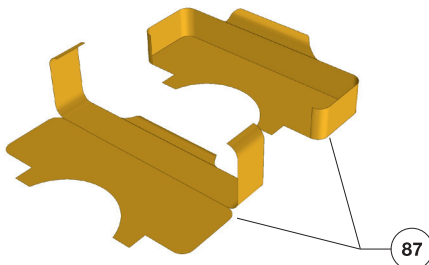
Slide-in photoetched rail guard **35** before joining both resin parts of the funnel.

SP Searchlight platform assembly:





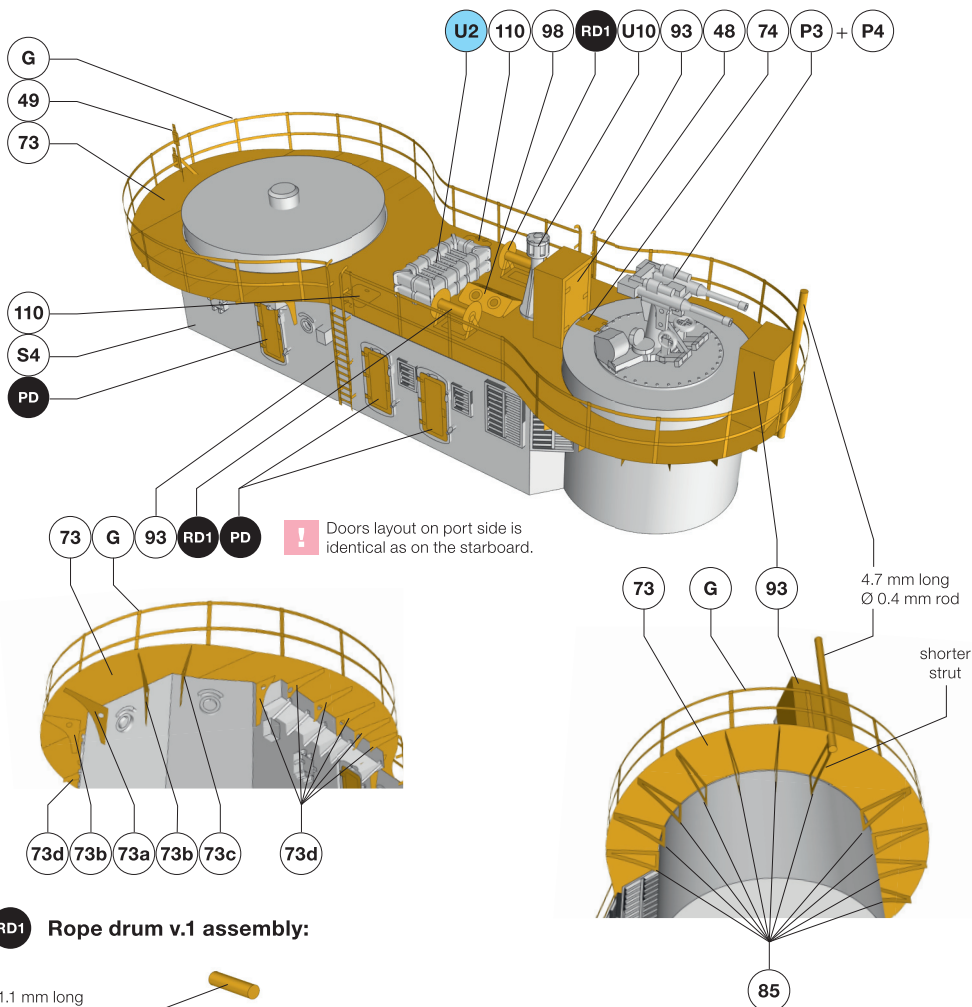
! Shape parts **87-88** as shown here before assembling the platform.



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RS Rear superstructure assembly:



RD1 Rope drum v.1 assembly:

1.1 mm long
Ø 0.3 mm rod

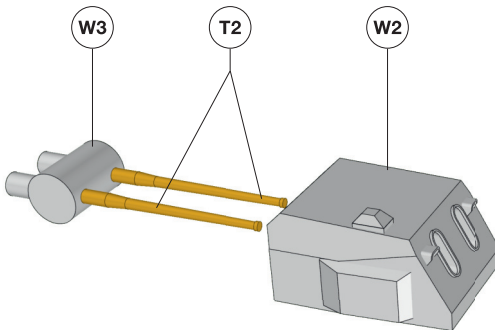
2

RD1



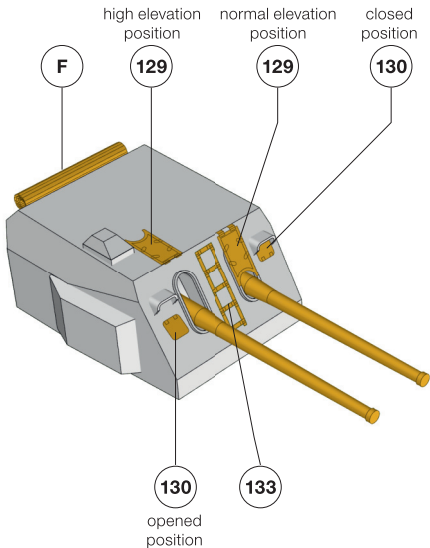
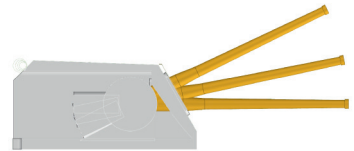
MT

Main turrets assembly:

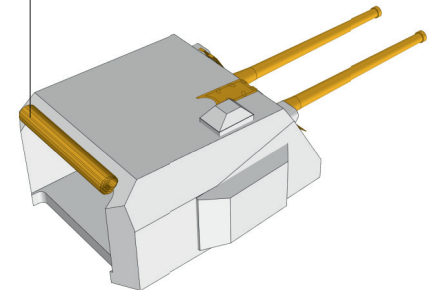


! This kit does not include version of main 130 mm guns with blast bags.

! Set the gun elevation using the slow curing CA glue.



! Use only on turrets in superposition: **MT2** and **MT3**.

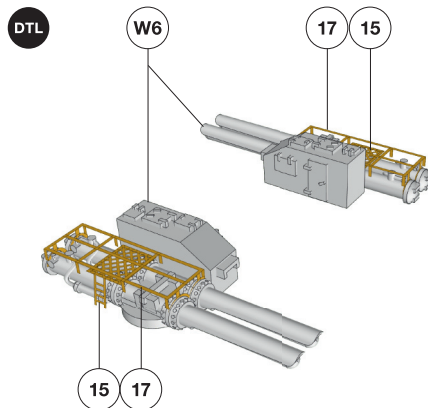
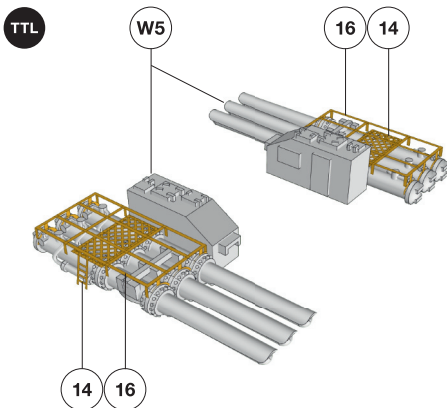


! Photoetched canvas cover **F** needs to be rolled before mounting on the turret.

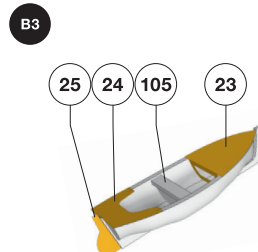
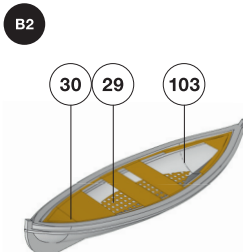
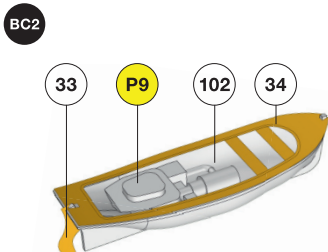
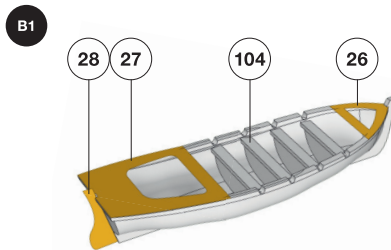
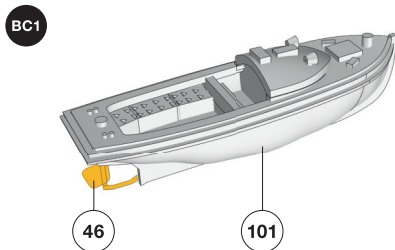
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TL Torpedo launchers assembly:

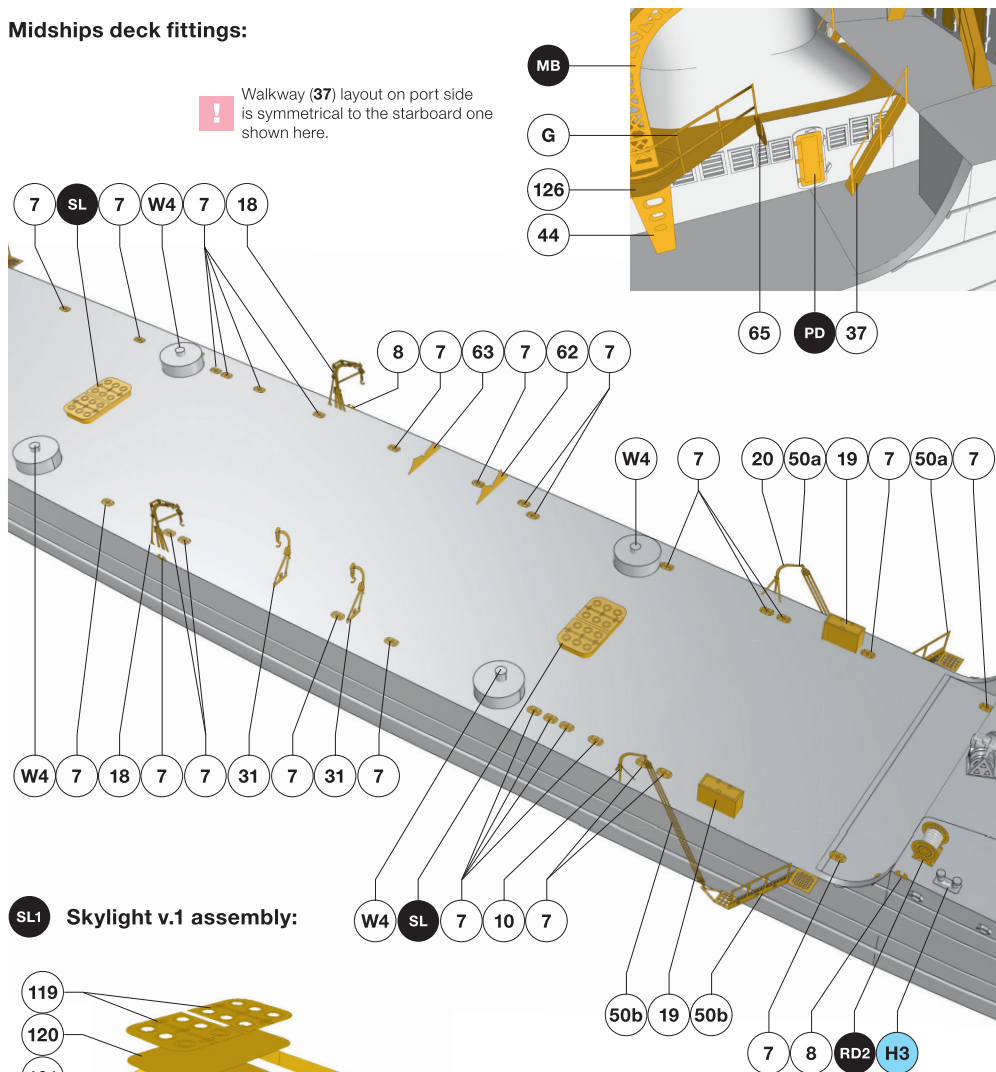


B Boats assembly:



Midships deck fittings:

! Walkway (37) layout on port side is symmetrical to the starboard one shown here.



SL1 Skylight v.1 assembly:

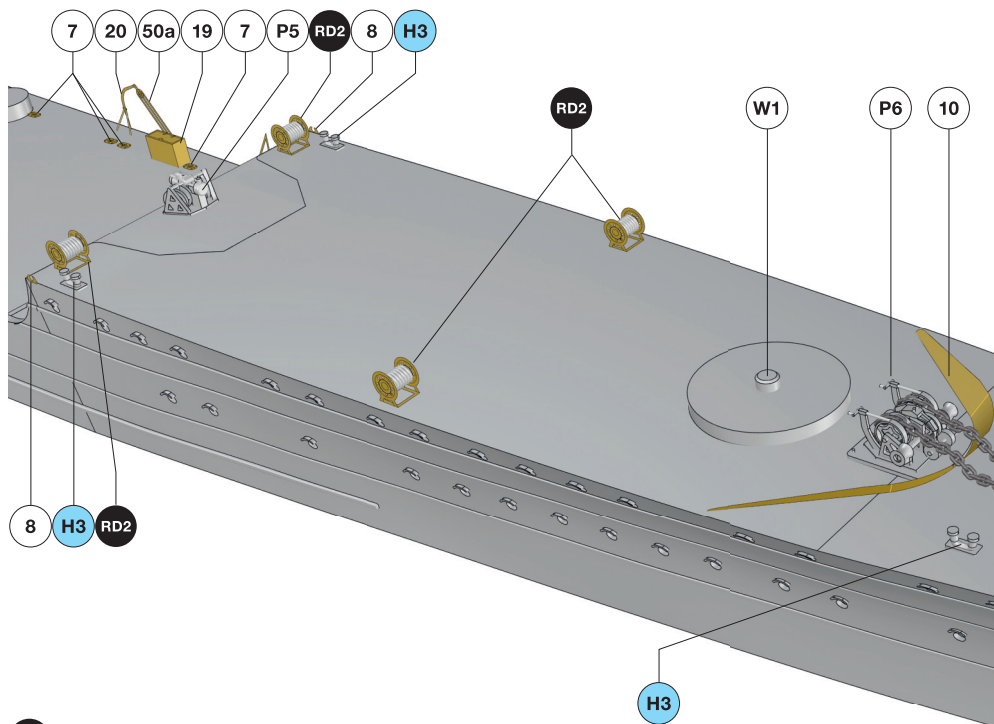
! Parts 8, 18, 20, 31, 62, 63 need to be folded in half before attaching to the deck amidships.

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Forecastle deck fittings:

! Parts **12**, **20**, **31**, **39** need to be folded in half before further use or application.



RD 2/3 Rope drums v.2 and v.3 assembly:

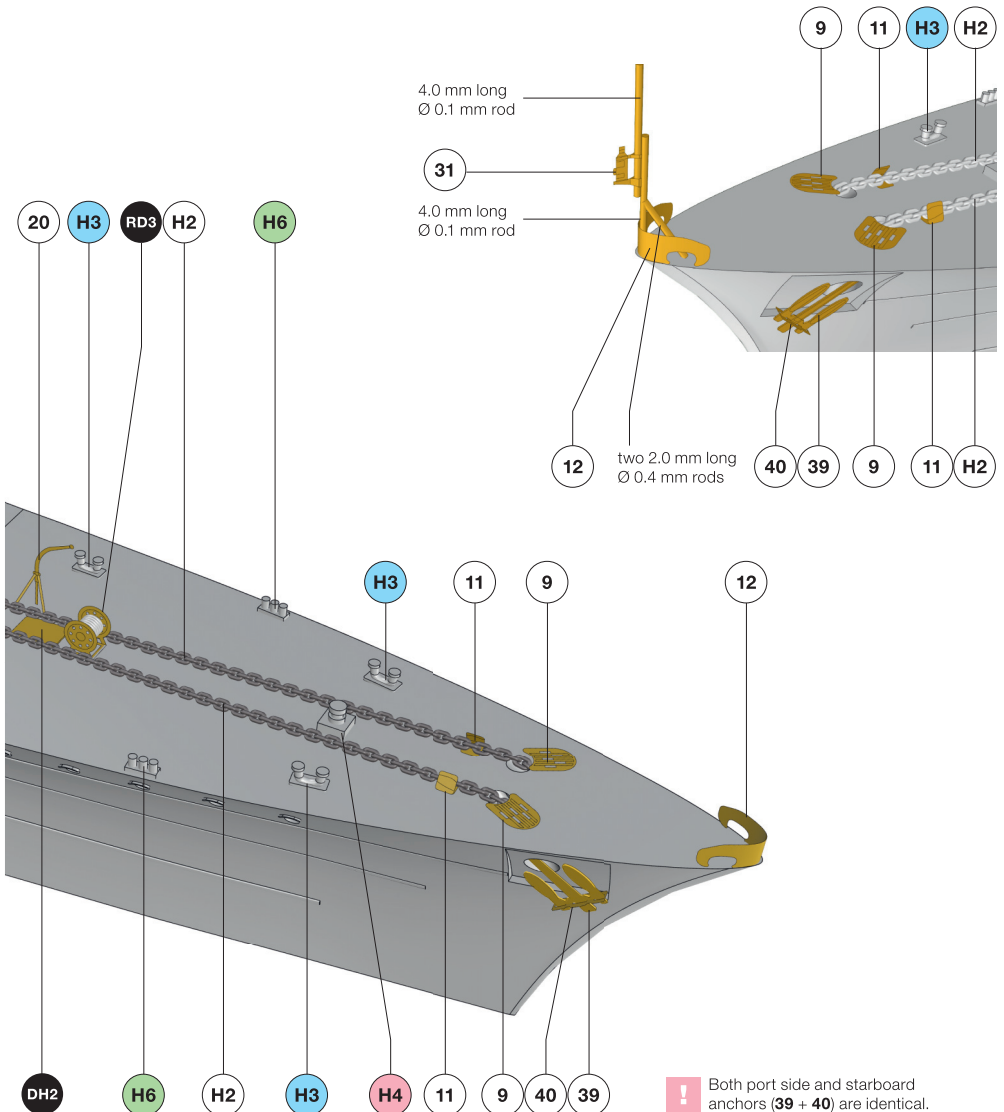


! Use parts **3** and **D3** to prepare rope drum **RD3**.

DH 1-4 Deck hatches v.1, v.2, v.3 and v.4 assembly:



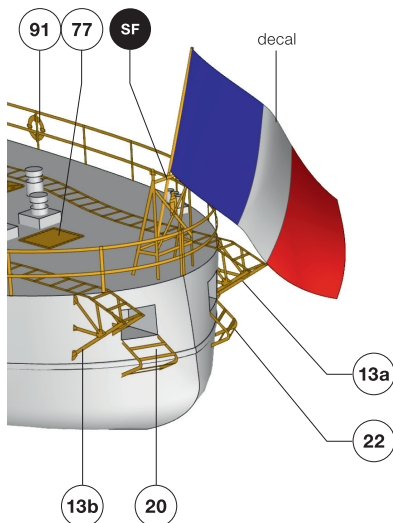
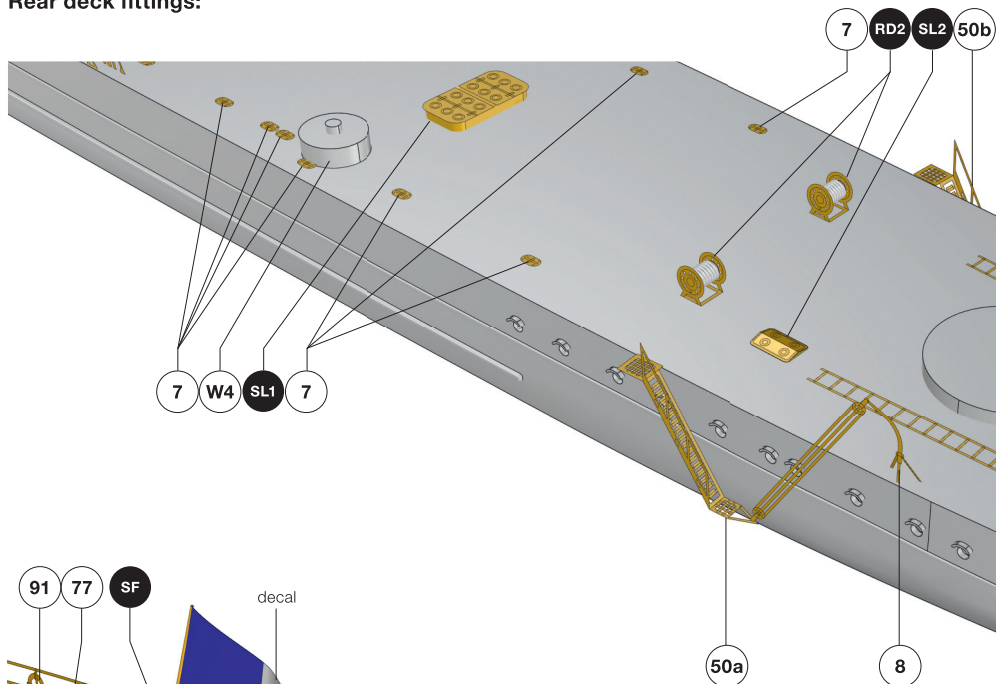
! Use parts **5a** and **6** and **90** to fold and prepare deck hatches **DH2** and **DH3** and **DH4** respectively.



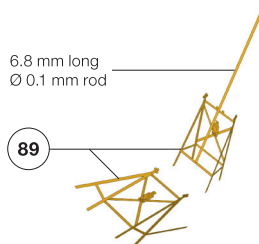
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Rear deck fittings:

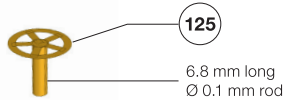


SF Stern flagpole assembly:

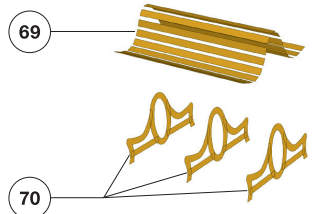




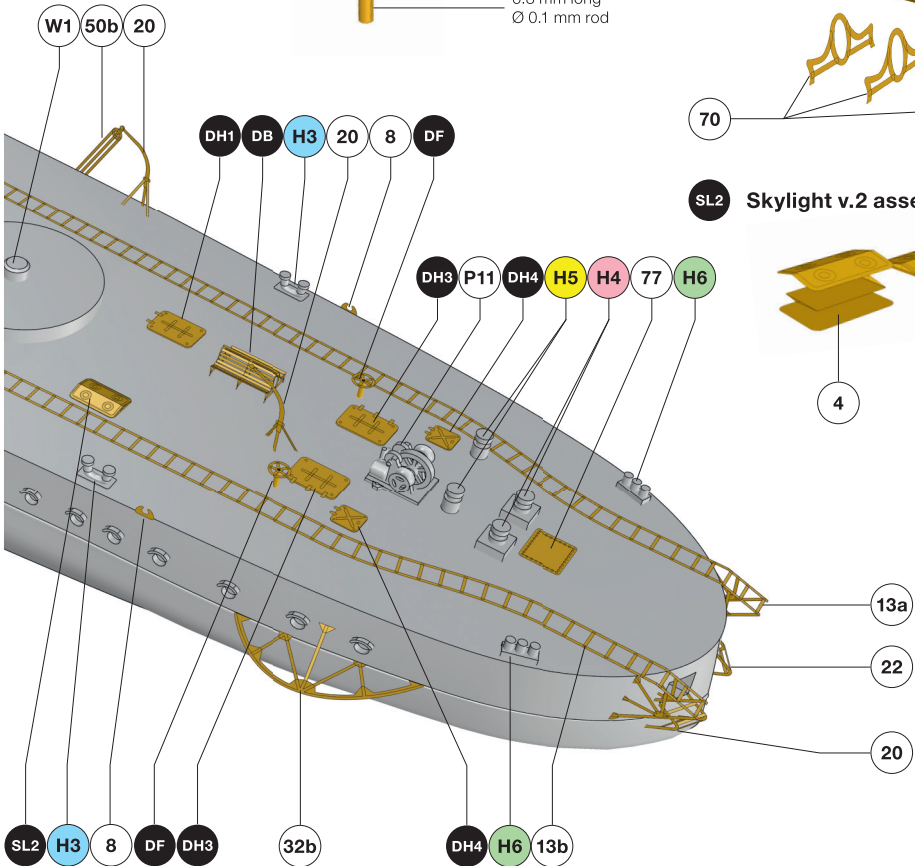
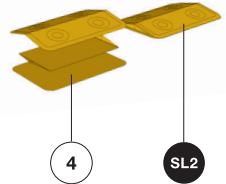
DF Deck flywheel assembly:



DB Deck bench assembly:



SL2 Skylight v.2 assembly:



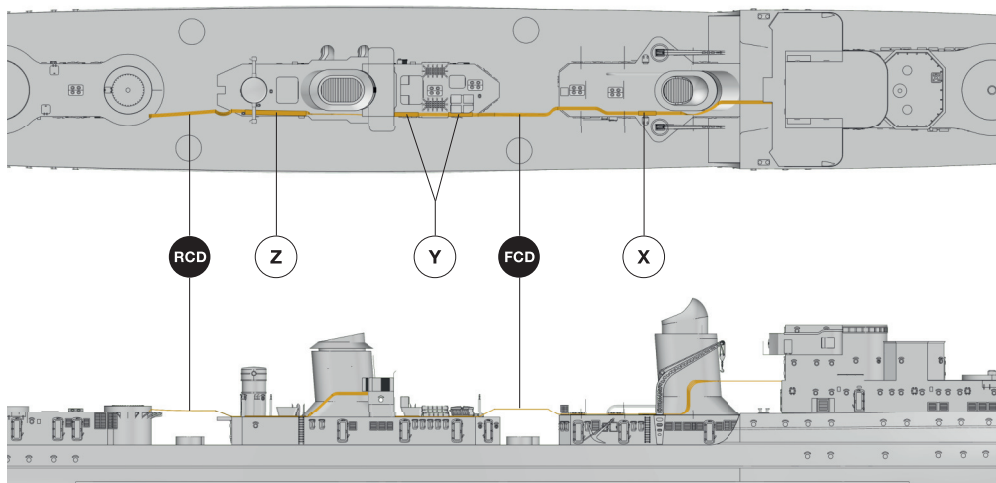
! The starboard propeller guide **32a** is placed symmetrically on the starboard of the hull.

! Parts **8, 20, 91** need to be folded in half before further use or application.

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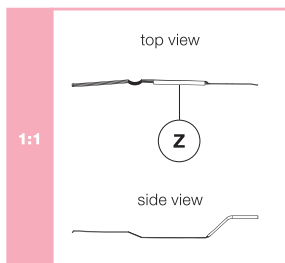
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Cable duct plan and assembly:

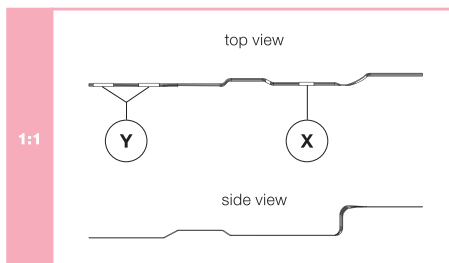


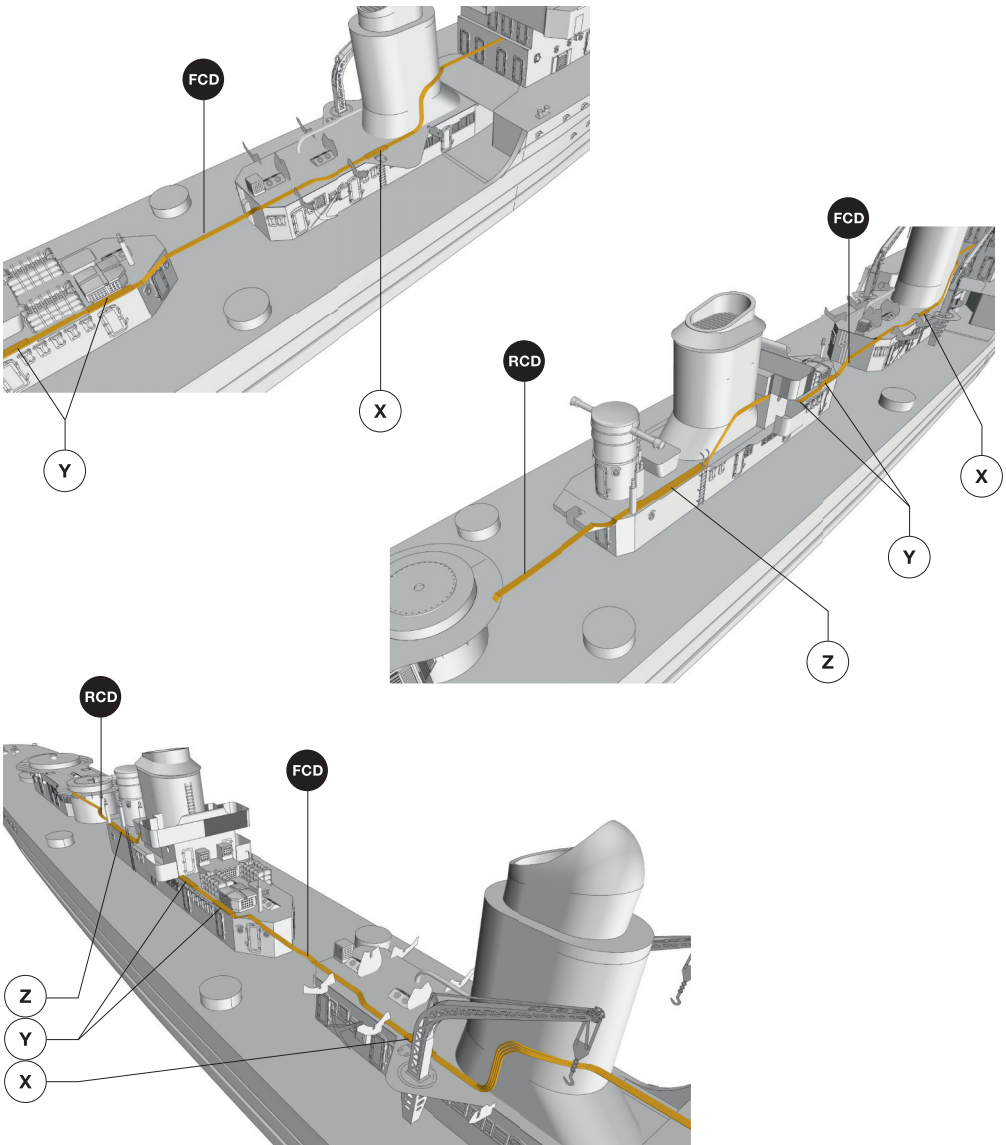
! Both cable ducts should be scratch built with four $\varnothing 0.1$ mm wires using 1:1 templates shown below.
Use photoetched parts **X**, **Y** and **Z** as partial covers of the duct.

RCD Rear cable duct



FCD Front cable duct



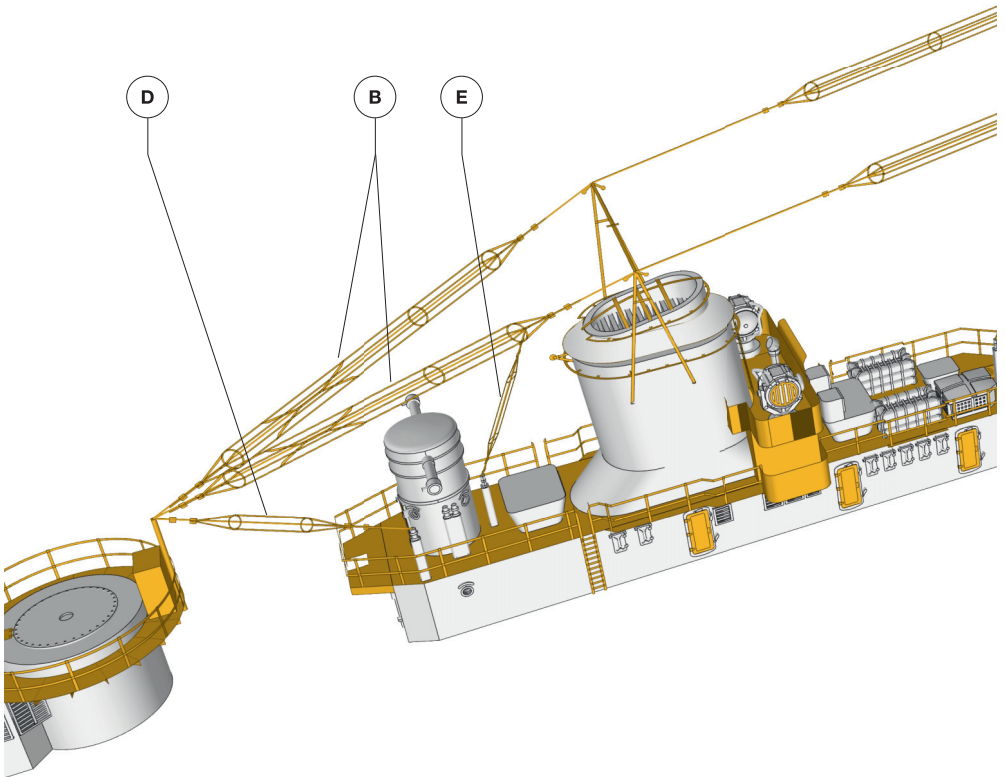


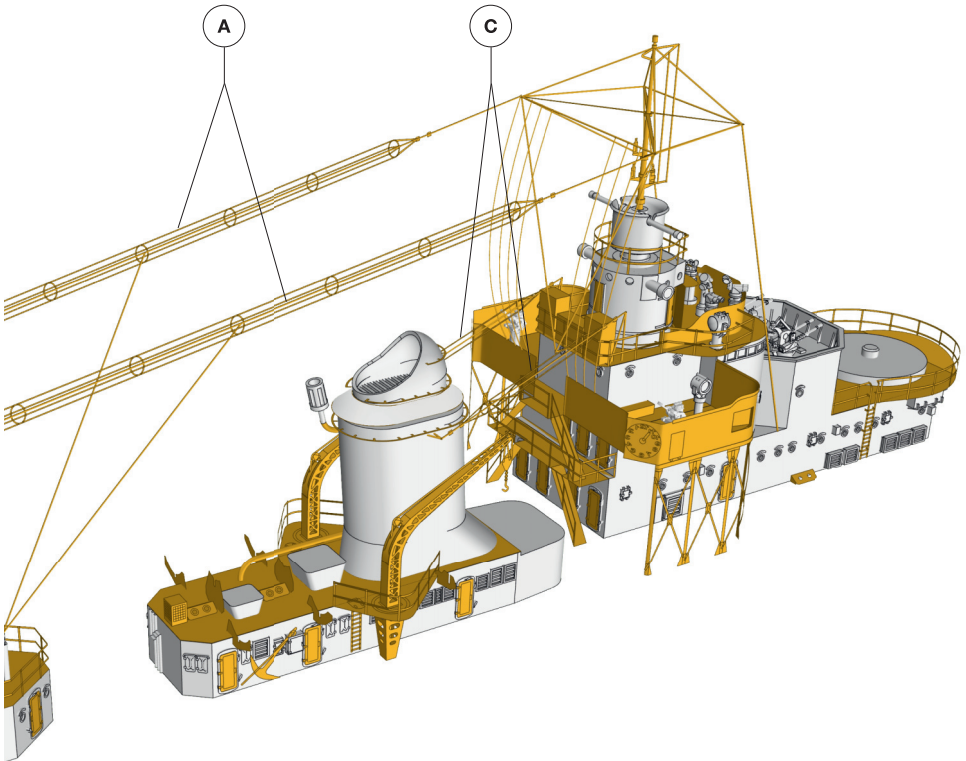
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Rigging scheme:





 It's recommended to prepare all remaining rigging using 0.06 mm wire.
Available separately as **SO70050** set in our web store.

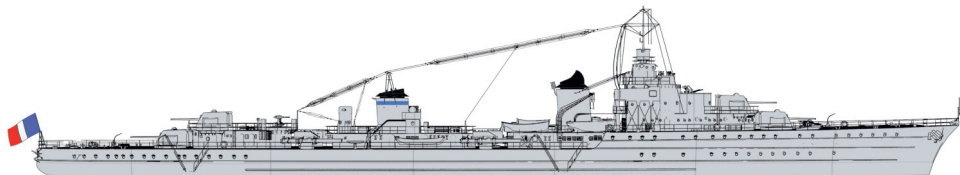
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Painting guide:

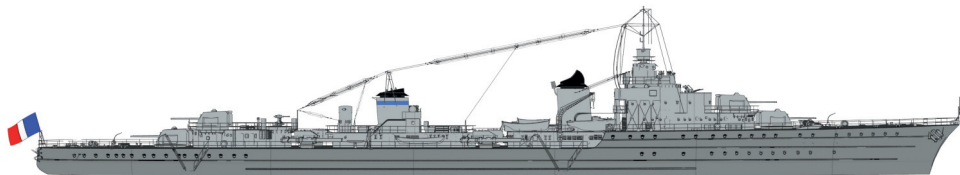
- ! As there is no formal evidence of colours used in all schemes please consider colour silhouettes shown here as our approximation. Real shades might have been different. Check your references.
- ! Blue stripe on the rear funnel was used on both Mogador and Volta from April 1939. During summer of 1940 the stripes were removed and they returned later on.
- ! The upper caps of both funnels were black at all times. The top part of ship kitchen's uptake (**U5**) was also usually painted black.

Mogador, Volta early service period and mid 1930s



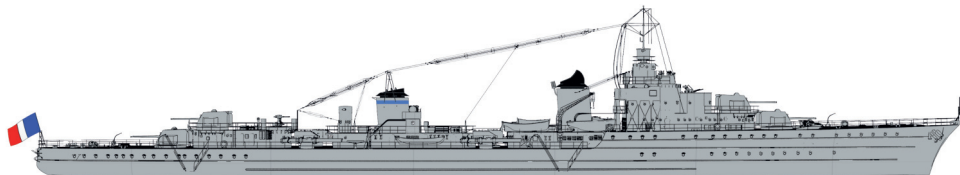
All vertical surfaces: *Light Grey #1* according to CM74 directive dated at Nov 1929 (5% Blue, 15% Black, 80% White); initially no codes on the hull, later both of their white versions.

Mogador, Volta late 1930s and early 1940s

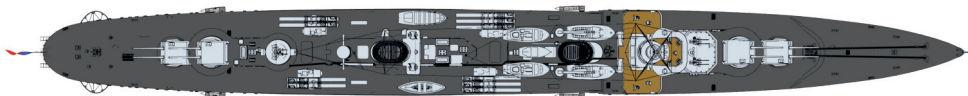


Hull vertical surfaces: *Atlantic Dark Grey* (5% Blue, 55% Black, 40% White); other vertical surfaces: *Medium Grey* (5% Blue, 35% Black, 60% White); large white codes on hull.

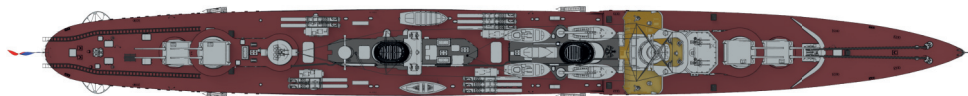
Mogador, Volta since mid 1940s



All vertical surfaces: *Medium Grey* (5% Blue, 35% Black, 60% White); large red codes on hull since early 1940.

Mogador, Volta – horizontal surfaces version 1

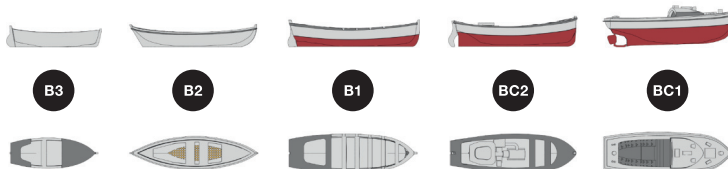
All decks and deck fittings: *Deck Grey* (5% Blue, 70% Black, 25% White); gratings – oiled teak wood.

Mogador, Volta – horizontal surfaces version 2

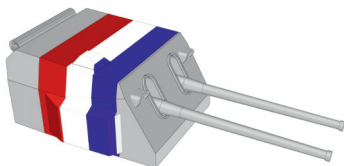
Main deck and front and stern superstructures decks: Linoleum (red-brown). Decks of superstructures amidships and all deck fittings: *Deck Grey* (5% Blue, 70% Black, 25% White); gratings – oiled teak wood.

All boats were painted using the colours of the ship vertical surfaces used during the specific period. In the early service period both cutters (**BC1** and **BC2**) as well as boats **B1** and **B3** had some horizontal surfaces painted using *Atlantic Dark Grey*. The remaining surfaces were painted using *Light Grey* #1. Later both *Atlantic Dark Grey* and *Medium Grey* colours were used for all upper surfaces of all boats. The underwater parts of both cutters as well as of **B1** boat were painted anti fouling *Dull Red*. Use the scheme shown here for the detailed colour placement.

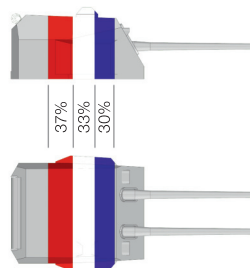
! Boat **B2** was fitted with grating deck kept in natural wood finish.



The national colours on the main gun turrets were seen on Volta only. Since July 1939 the *Tricolour* stripes were painted on turrets MT2 & MT3. Beginning with early 1941 (most probably) – on turrets MT2 & MT4.



! The *Tricolour* stripes were of uneven proportions. See the detailed scheme below.



SO70025

1/700 French Destroyer Mogador / Volta Highly Detailed Waterline Resin Kit



Shelf Oddity

Markings guide:

Early service period: starboard*

Early service period: port side*

Since April 1939

Since early 1940

*dash in the suffix on the side number
denotes the Atlantic period of service

Early service period

Later service period

Mogador

-4

4-

X61

X61

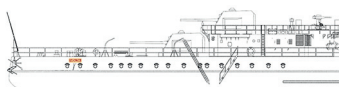
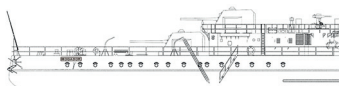
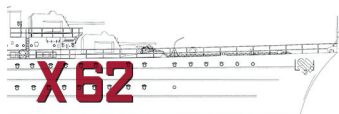
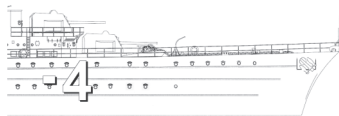
Volta

-5

5-

X62

X62



The artillery clocks were of two kinds. It seems that Mogador used the 'dashed' type and Volta – the 'digit' one. Check your references when selecting the clock version.

The morale boosting placards were common on *Marine Nationale* ships but there are not many photographs depicting their use on Mogador and Volta. Again – check your references.

