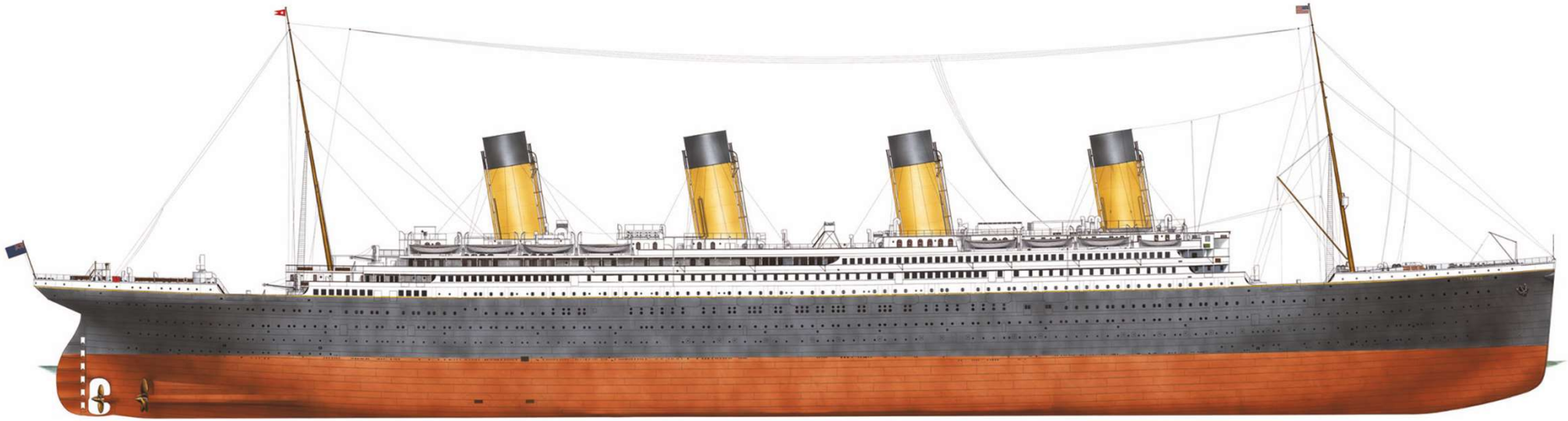
Hahn Titanic Plans



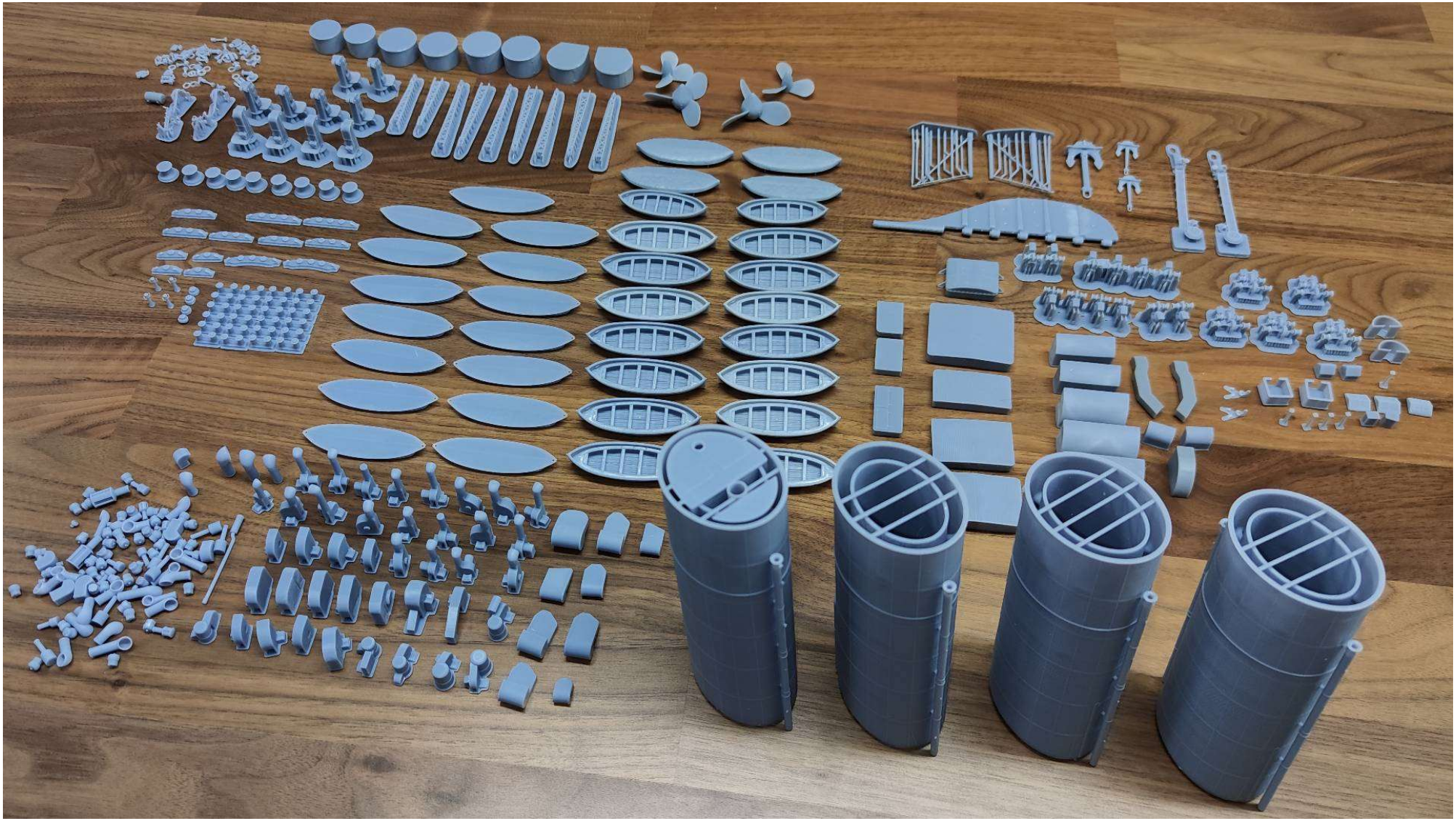
3D Printed Parts

2023

Content

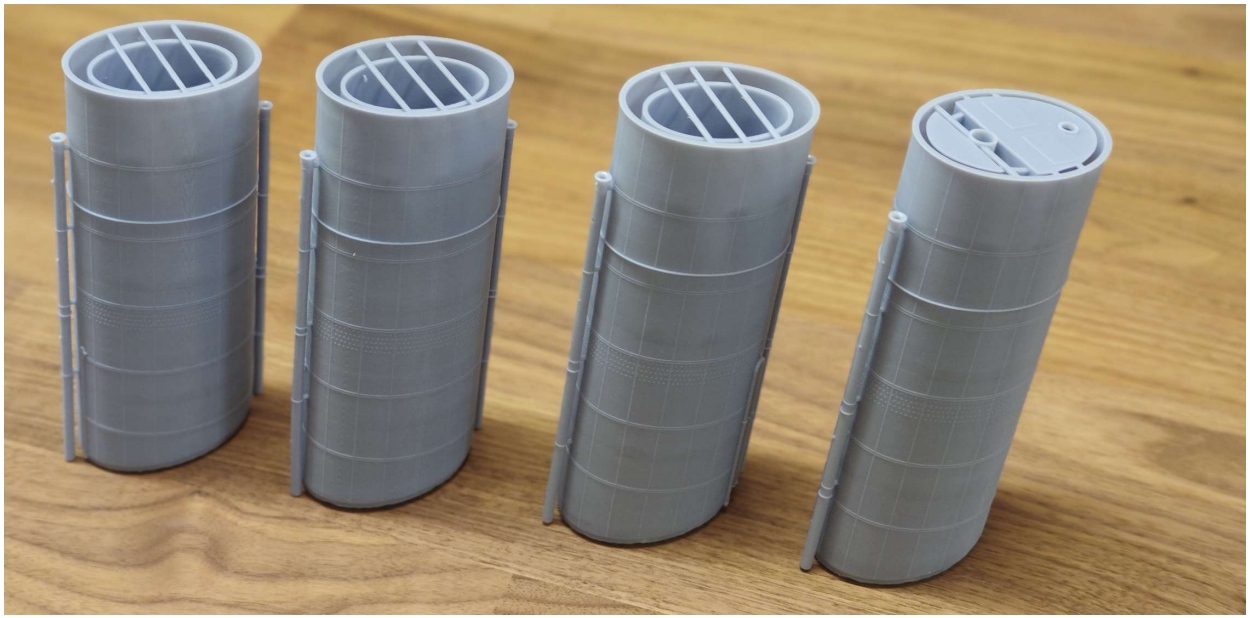
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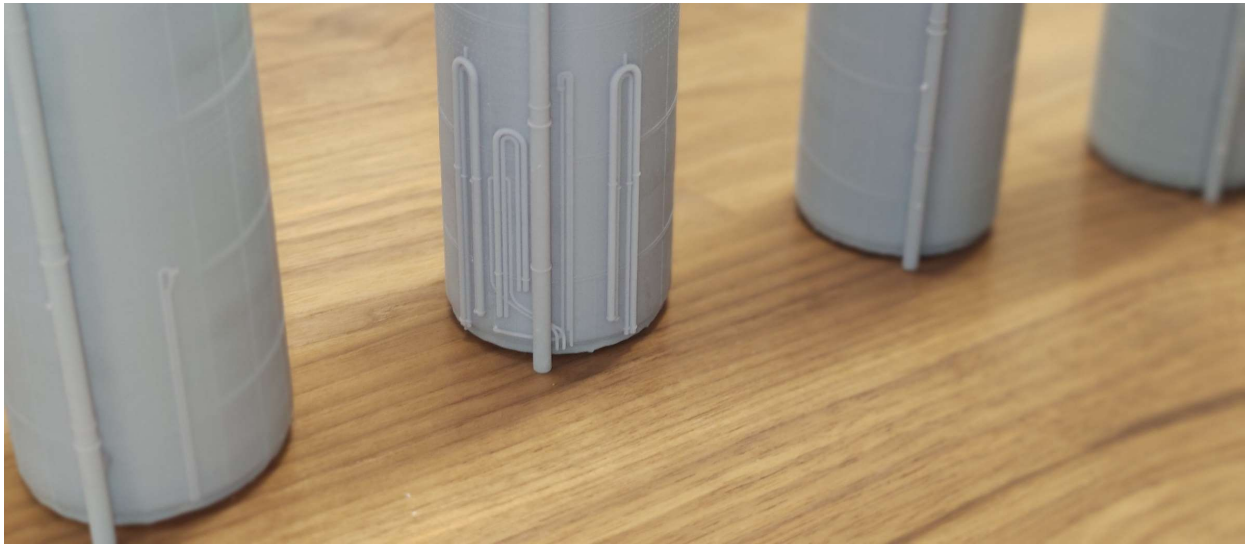
Overview and Impressions



The set consits of approx. 340 parts in total plus some extra parts!

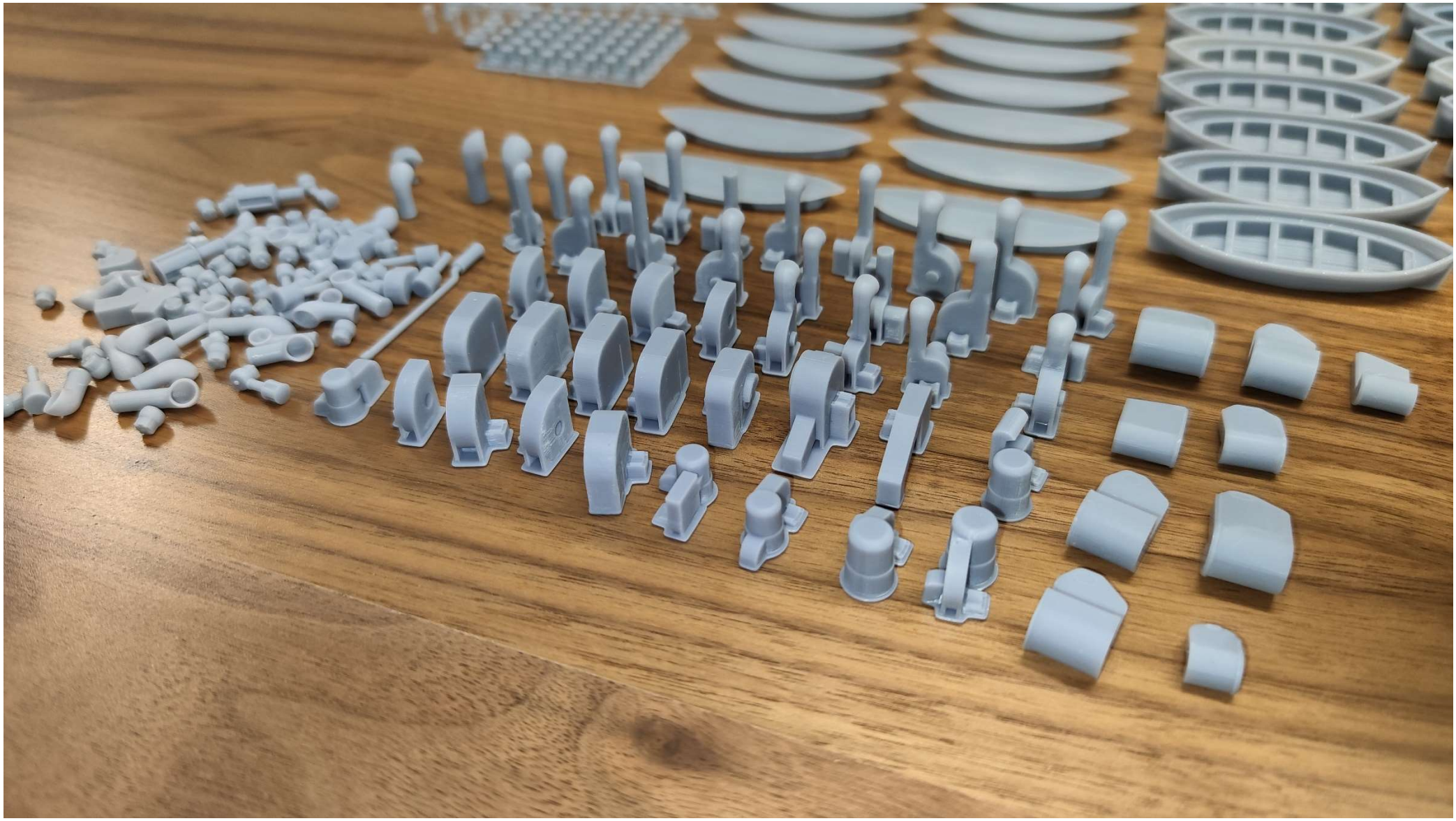
Overview and Impressions



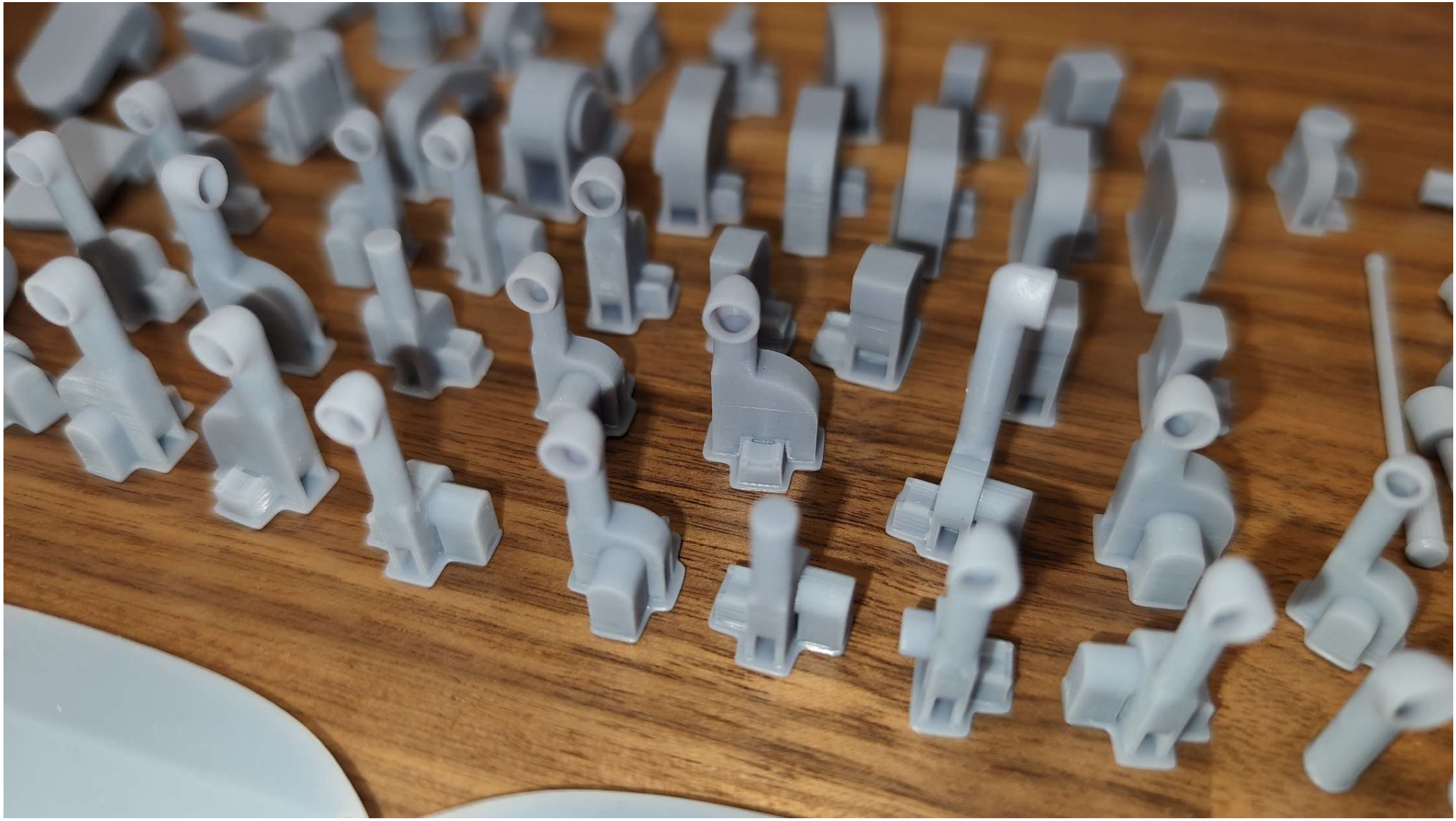




Overview and Impressions

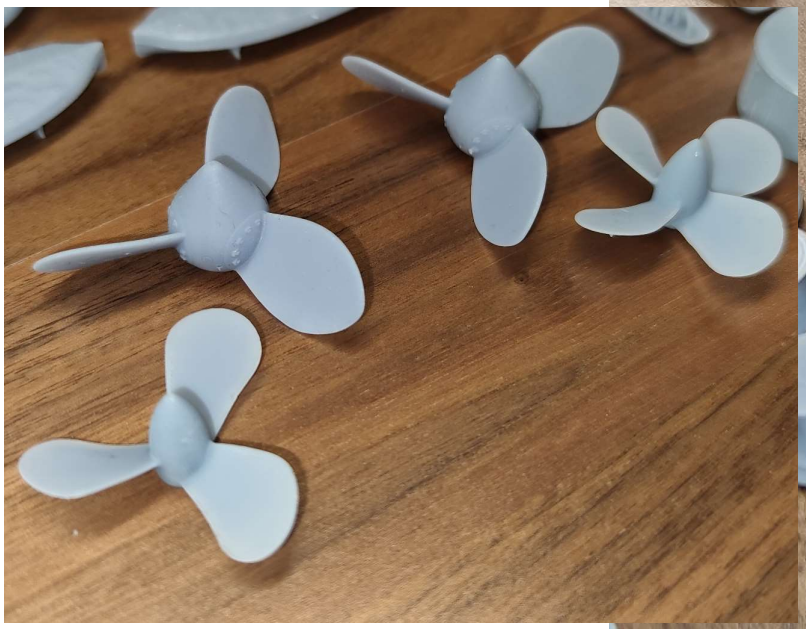


Overview and Impressions



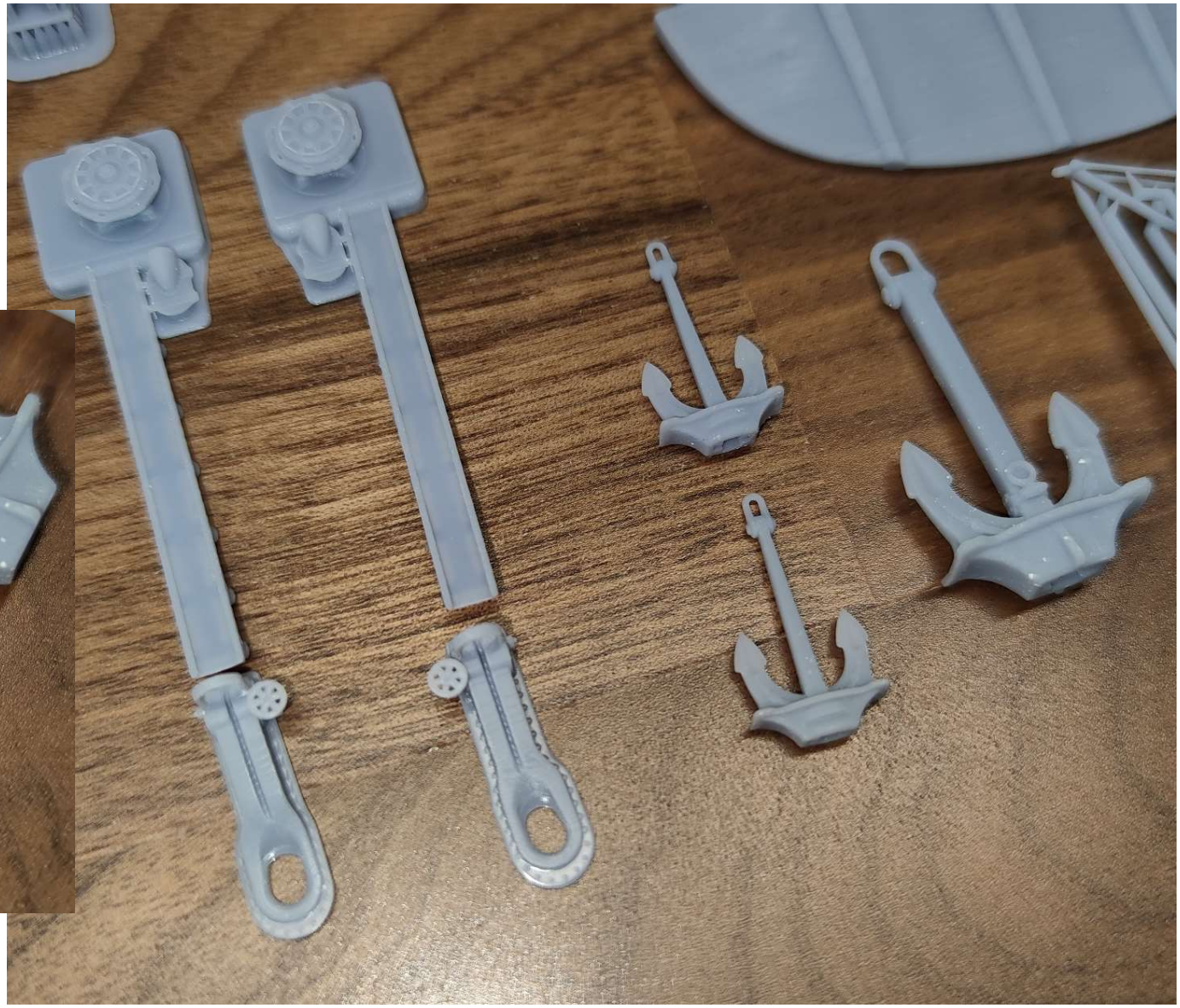
Overview and Impressions





Overview and Impressions





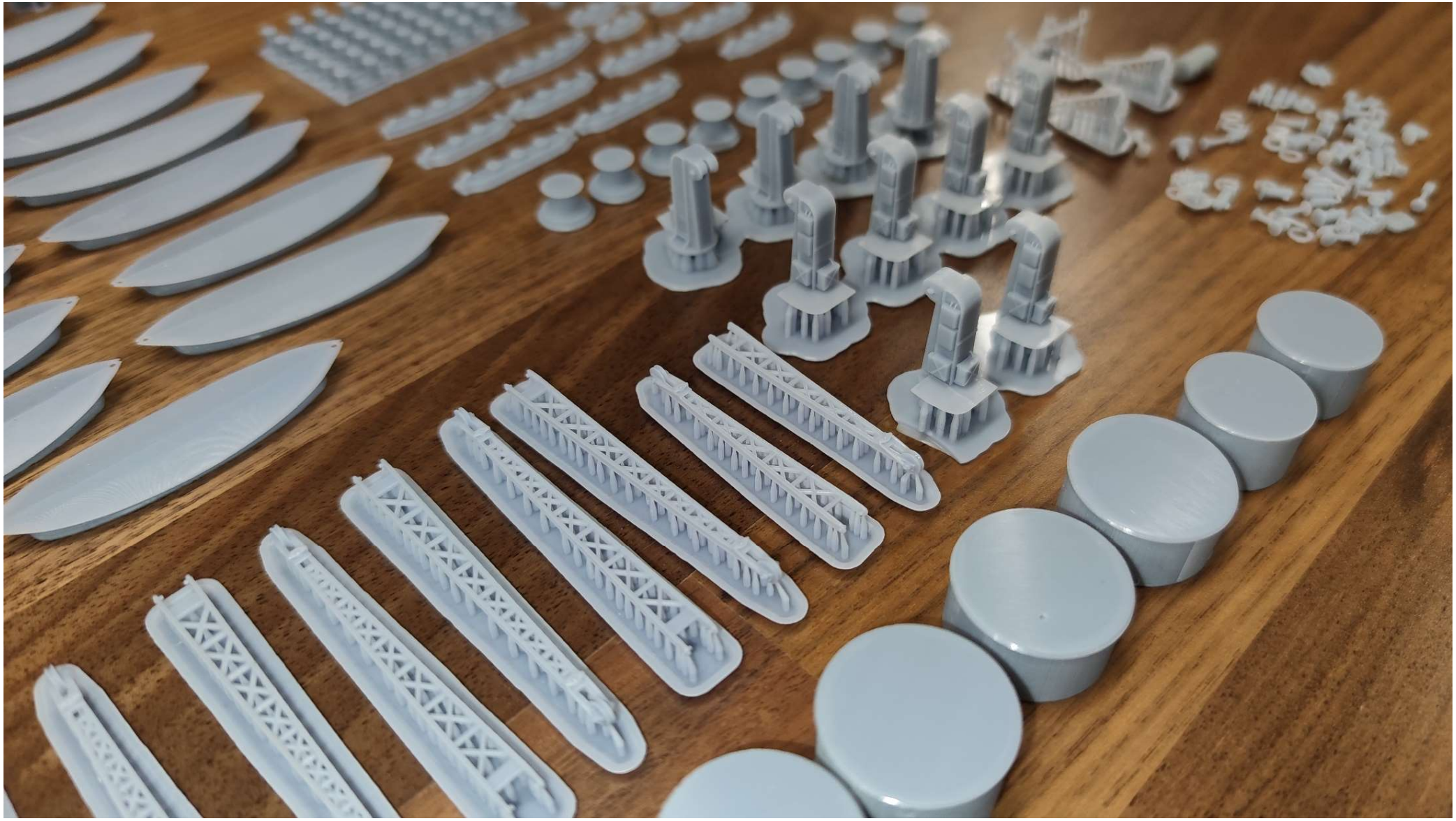
Overview and Impressions



Overview and Impressions



Overview and Impressions



1. General Information

PLEASE READ THIS PAPER CAREFULLY BEFORE YOU START WORKING WITH THE PARTS;
SPECIALLY IF YOU HAVE NOT YET WORKED WITH 3D PRINTED PARTS BEFORE!

If you find a damadged part in the set, damadge one by yourself or have lost one, please send an email to Hahn@titanic-plan.com and you will receive the parts for free (except shipping).

Some parts, like fragile ones or very smal ones will come with spare parts. You also will find a sack with Test-parts with which you can make glueing or painting tests.

Be aware the resin is fragile. Do not try to bend parts to much.

Some parts come with their supports still attached. Use a sharp knife to cut the supports under a magnifier. At other parts I already cut the suports for washing. At those you might find little micro ditches in the parts, where the supports have been attached. In most cases those ditches are at areas which will not be visible on the part but if necessary they can be filled with filler and sanded. Apply the filler (best nitrobased or acryllic filler) with a brush.

Other parts have been printed directly without supports. Those show a little „foot“ which has to be sanded with a pliar. Supports or the foot can not been avoided with 3D printed parts.

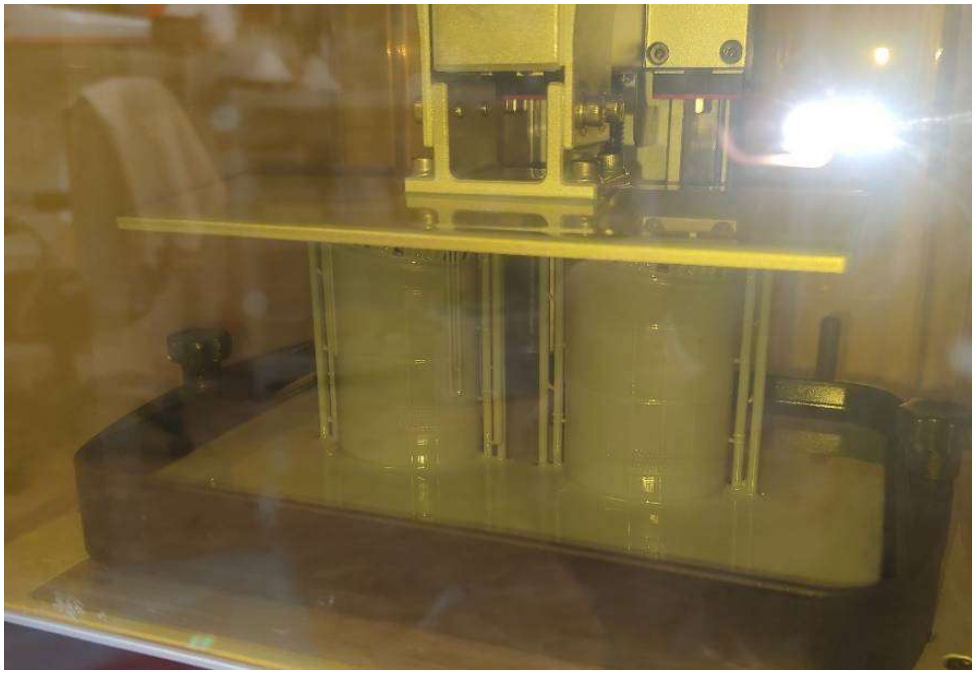
All parts have been washed with alcohol after print, so they can be painted directly without any additional cleaning.

1. General Information

Here you see some examples how the parts are being printed for better understanding of the process.



Funnels after printing and washing with supports still attached



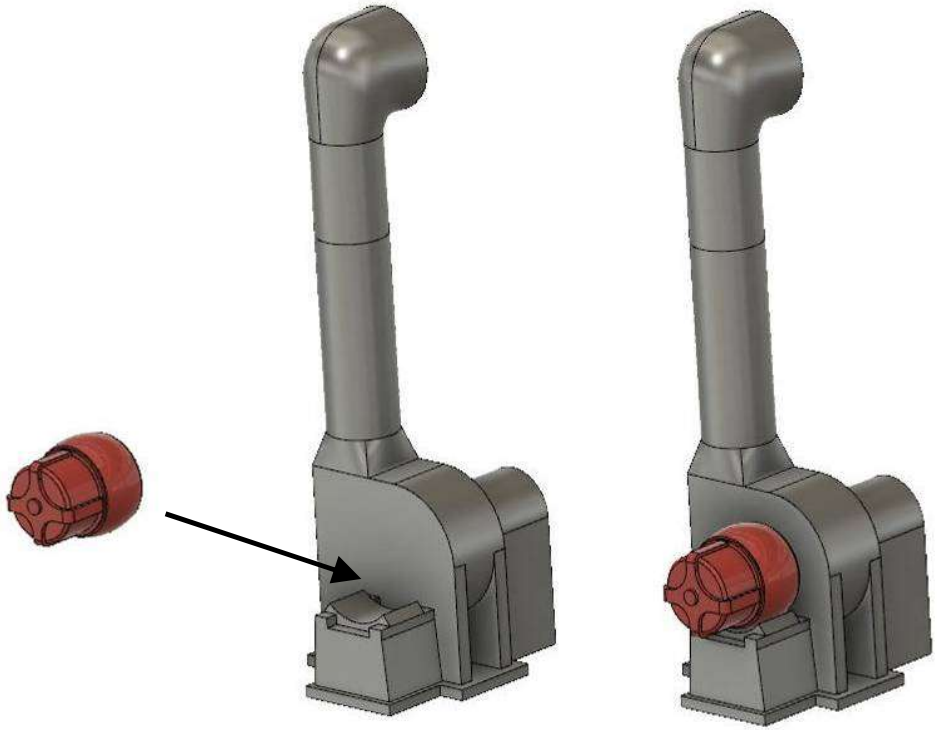
Funnels during printing



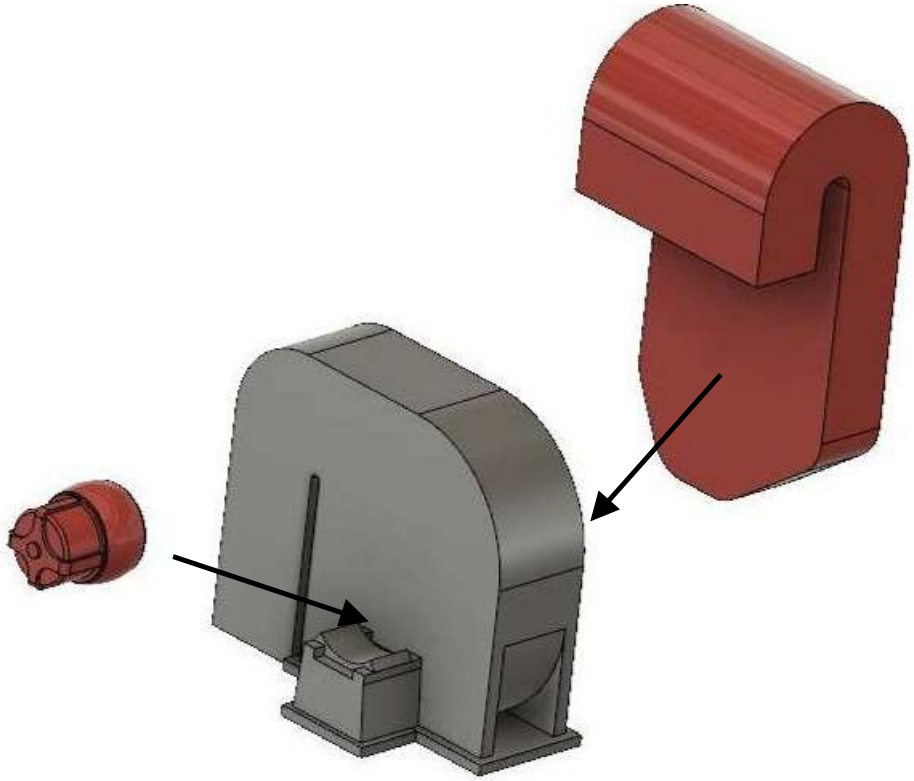
Anchors after printing before washing

2. Ventilators

Before you start check all ventilators with their number against the plans. Please note vent #42 could not been printed and is not in the set. Create this vent from a piece of 0,5mm wire. Gratings from the photoetch set can be applied to the vents.



All the electric motors have been printed seperately to increase part quality.



Some ventilators with big intakes have those as seperate parts as well. Use the plans for correct placement

3. Funnels – Funnel 1 & 2

The funnels show all rivets, the little water pipes on the side and the big steam pipes.



Funnel 1

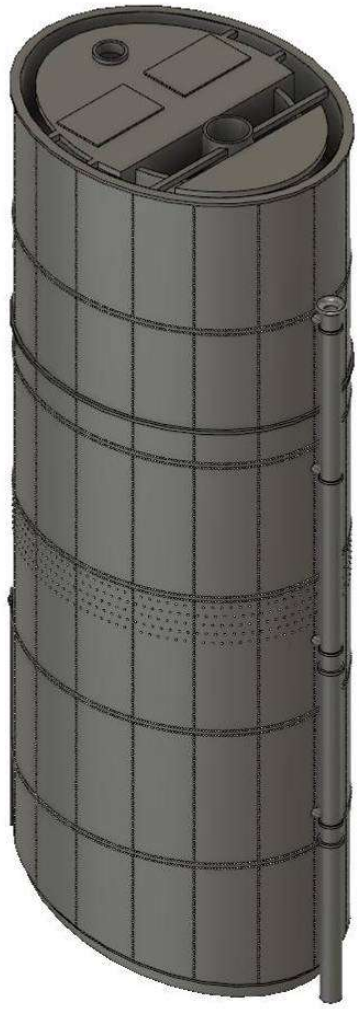


Funnel 2

3. Funnels – Funnel 3 & 4



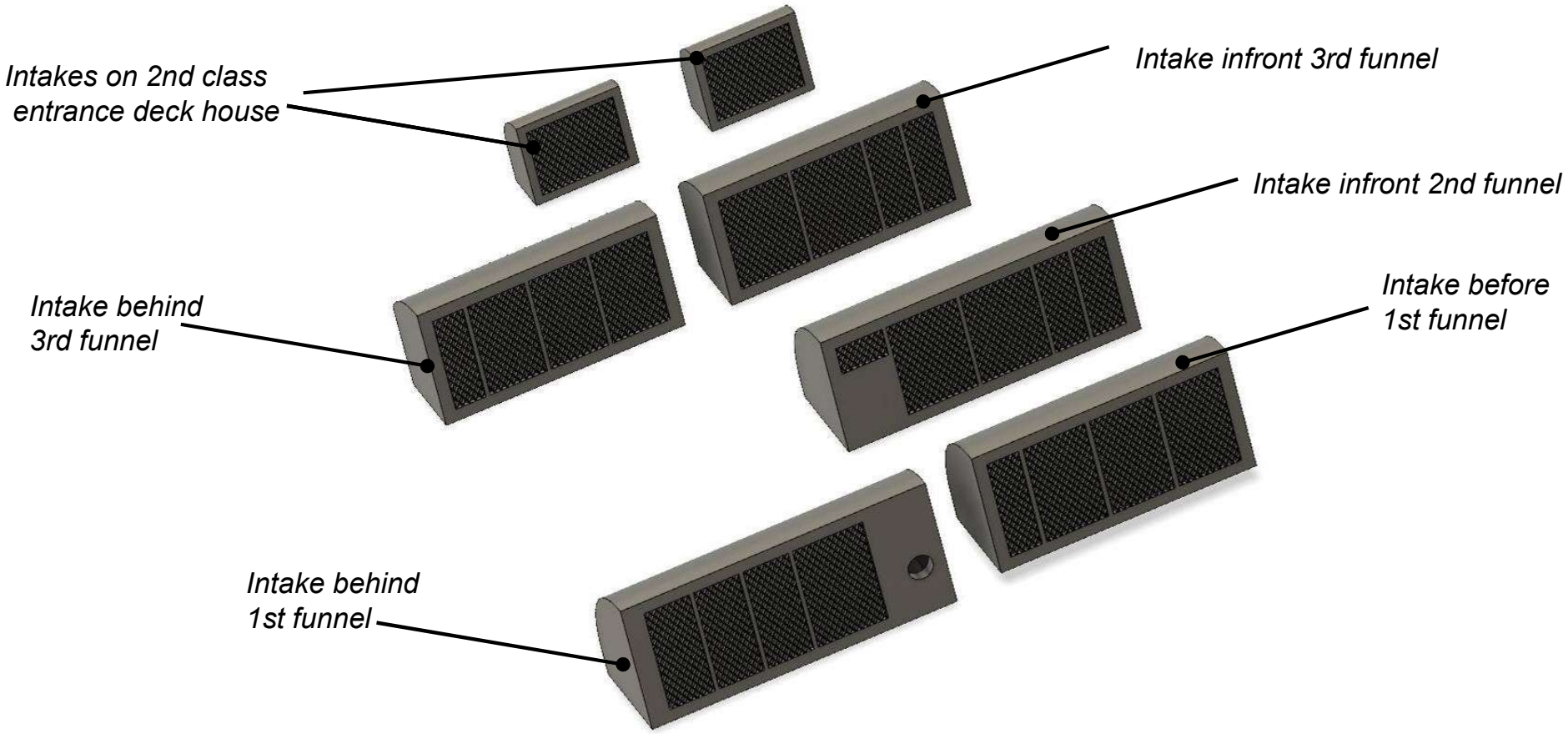
Funnel 3



Funnel 4

4. Air Intakes at Funnels

The set covers all the air intakes at the funnels and on the second class entrance deck house rear on the Promenade deck. The intakes already have the gratings included but can be sanded if prefered to be fitted with the gratings from the photoetch set.



5. Cranes

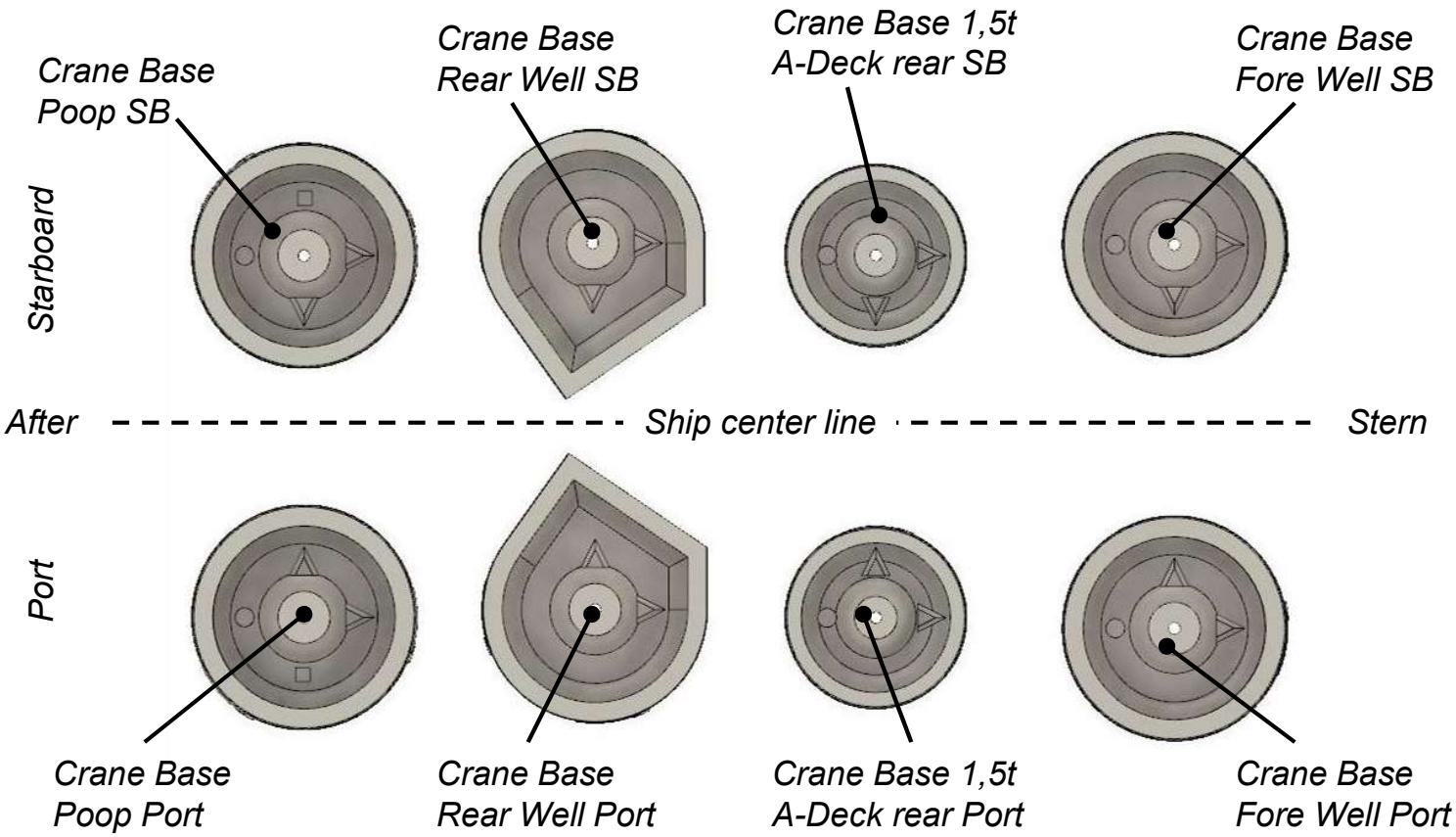


Drill the holes in the crane bases and housings and use a little nail as axis.



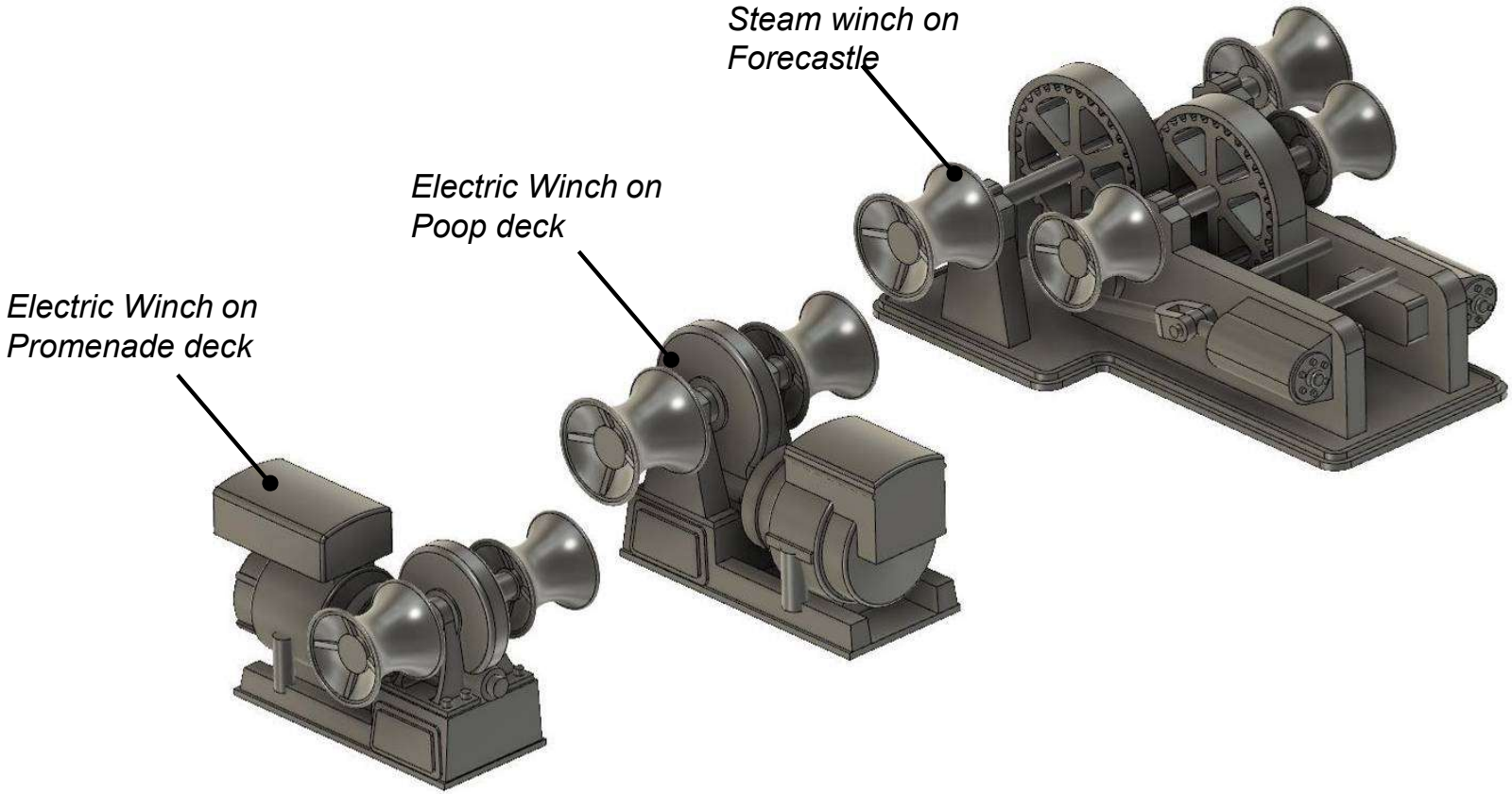
5. Cranes

Check the inner of the crane bases for the correct symbols to identify the position on the ship. With the correct orientation, the doors on the basses will be in the right place.



6. Winches

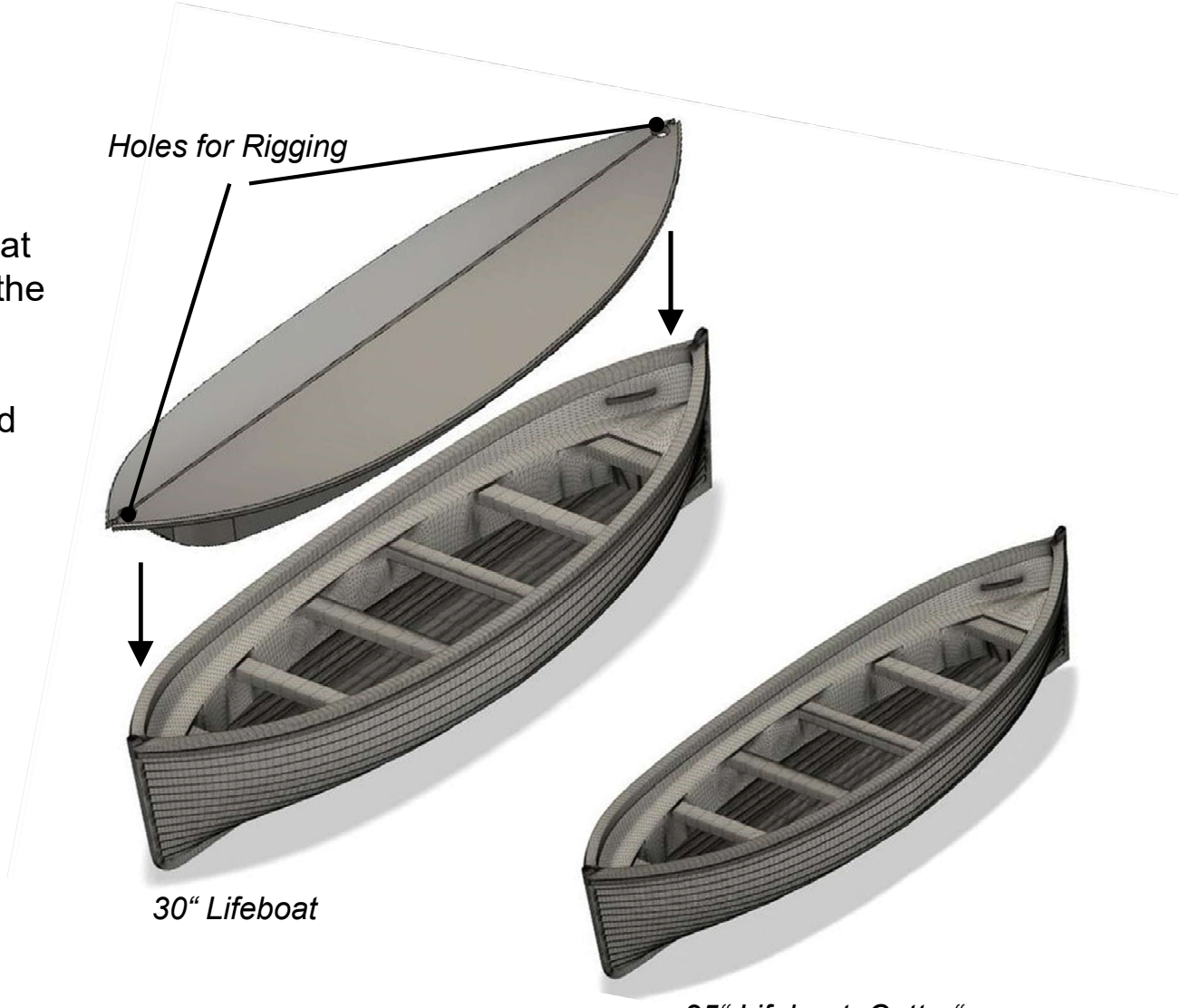
In total we have three different winches on Titanic. The three steam winches on the Forecastle at the mast and the elelctric ones on the Boat deck and on the Poop deck, which are both differently.



7. Lifeboats

The 30“ lifeboats come with seperate canvas covers. Those show a little hole at bow and stern for applying the riggig to the Welin davits.

The rope around the side of the boat and the blocks are included in the photoetch set.



30“ Lifeboat

25“ Lifeboat „Cutter“

7. Lifeboats

The 4 Engelhart colapsible lifeboats have been printed upside down so you need to fill and sand the little ditches of the supports in the canvas covering.



8. Anchors

The set comes with the 15t main anchor, the side anchors, the little kedge anchors from the Forecastle and Poop deck and the little crane for the main anchor.

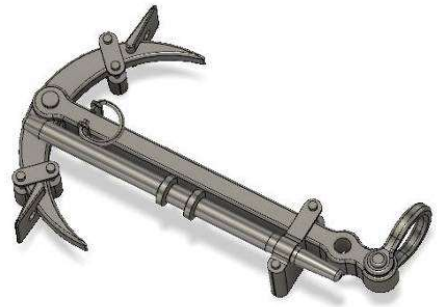


Main anchor



Side anchor

Kedge anchor on Forecastle





Kedge anchor on Poop deck

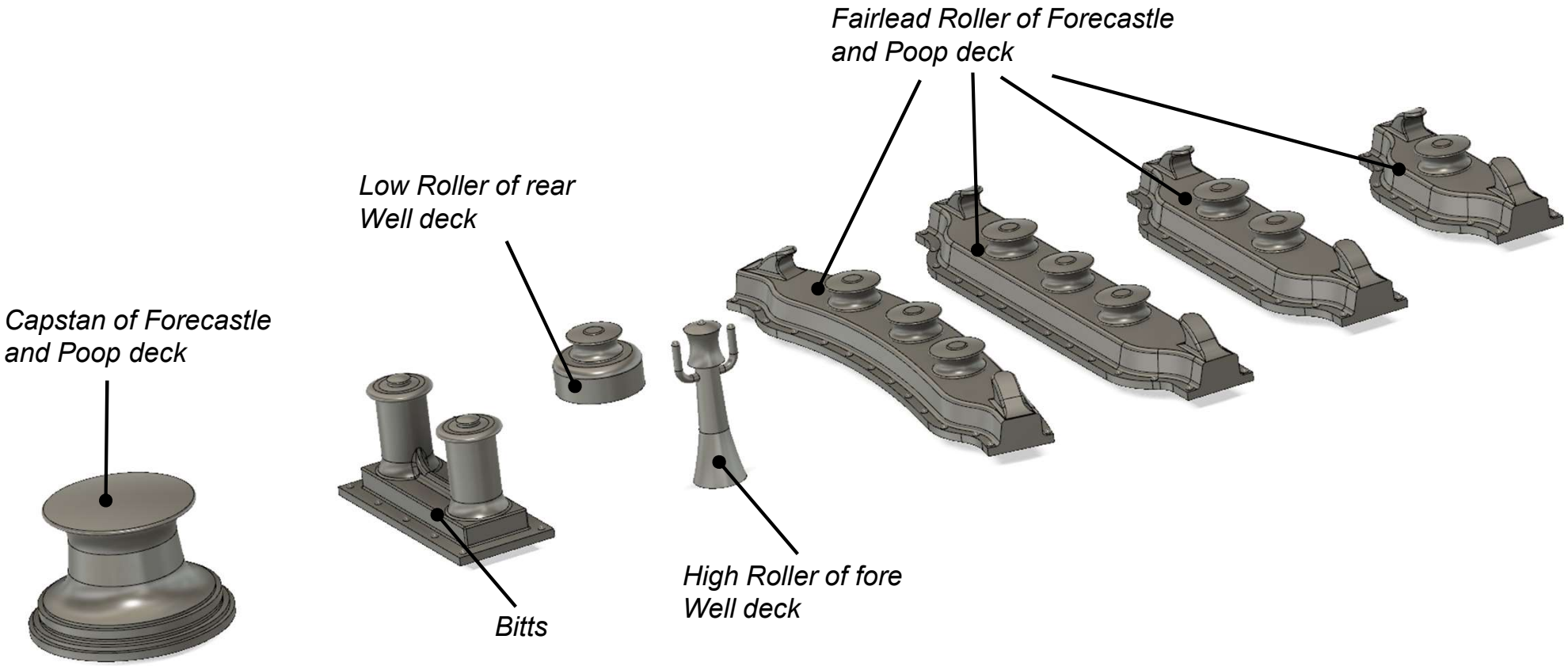
8. Anchors - Anchorcrane





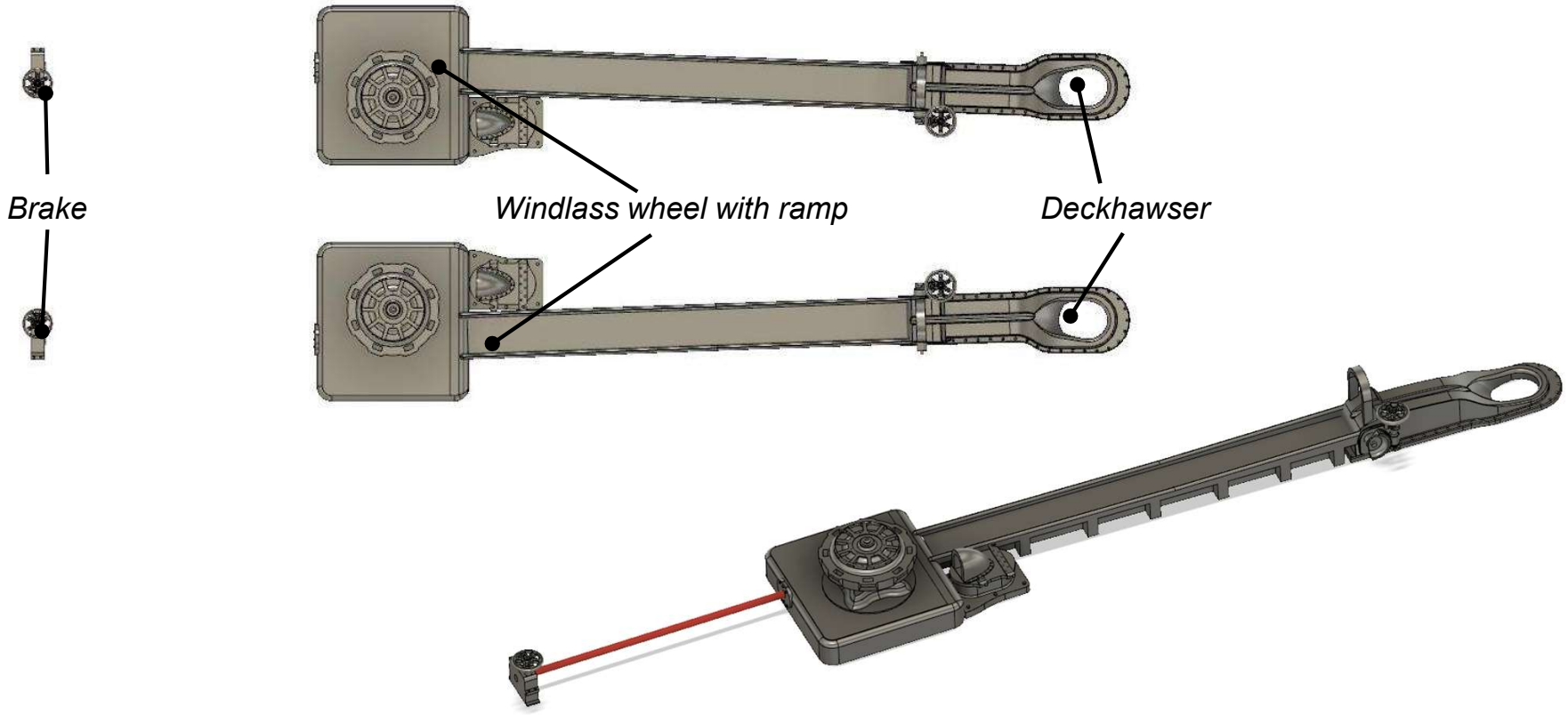
9. Bitts, Capstans and Fairlead Rollers

The set has all bitts, capstan and Rollers shown in the plans. Use the plans for correct placement



10. Windlass

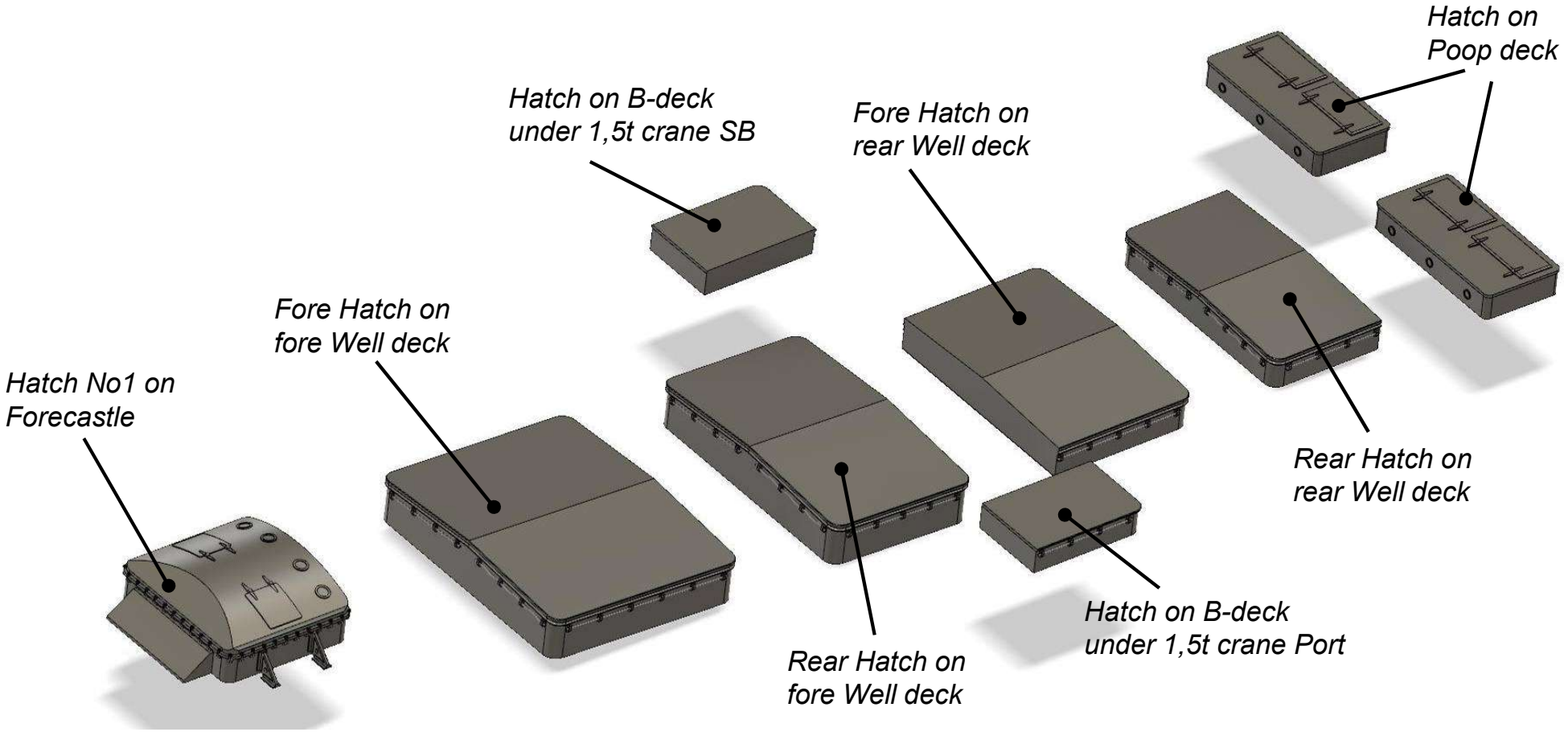
The windlass consits of three parts. The brake, the windlass wheel with the chain box and ramp and the deck hawser as the third.



Place a little axis (0,5-0,6 mm) between the windlass base and the brake as shown in the picture.

11. Hatches

Set consits of the Hatch No1 on the Forecastle, the hatches on the fore and rear Welldeck and the little hatches on B-Deck at the 1.5 ton cranes.



12. Propellers

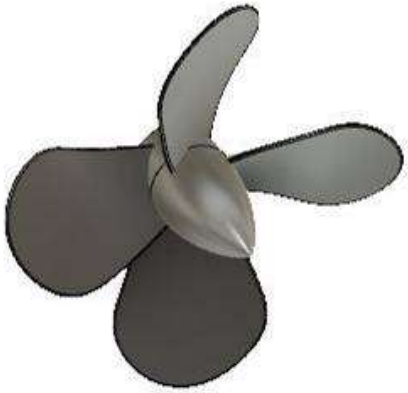
The set includes both outer props with different orientation and the two different possible types of the center prop, a three- and a four-bladed prop. Till today there is still a controversy, how the center prop of Titanic looked like. We know the Olympic at the beginning had a 4-bladed prop but we also know from Thomas Andrews notebook, that this was changed later to a 3-bladed prop with a slightly increasing diameter. If this already took place on Titanic…no one knows for sure. Make your decision.



3-bladed Prop on SB



3-bladed Center-Prop



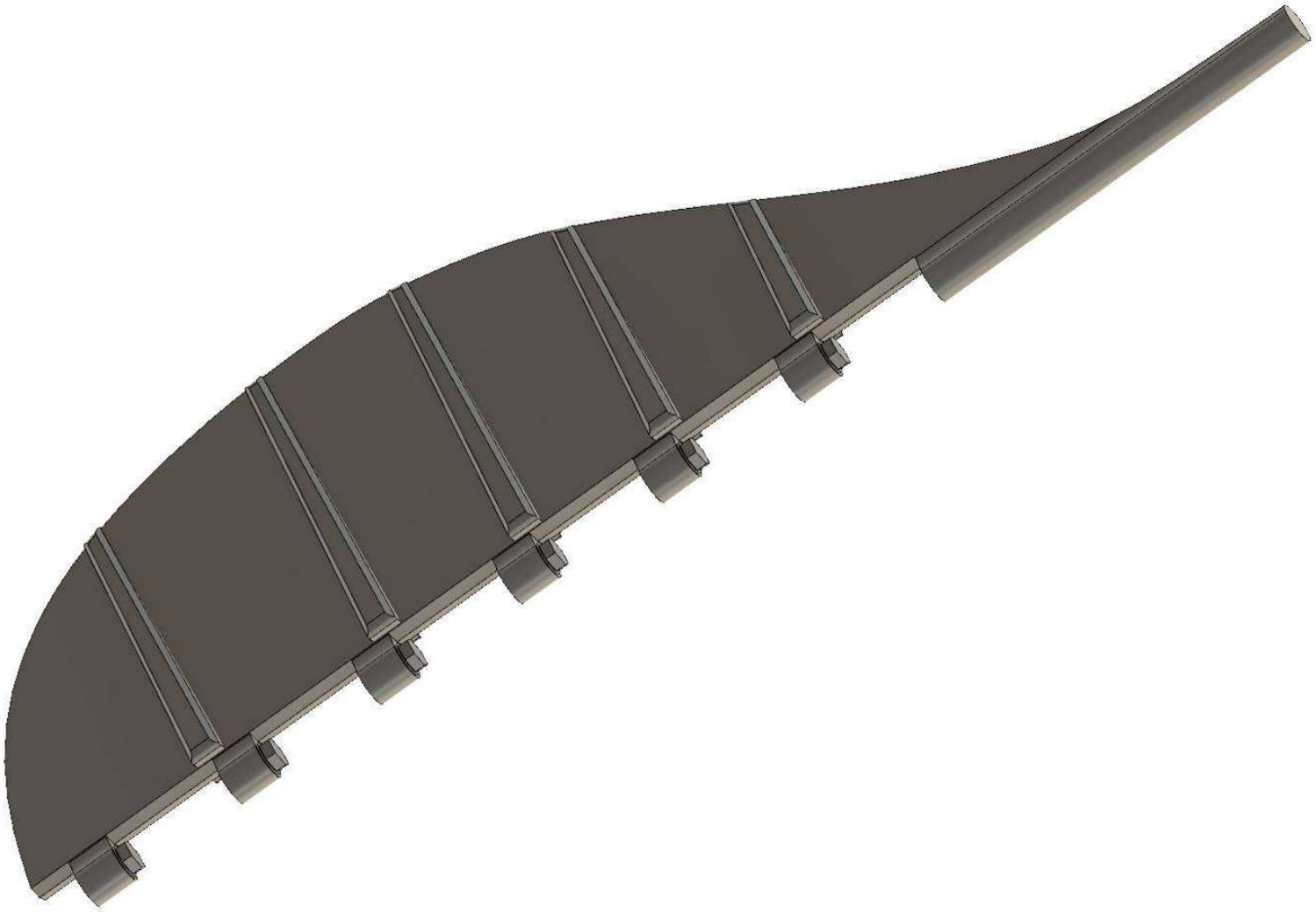
4-bladed Center-Prop



3-bladed Prop on Port

The propellers are for display only.

13. Rudder



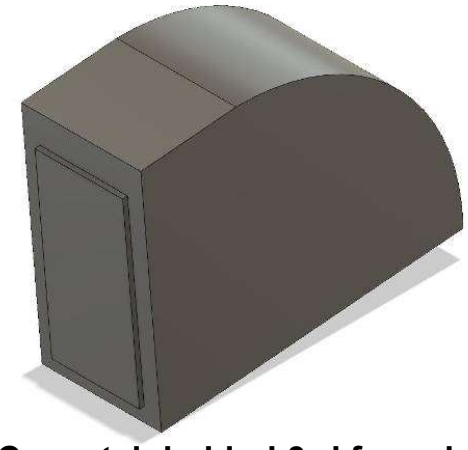
14. Supplementary Parts



Compass tower
1 piece



Crowsnest
1 piece



Crewstair behind 3rd funnel dh
1 piece



Winch covered on Poop and Focsl
2 pieces



Winch covered on Poop
1 piece



Lord Kelvon sounding machine covered
2 pieces

14. Supplementary Parts



Lifering
20 pieces
Sack #99



Object B-deck fore
1 piece



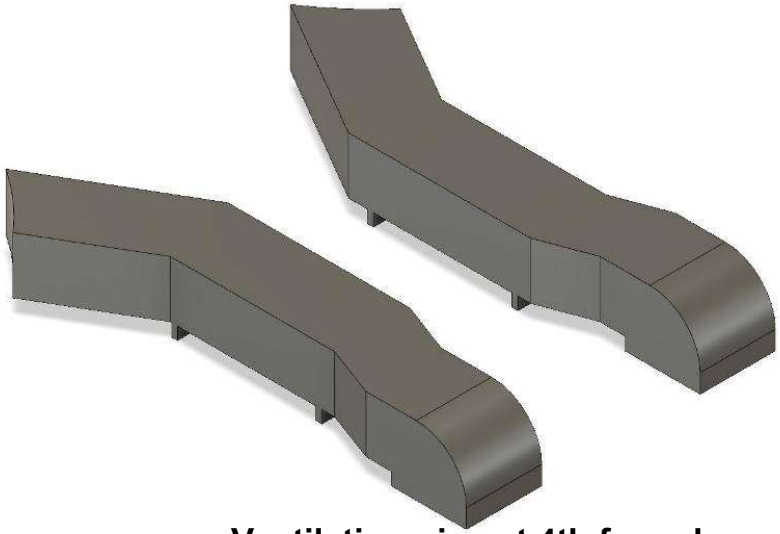
Watertank behind 1st funnel
1 piece



Steam control wheel
8 pieces



Steam whistle at funnels
4 pieces



Ventilation pipe at 4th funnel
2 pieces

14. Supplementary Parts



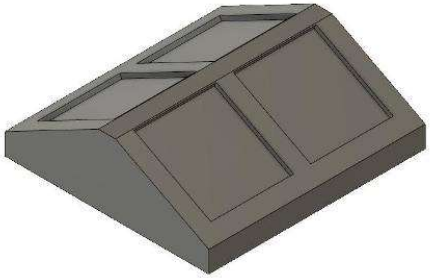
Compas
3 pieces



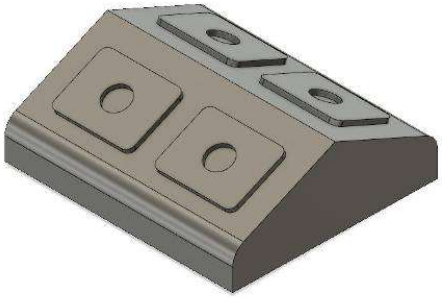
Machine Telegraph
6 piece



Post of steering wheel*
2 piece



Skylight officer quarter
2 pieces



Skylight on Forecastle
1 piece



Telephonebox
5 pieces

*The steering wheel itself could not been printed

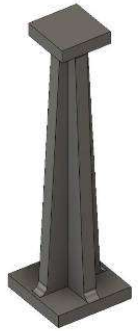
14. Supplementary Parts



Bell big at fore mast
1 piece



Bell small at crowsnest and bridge
2 piece



Post at bridge
2 piece



Casting at stem
1 piece