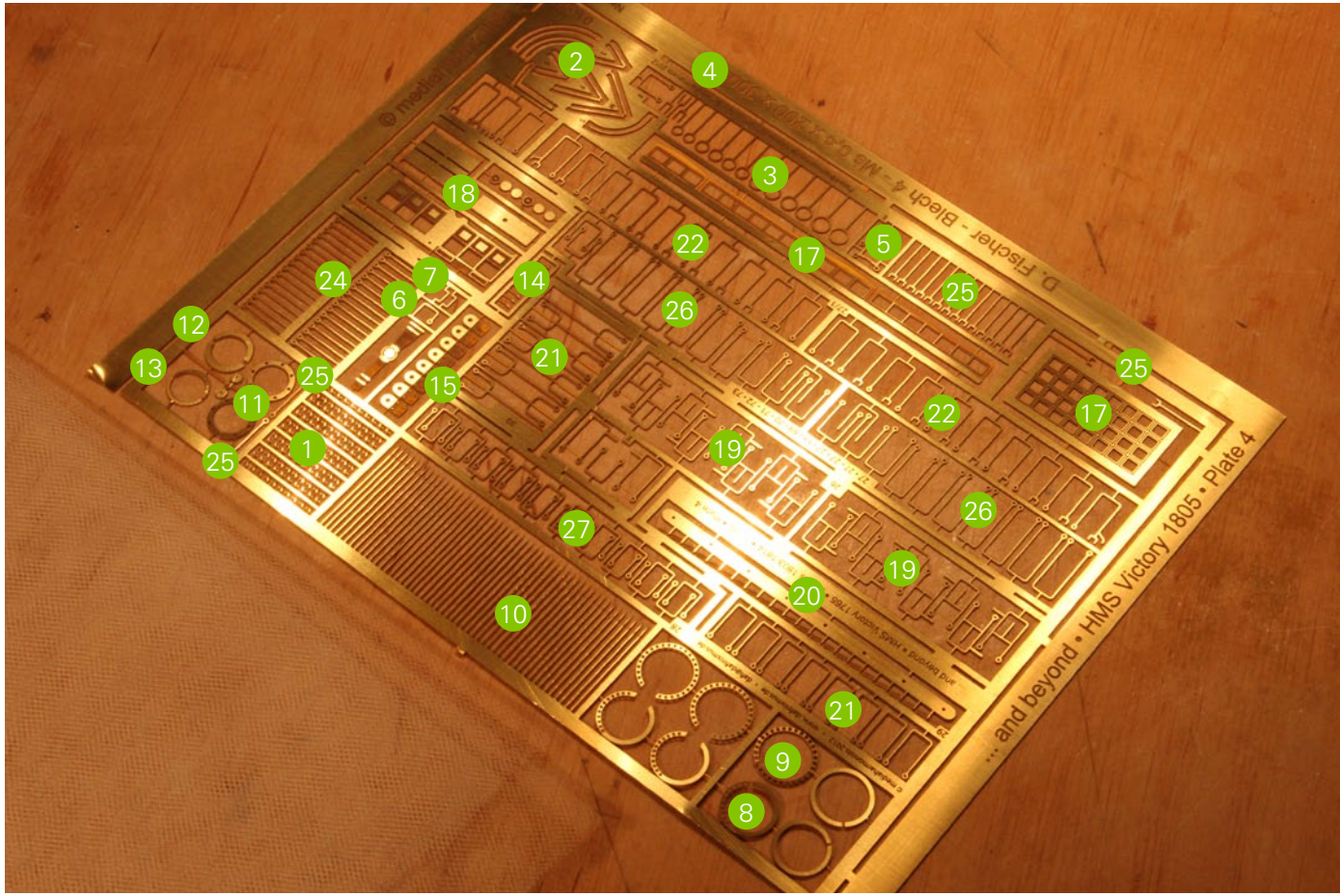
Plate 4

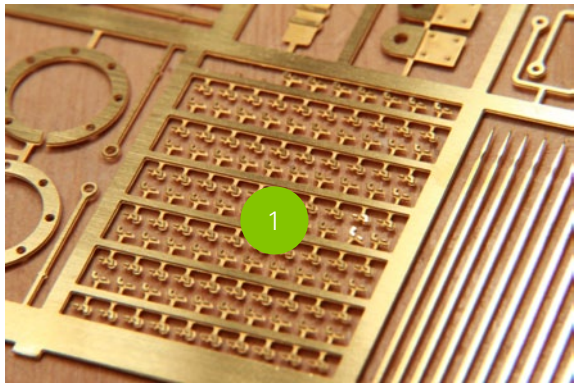
Decks

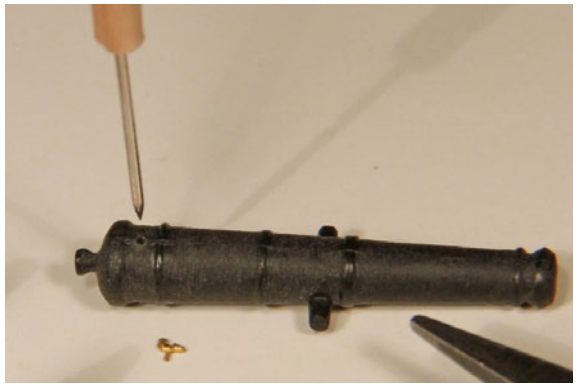


Required tools

Plate 4

Gun locks





Do not cut the small link from the lock to the fret as it provides good help for fitting it.

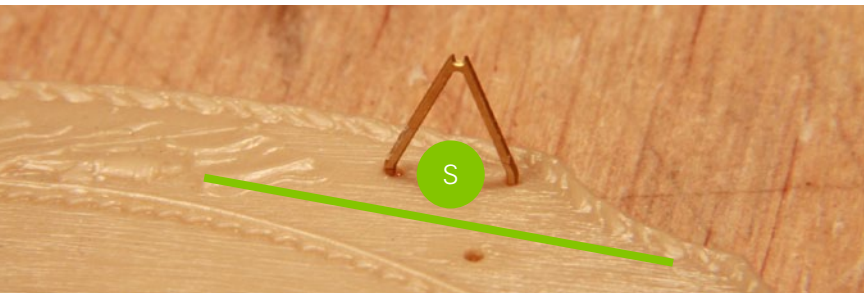
Do not drill a hole as fixing point but simply punch it using a needle.

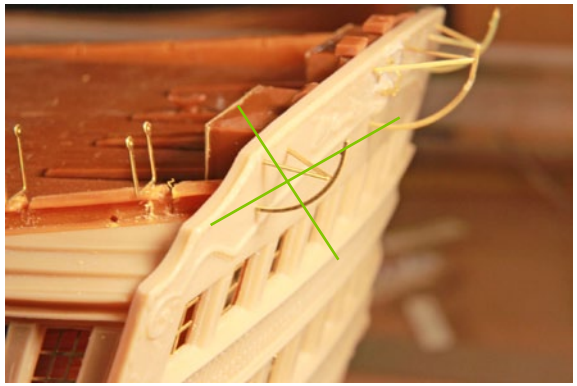
Use electro pliers instead of tweezers as this reduces the risk of parts flying into parallel universes. Secure with some CA.

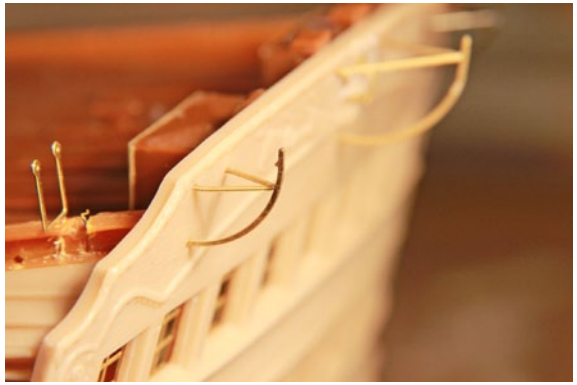
Plate 4

Lantern fittings

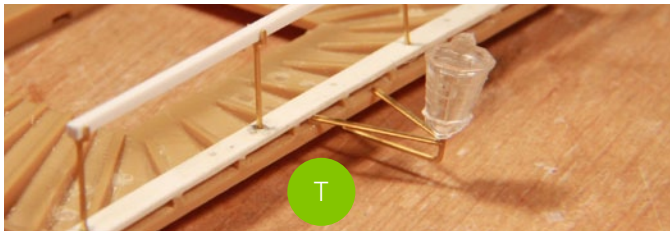
M = middle lantern
S = side lantern
T = fighting top lantern
Attention: The legs of the side lanterns are not symmetrical. Look for the right orientation!







The horizontal legs have to be horizontal *after* fitting the stern.



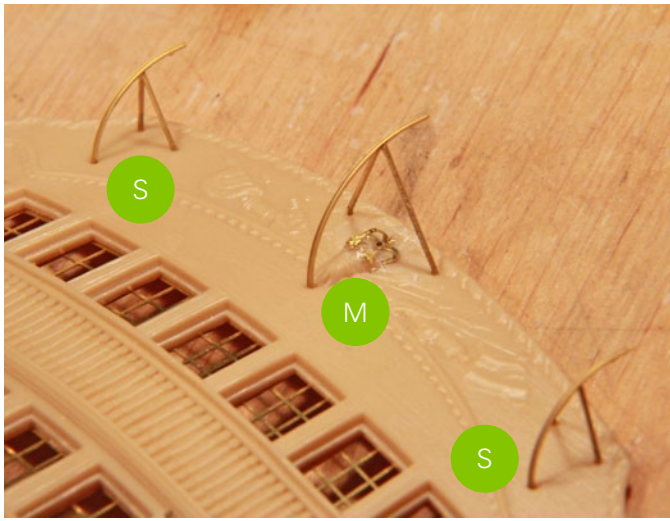
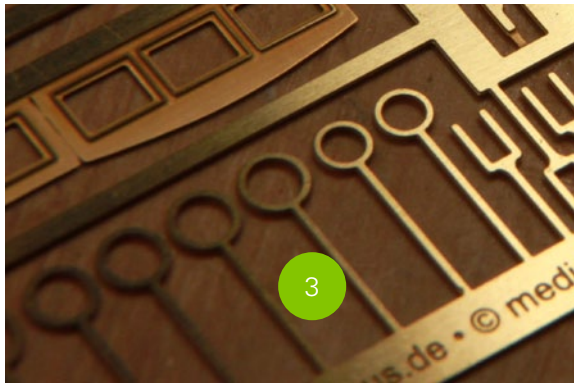


Plate 4

Stun´sail fittings



The arm of the stun´sail fittings have to be bent 90°.

Orientation is 45° forwards/upwards.

If the ring proves to be too big, cut open on the bottom and bend tighter.

If a cut is provided it can be used to introduce a 1 mm rod of 1 mm to simulate the small wheel that provides better moving of the spar.

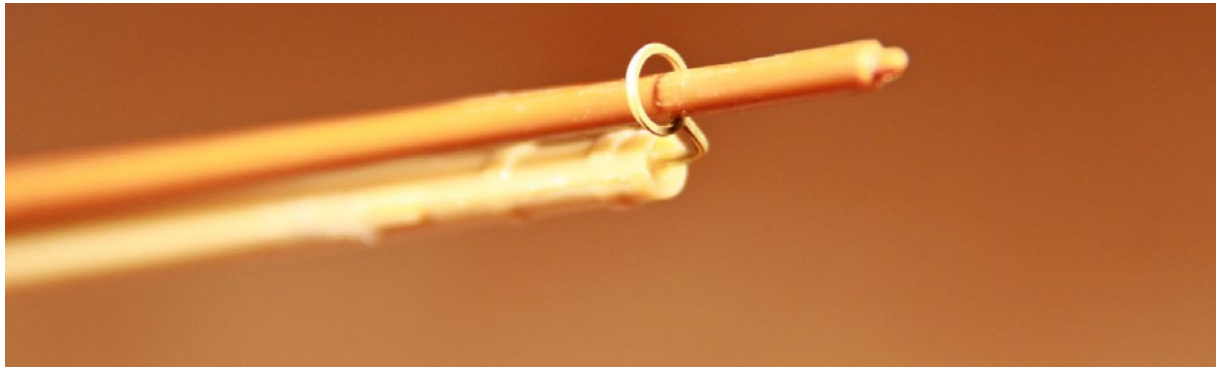
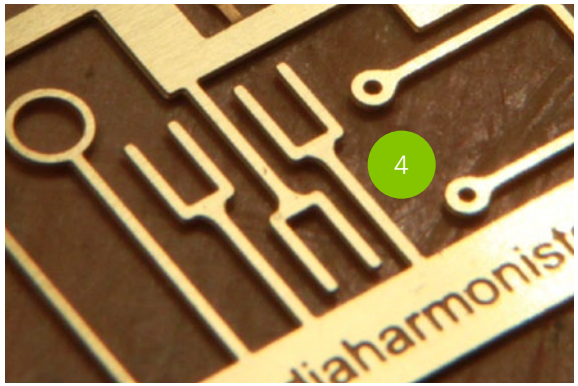
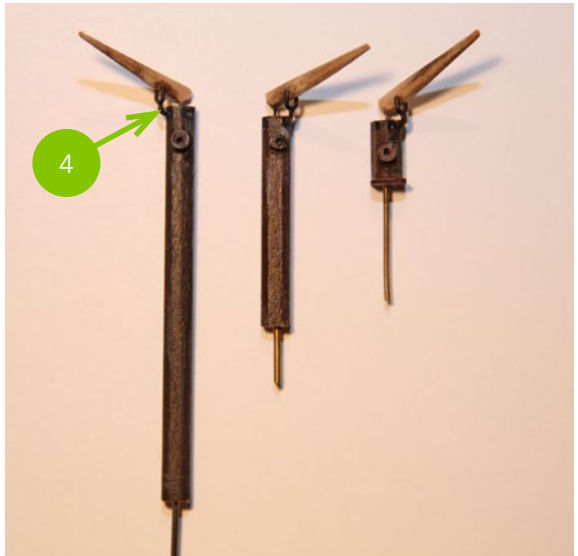


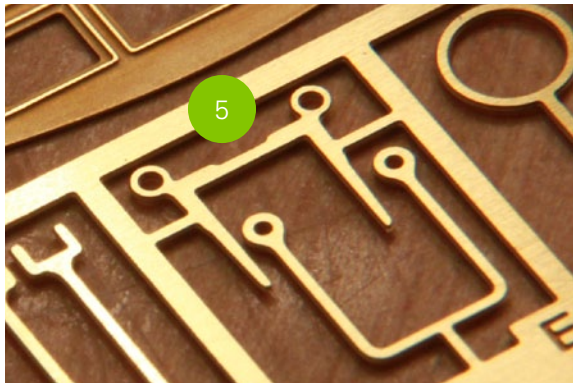
Plate 4

Divers parts

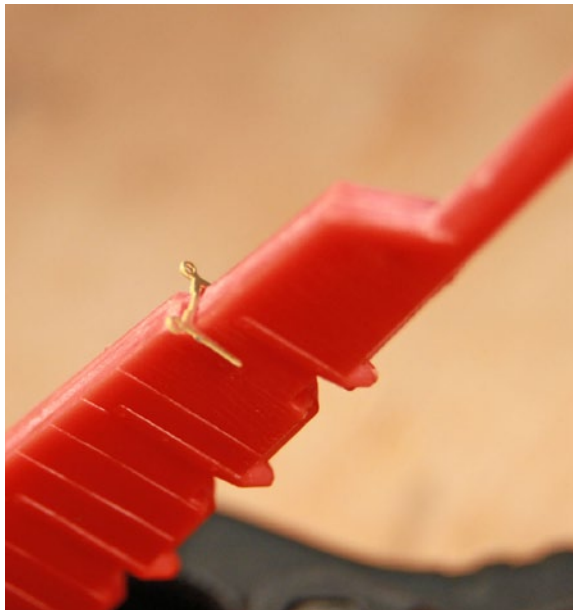


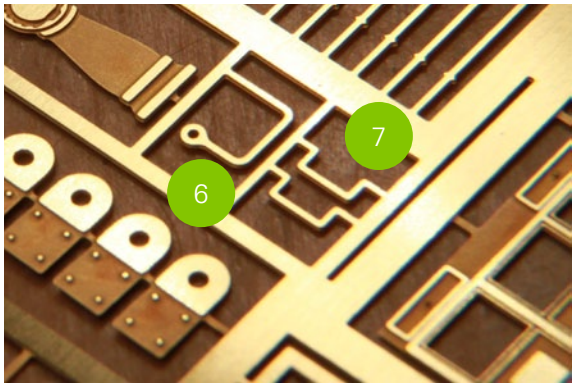
Arms to replace the elm tree pump Heller-part no 205. Plans from NMM suggest 1 pump each deck so there are 3 of the arms.





Spectacle plate on the rudder

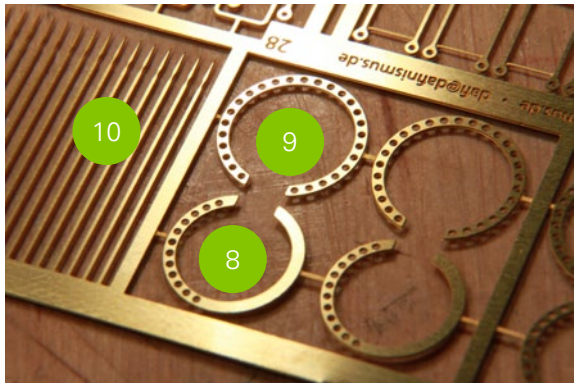




Arm of the ship´s bell and handles of the chimney.
(Chimney cover is on plate 5)

Plate 4

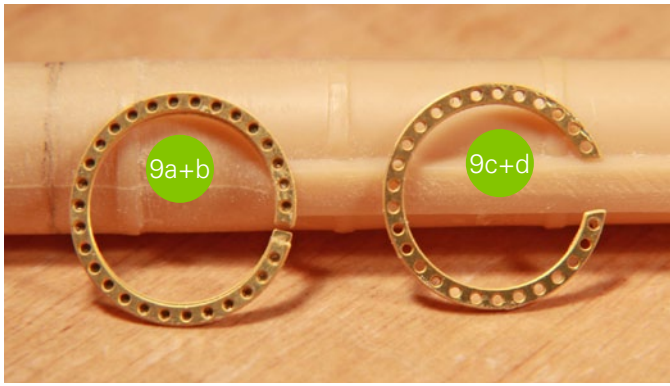
Boarding pikes (1)



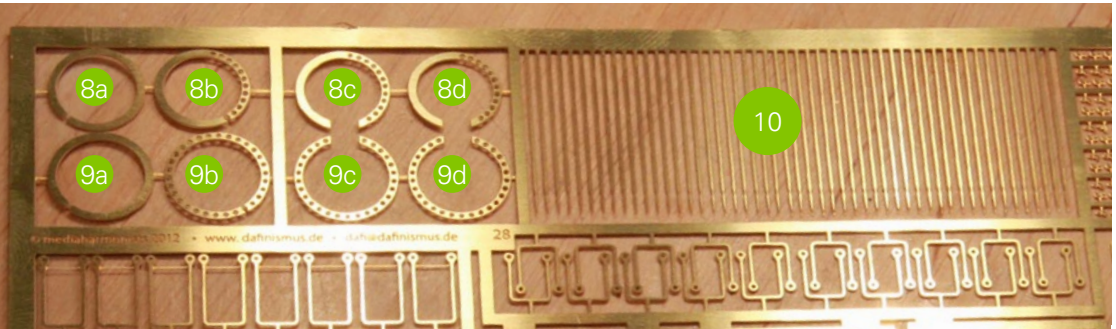
These are the most tricky parts so far:
the boarding pikes and the holding fittings.

First two fitting rings have to be glued atop of each other to provide the necessary thickness. I used needles to lock down the parts and make the holes in the upper part 8/9 c+d become congruent ...

... while the lower parts 8/9 a+b do not have through holes.



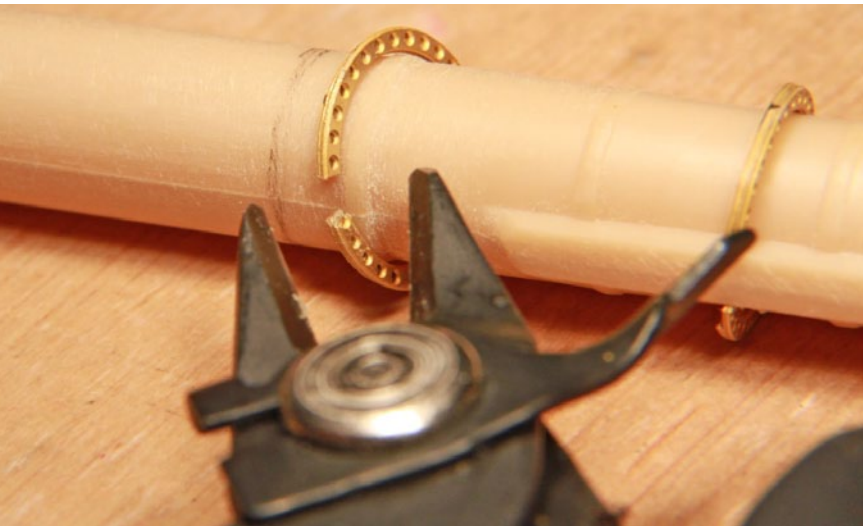
Simplification
If the doubling seems too complicated, one could leave out parts 9a + 9c and 10a + 10c.



8 Foremast: a+b base and lower ring; c+d upper rings
9 Mainmast: a+b base and lower ring; c+d upper rings
10 Boarding pikes

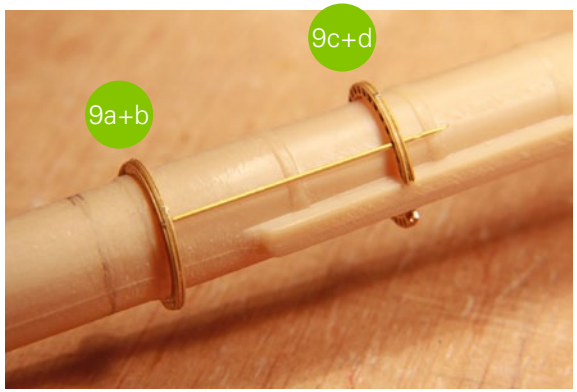
Plate 4

Boarding pikes (2)



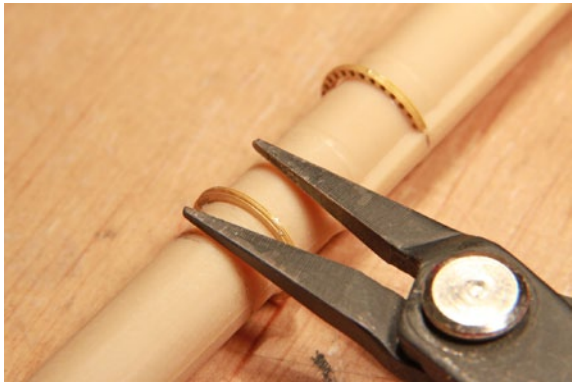
Insert masts and mark the level of the deck. The lower ring should be about 5 mm above the deck level.

Then get both assembled rings over the mast and try to close the ring. If too big, cut one or two holes *on both* assembled rings *equally* until it fits. Insert one pike to determine the height of the upper ring. Make sure that the pike´s tip is nicely to be seen.



First glue one side of the upper ring onto the rubbing pouch, let dry well, then position the other side well and fix with a drop of CA.

Then insert again a pike and check the orientation of the lower ring and fix it the same way in a good horizontal orientation ...

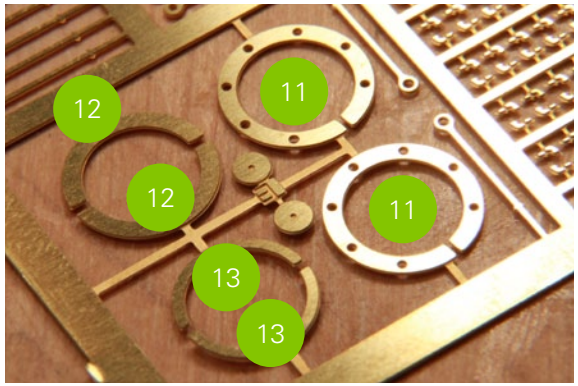


... then fix well with CA and fill with pikes.

A little bit of colour and a securing rope and it could look like this :-)

Plate 4

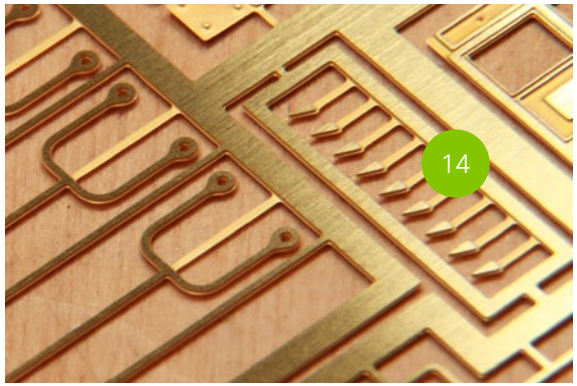
Mizzen mast



Use the same technic to fix the ring for the belaying pins on the mizzen mast..

The boom saddle also is doubled to provide thickness. Use 7 small triangles (14) as supports (the other ones are for backup)

Hint:
The belaying pins are 0.5 mm wire with a drop of white glue.



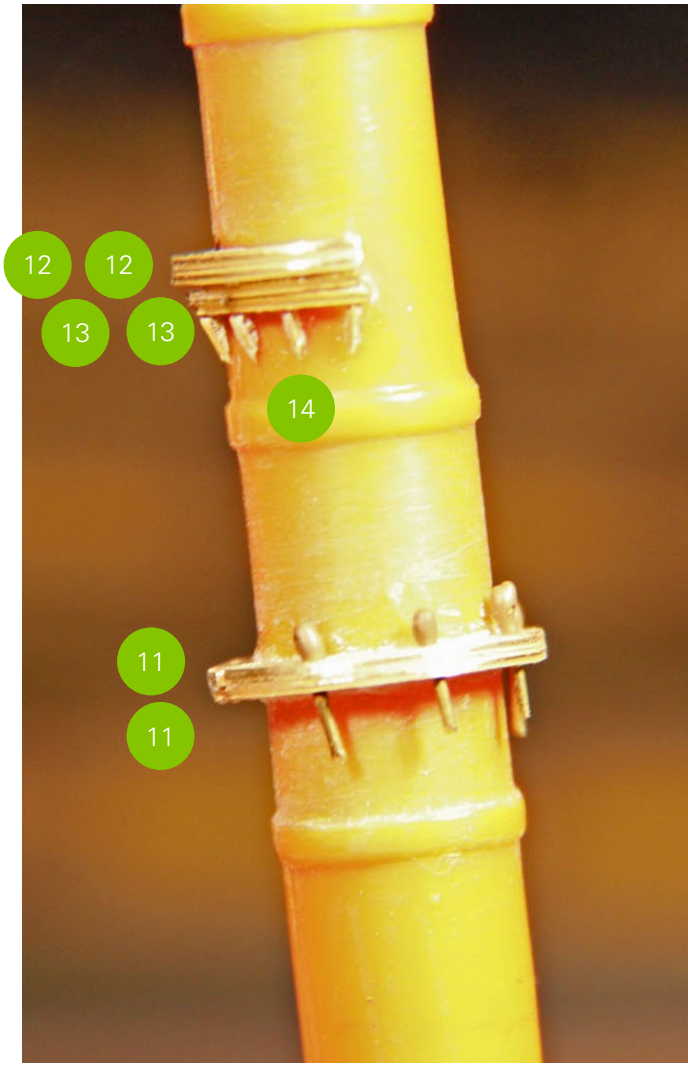
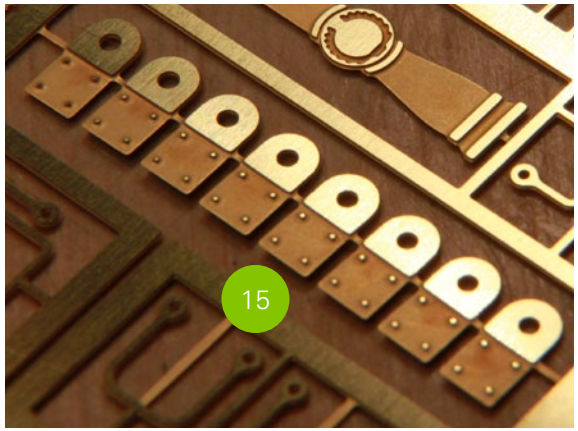


Plate 4

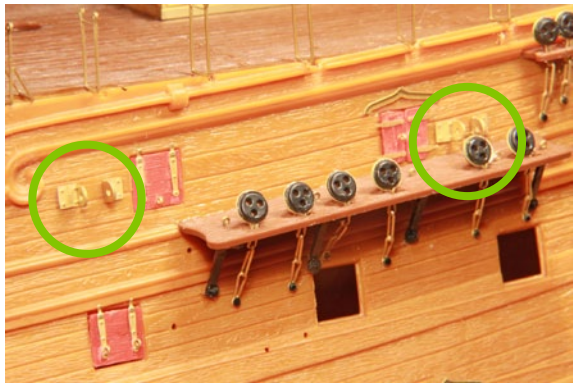
Davits and coloumn for the ship´s wheel

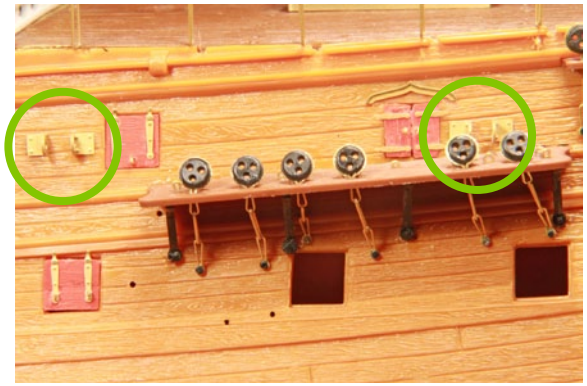


The hinges for the side davits Heller no. 86 need to be bent 90° and to be glued in the right distance.

Support for the ship´s wheel to be glued onto Heller part no 187.

(The rigols are from plate 2, the chains plate 3, gun port lids from plate 6)





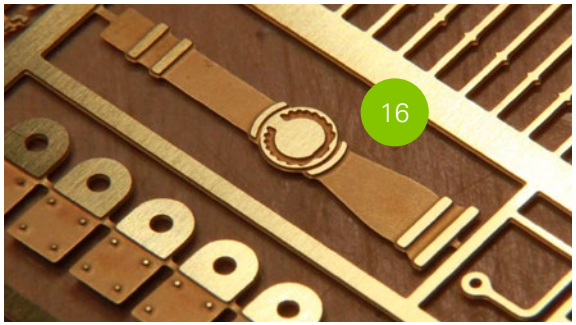
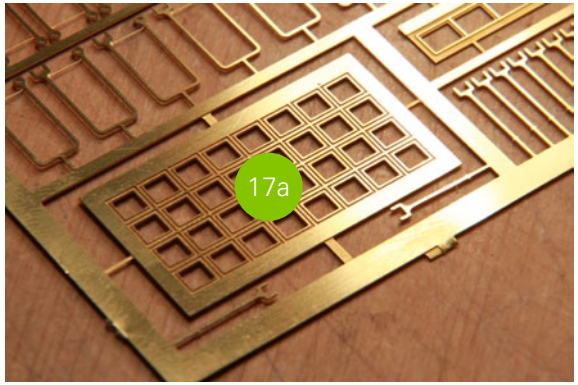
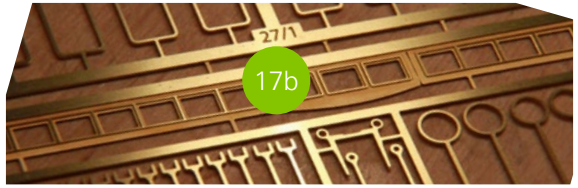


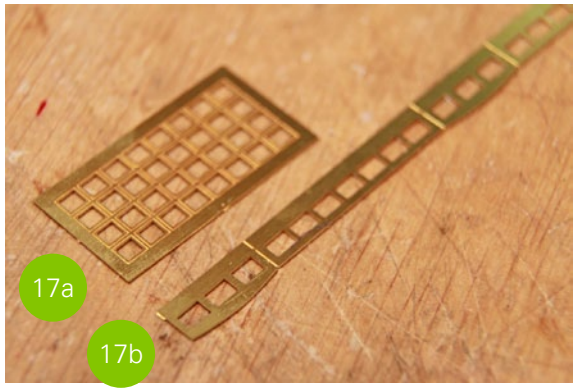
Plate 4

Skylight

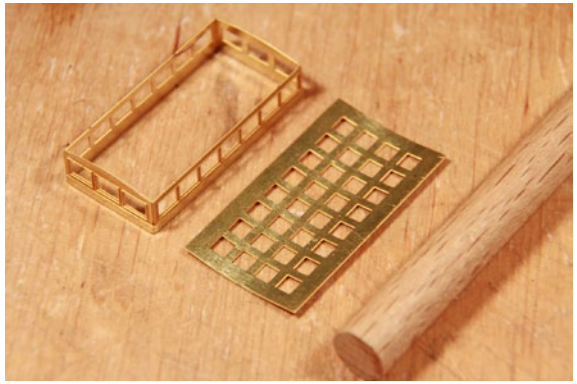
The poop skylight

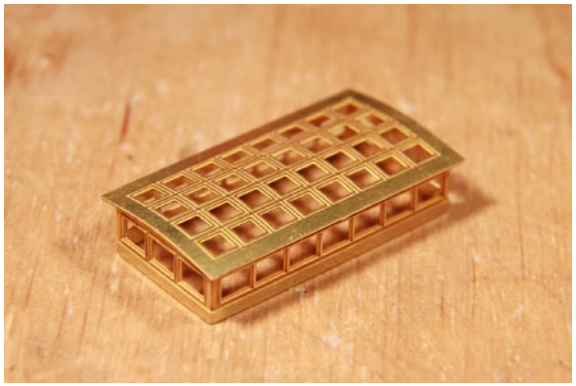






The side part 17b has folding marks on the inside. To curve the top 17a, roll with a wooden rod over a soft surface. Use transparent sheet from overhead projectors as glazing.





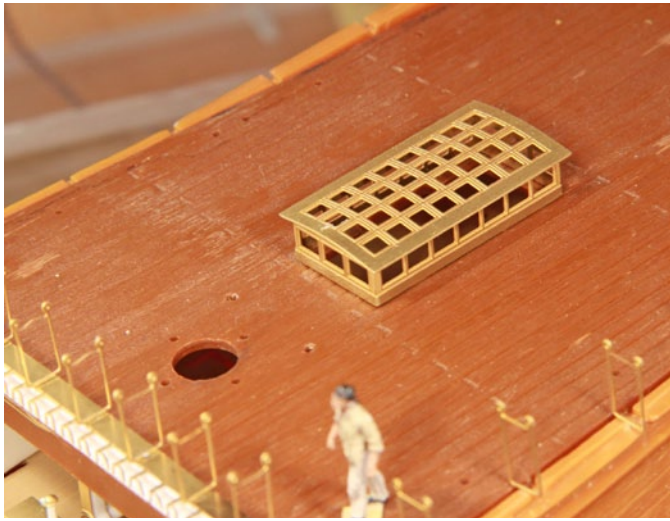
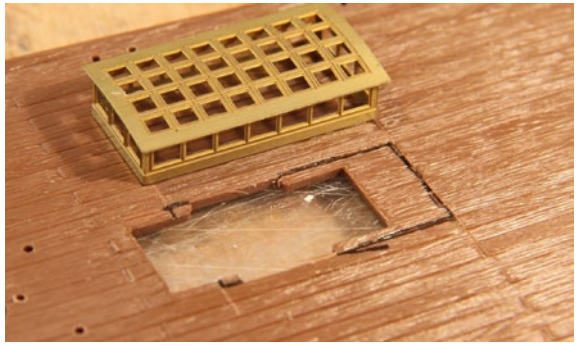
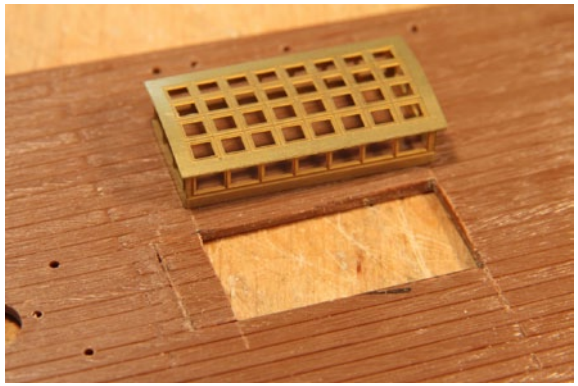


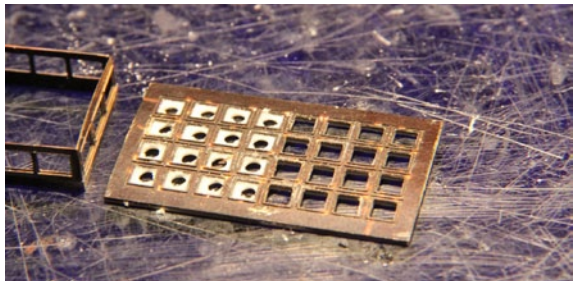
Plate 4

Improved skylight

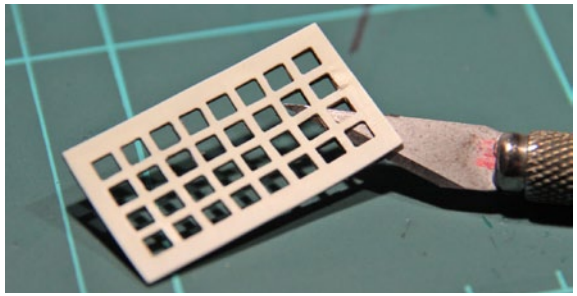
To improve the skylight there are the following options:
Move the skylight backwards by using the cut-out as replacement in the front.



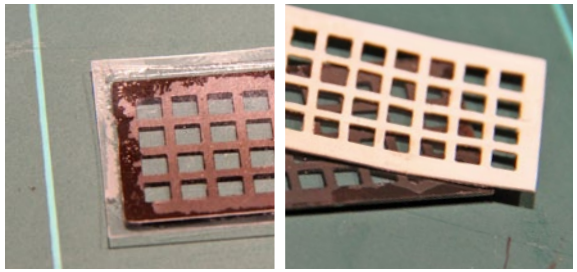




To increase the thickness of the light, I doubled with 0.25 mm sheet, opened the windows, ...



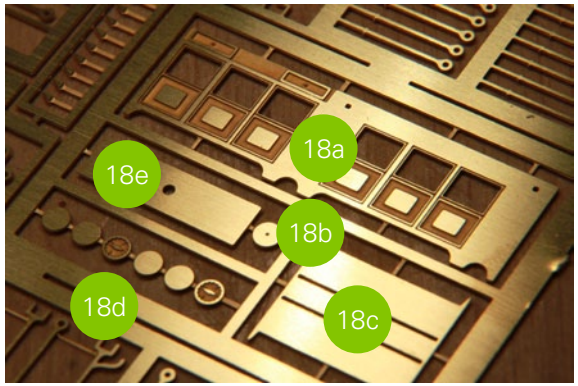
... carefully took the sheet off again and glued the transparent sheet in between.



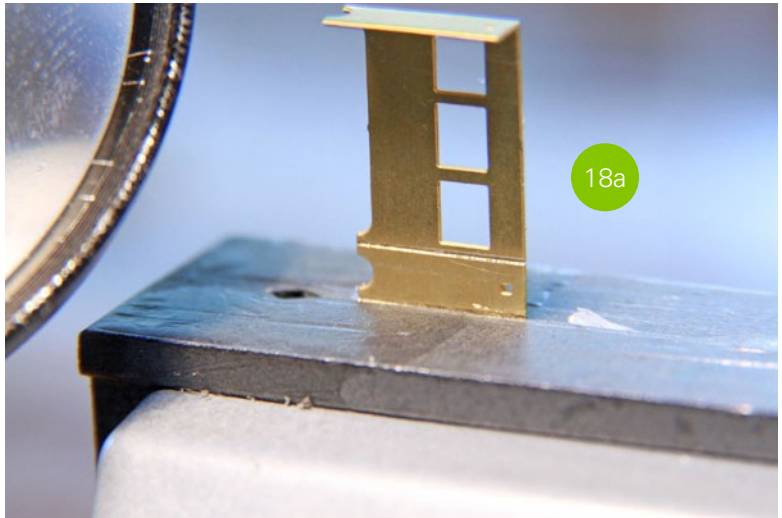
Also 5 deck beams should be visible.

Plate 4

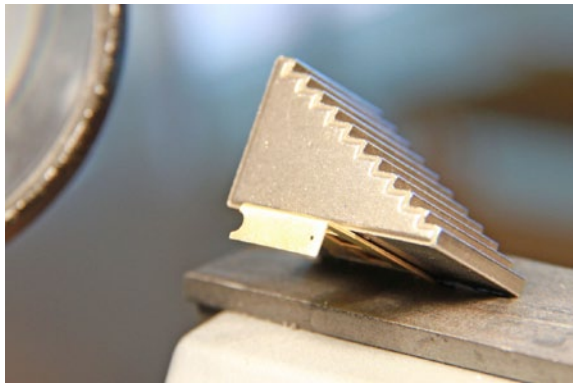
Binnacle (1)



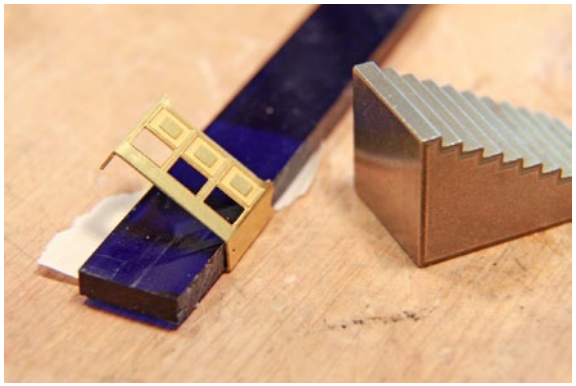
Put the body of the binnacle 18a into a vice. Have a look, that the folding marks on the back are properly positioned. First do the small side, then the opposite one.



Use a hard tool for bending the part ...



... after the first bending always loosen the part, slide two sheets of paper underneath, refix and take the paper out. If now one uses a wooden rod to roll down the edge, it will become crisp.

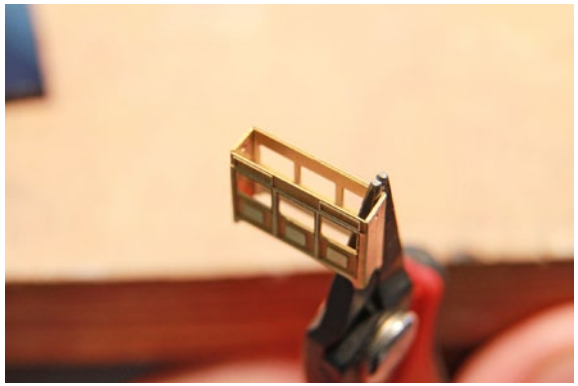


The most difficult is always the last bend.

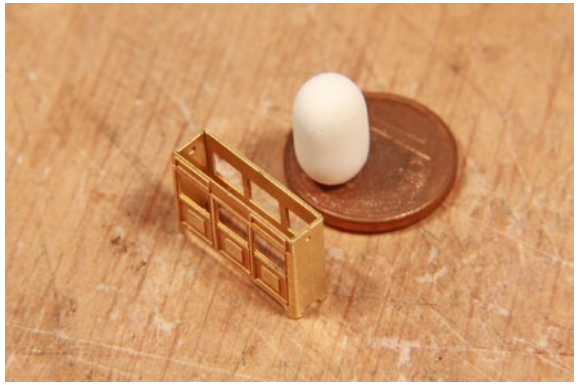
I fix the binnacle with double sided tape onto the working surface and introduce some hard material of 3 mm thickness (acrylic glass) and do the last bend.

Plate 4

Binnacle (2)

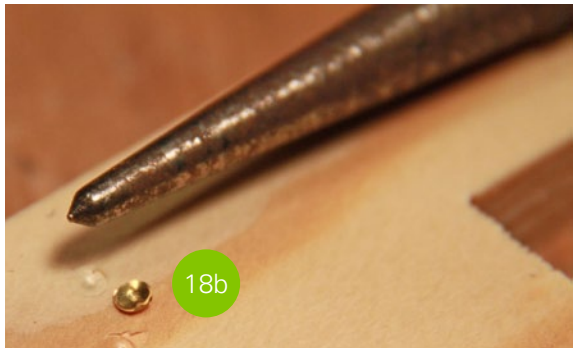


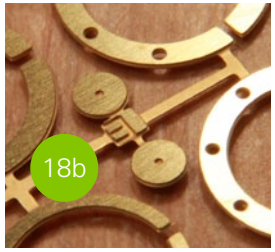
Use fine pliers fore fine tuning ...



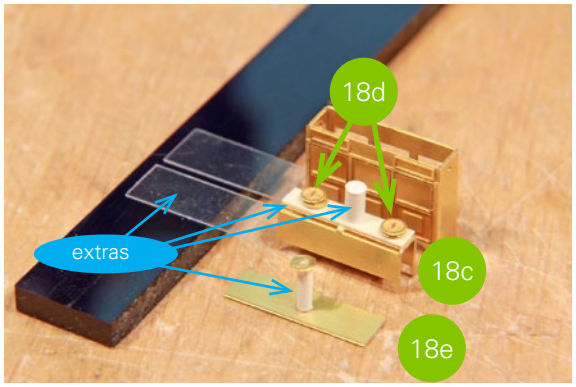
... and you get a nice box :-)

Use a centre punch to form the top of the chimney 18b and glue onto a 1 mm plastic rod.





There are two spare tops in case something goes wrong.



Bend the inner table 18c and cover with cardboard or 0.2 mm sheet as base for compasses and lanterns.

Glue together the layers of the compass 18c.

Prepare the extra parts:
– transparent sheet from overhead projectors for the glazing
– 2 mm rod for the lantern
– 1 mm rod for the chimney

Fit the top 18e and fit chimney.

Glue 2 small rings onto the sides and 4 onto the deck for fixing.

Plate 4

Binnacle und poop deck

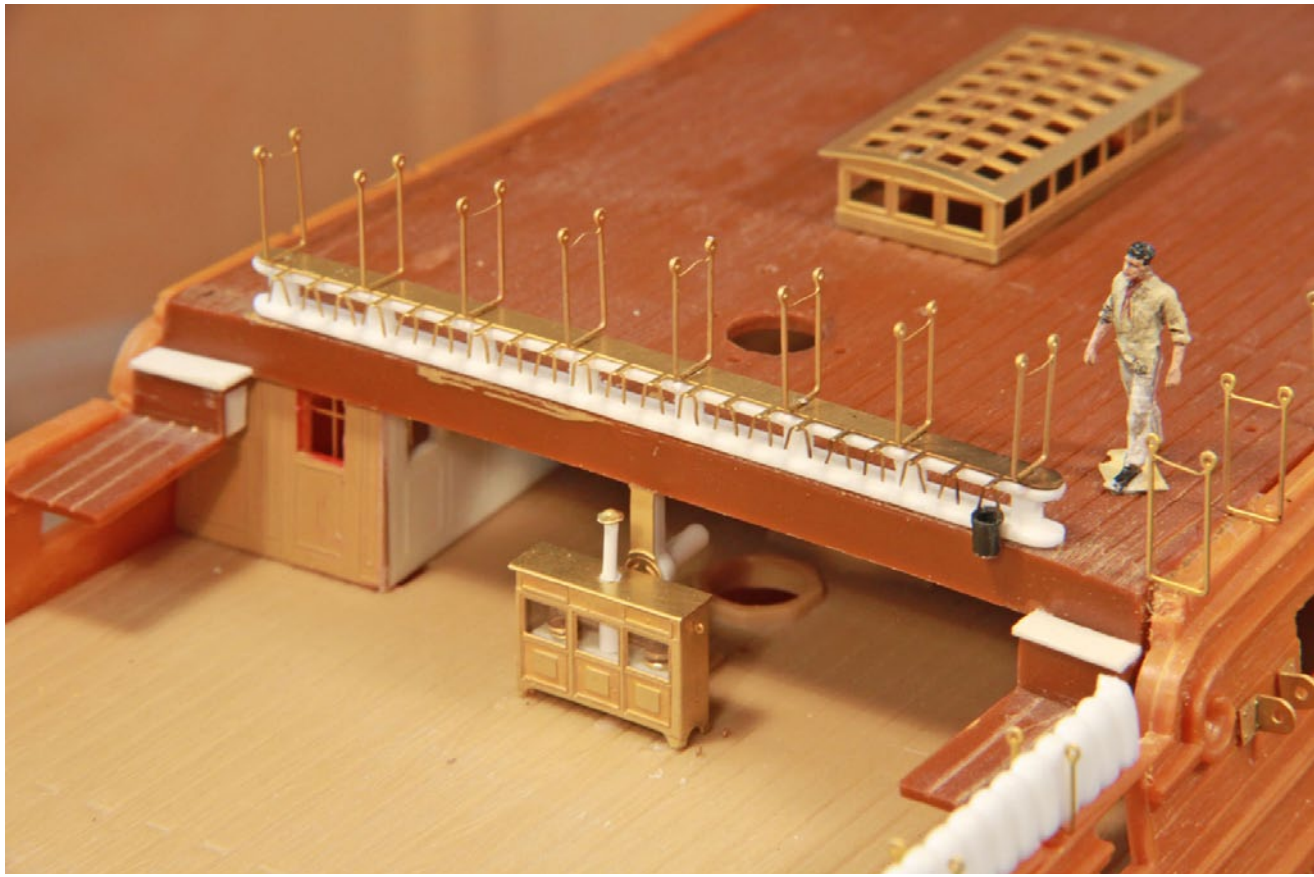
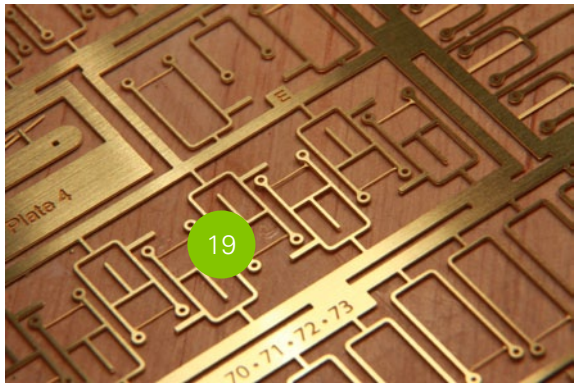
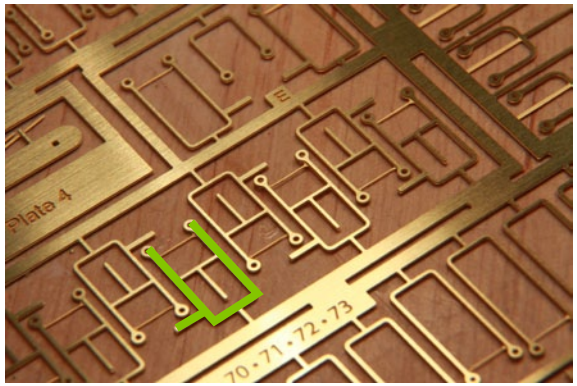


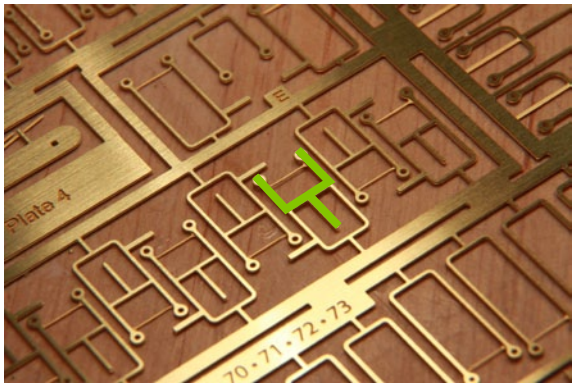
Plate 4

Hammock cranes of the forecastle

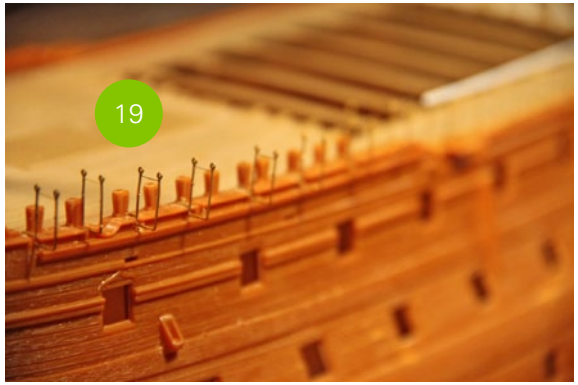




Classical version with open timber heads: Cut off the middle



Alternative version with closed forecastle bulkhead: cut off lower part.



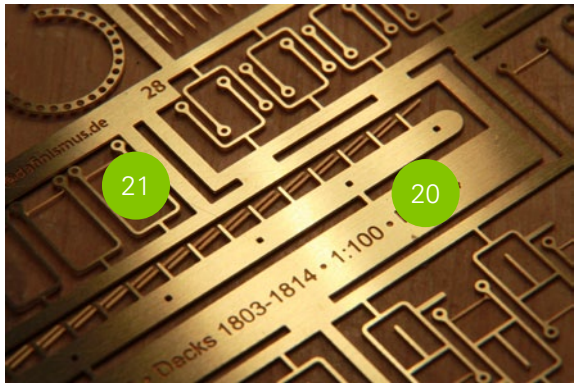
Heller parts no 26.

Attention:
The fore channels provided by the kit are too narrow. This way the hammock cranes collide with the shrouds. Please consider the following:
– make scratch build new ones that are larger
– put some styrene in between the hull and the channel board to create distance
– close the holes in the channel board and drill new ones more outside

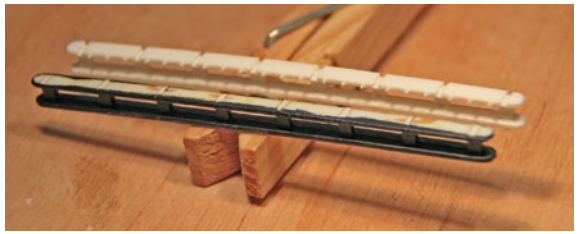
Please check these options before fitting chains and cranes!

Plate 4

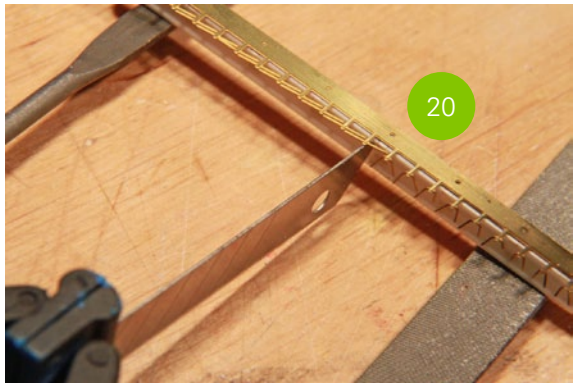
Hammock cranes and bucket holders on the poop deck



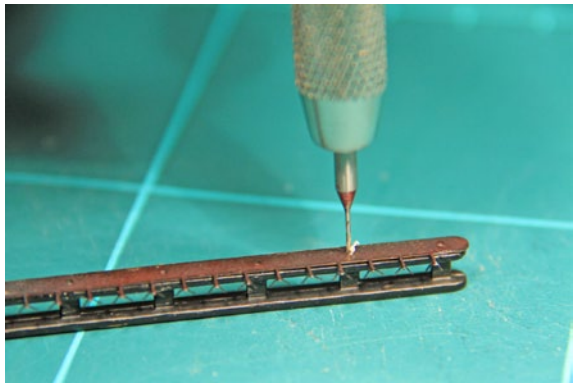
Cut off the knobs on top of Heller part no 225 and close the slots ...

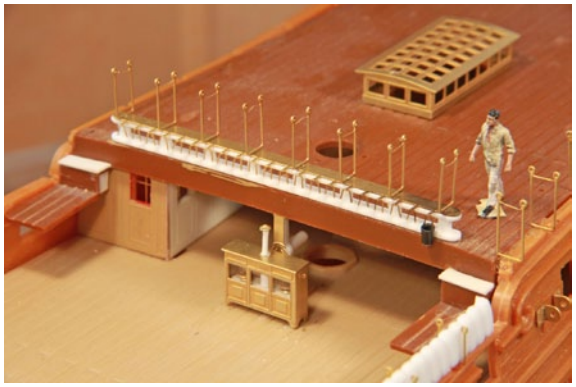


... and put in brass part no 20.



Use the back of a cutter to bend down the handles of the buckets. Drill 0.5 mm holes for the cranes Heller part no 29.





Thin out the thickness of the rims of the buckets and squeeze the tops elliptical to give the feeling of hanging leather buckets.

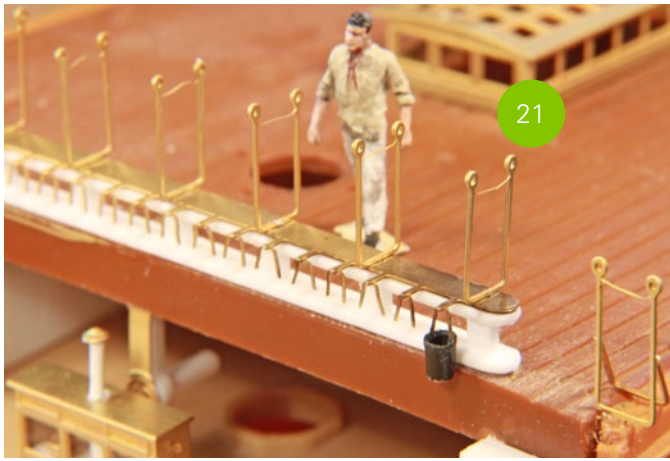
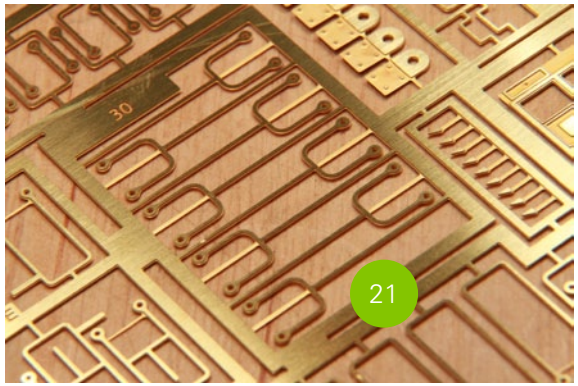
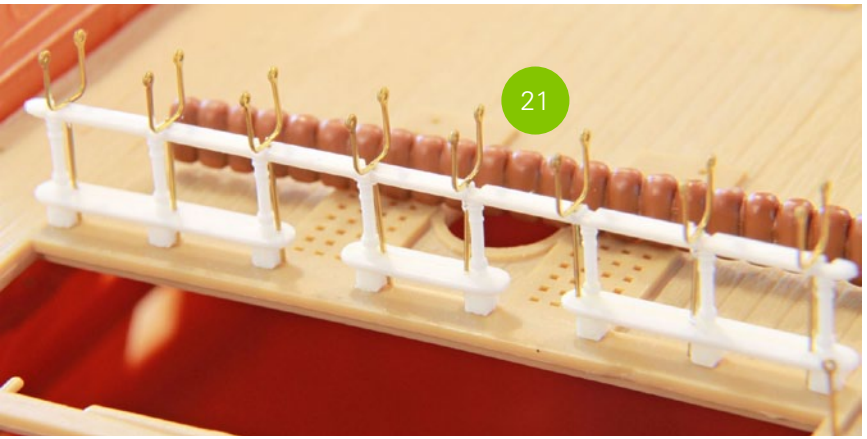


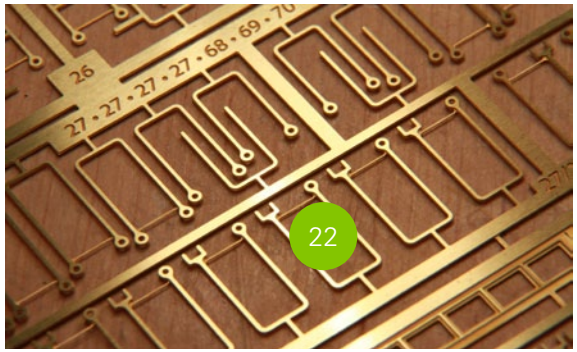
Plate 4

Hammock cranes along the waist



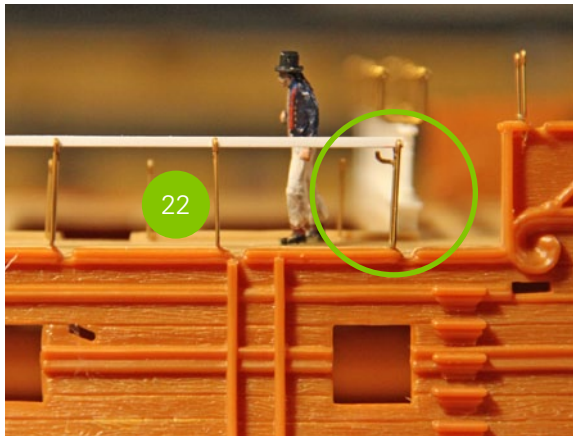
The hammock cranes on the aft end of the waist have the stanchions running down to the deck. So drill the required holes 0,5 mm into Heller part no 30.

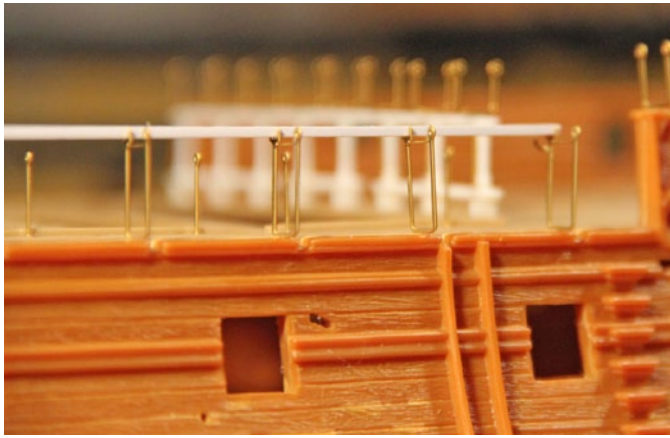




The cranes on the side Heller part no 27. Close old gaps and drill 0.5 mm holes for the adapters. The most aft crane has a small support that needs a bend of 90° forwards.

Use the handrail Heller part no 55 or use a 1 x 1 mm rod from Evergreen.





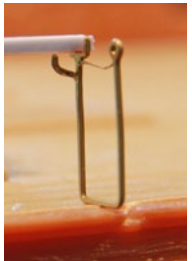
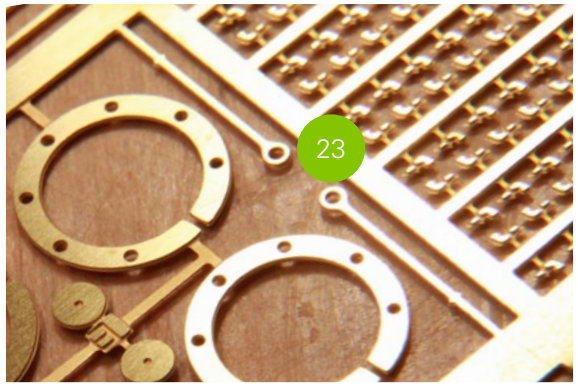
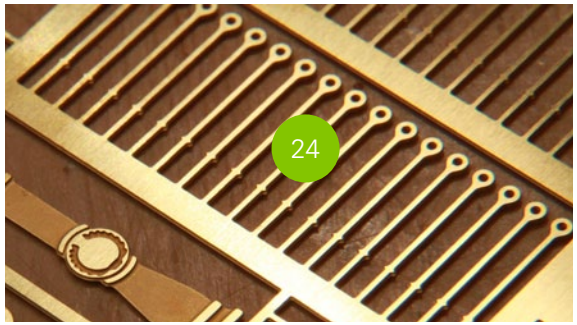


Plate 4

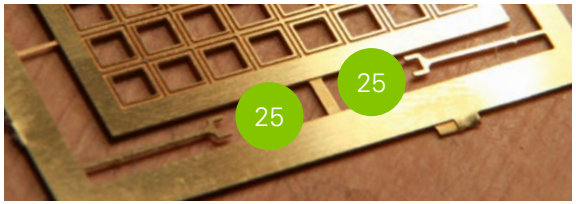
Crane stanchions on the head and other stanchions

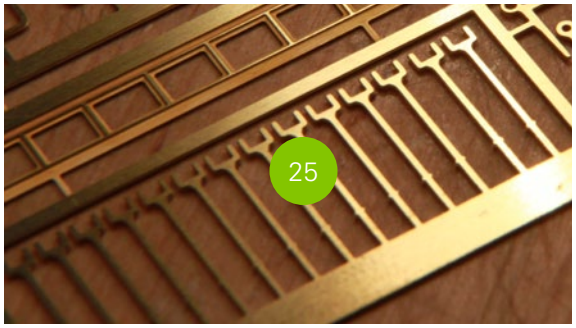


Stanchion to support the netting at the heads. Use a 0.5 mm wire for upper support.

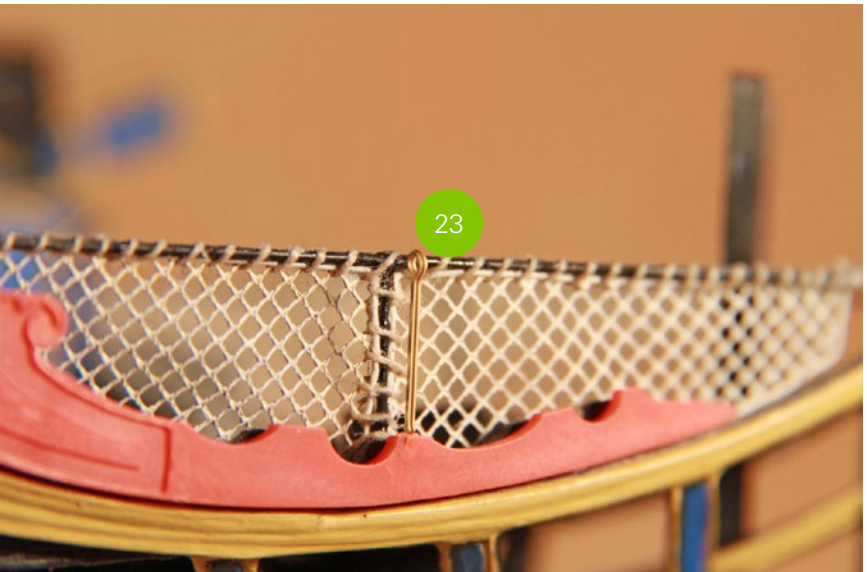


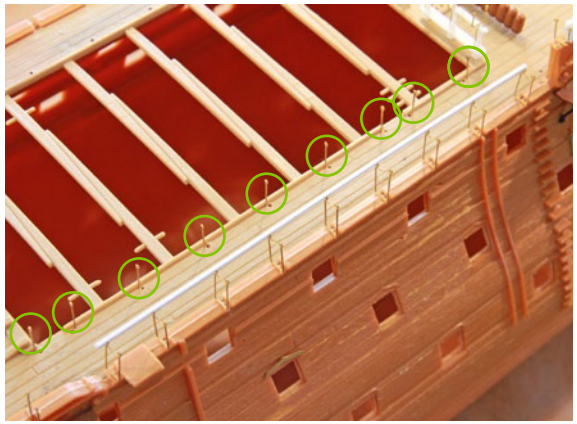
Stanchions for the inside of the gangway Heller part no 35.





Stanchions for the tops, either 4 or 5 pieces Handrail 1 x 1mm rod from Evergreen, footrail 2 x 0.5 mm rod from Evergreen.





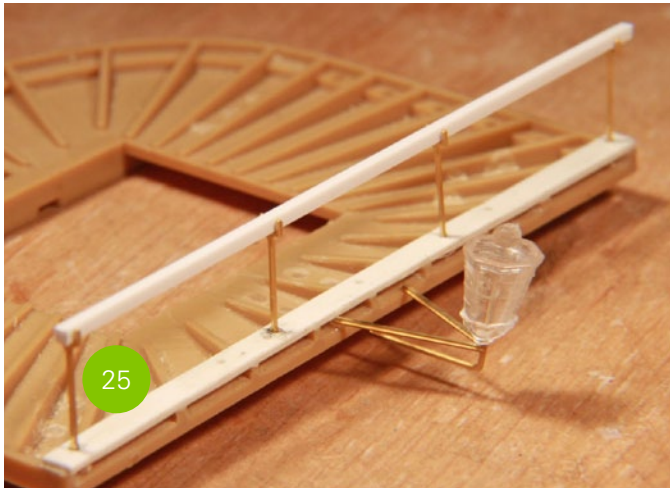
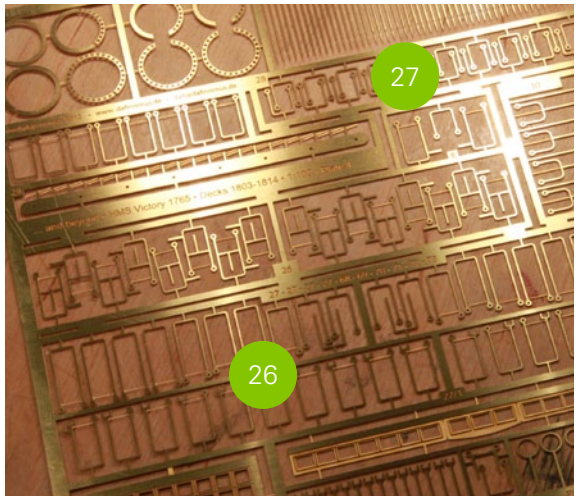
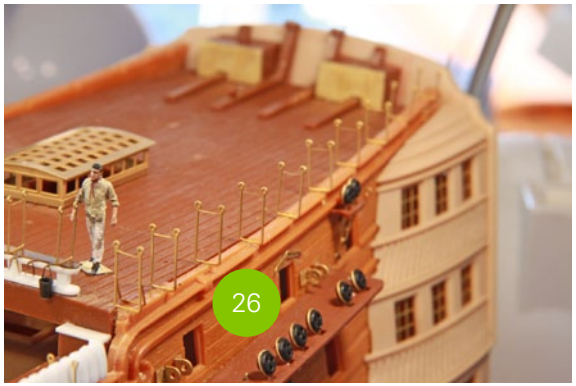


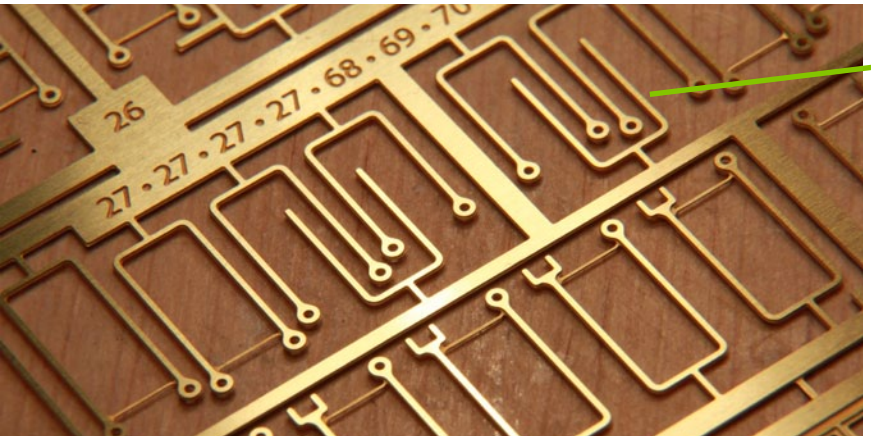
Plate 4

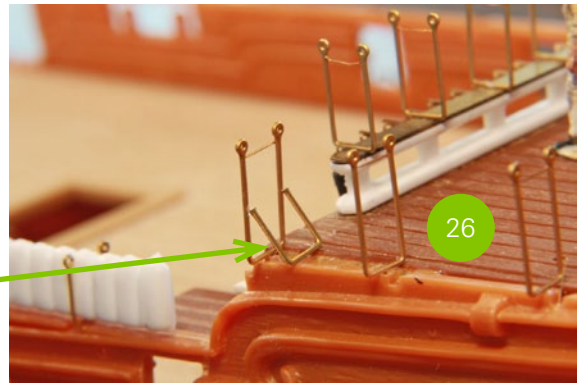
Hammock cranes poop and quarter deck



Hammock cranes of the poop deck:
Heller parts no 27, 27, 27, 68 to 73.







Support for the foremost crane. (Hint: The support is a bit longer than on the picture!)

Hammock cranes of the quarter deck:
Heller parts no 28.

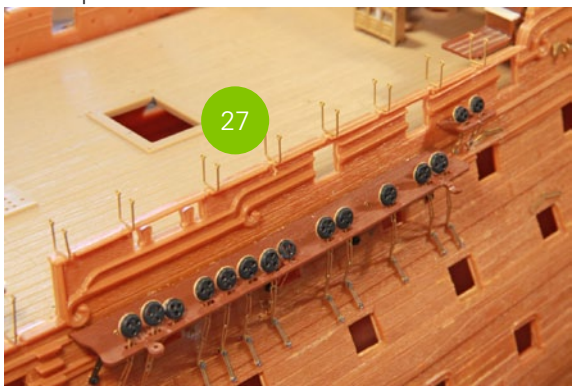
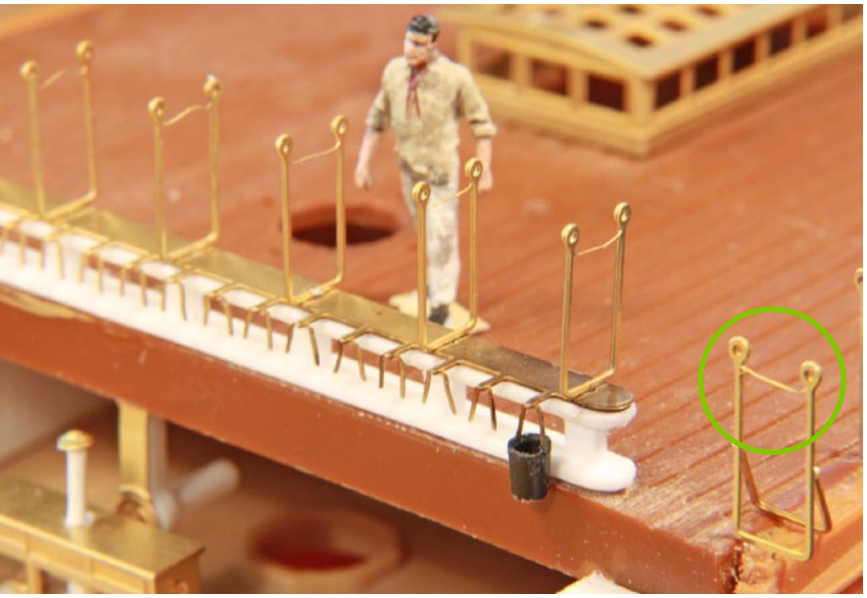
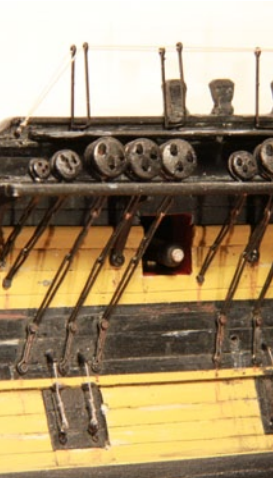


Plate 4

Hammocks cranes

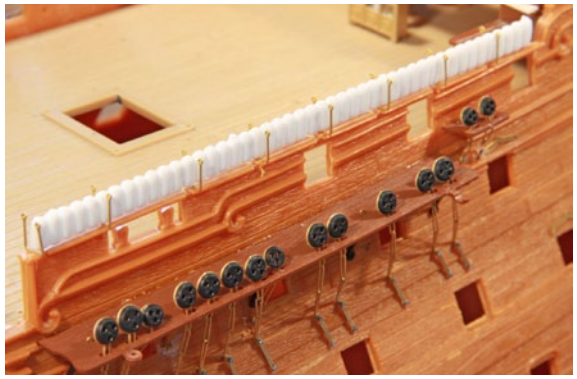


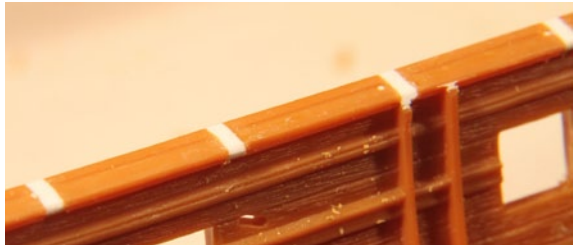


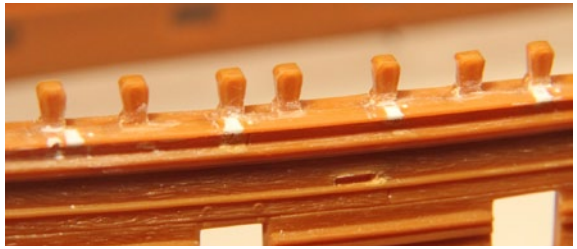
Some hammock cranes have a small hook /support on the top.

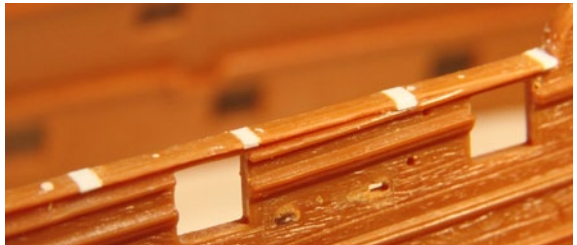
If no nettings and hammocks are to be shown, simply put the top rope through the eyes.

If nettings and hammocks are to be shown, these hooks should be cut off for easier handling.

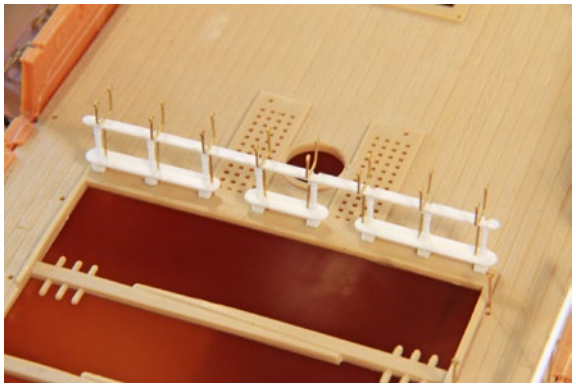








The hammocks provided by Heller can be used if wanted.



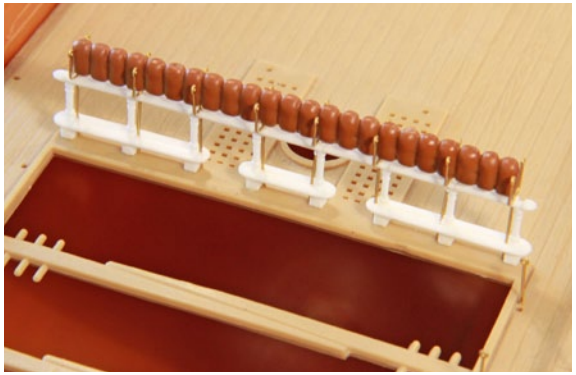
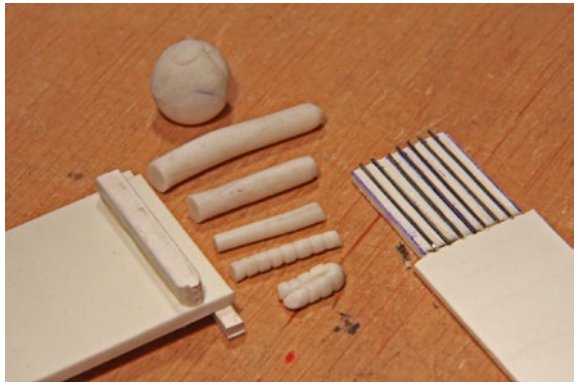


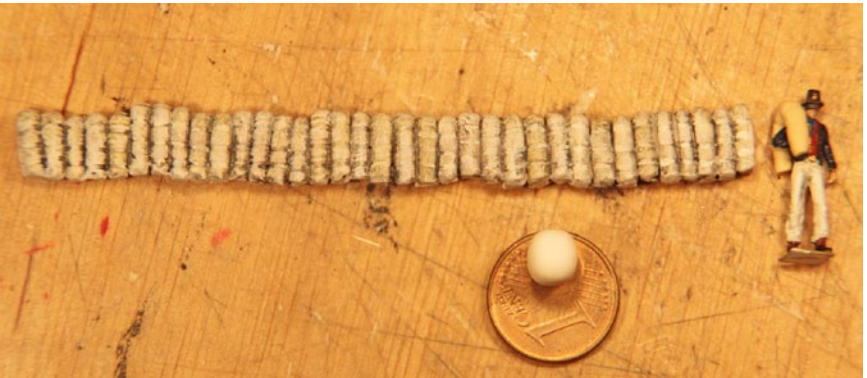
Plate 4

Hammock cwranes (1)

If better hammocks are wanted, they can be easily made out of modelling clay. Thin rolls of half of the width of inbetween the stanchions with 7 lashings rolled in.



Flatten the sides with a file for that they can glued easily together and make sure that gravity takes its toll inbetween the holders.



Measure the nettings needed and glue with some extra on a template and paint until the fabric structure disappears. Use a creamy white as base and add some brushing of light brown.

Thread a line through the top eyes of the stanchions, use a paper inlay to introduce the netting and glue *one side* onto the thread. Then take out the paper half the way, introduce the hammocks to press down the netting and *just then glue the other side.*

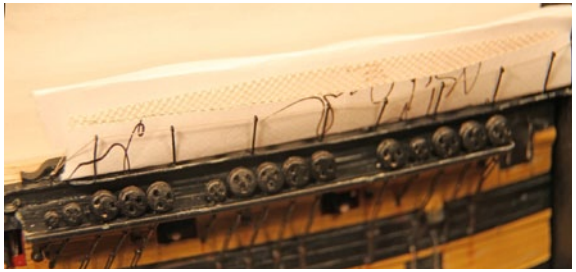
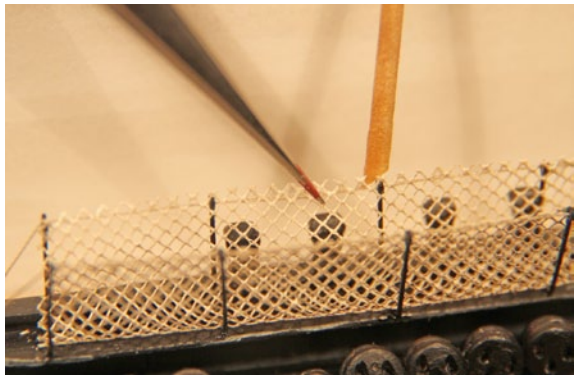
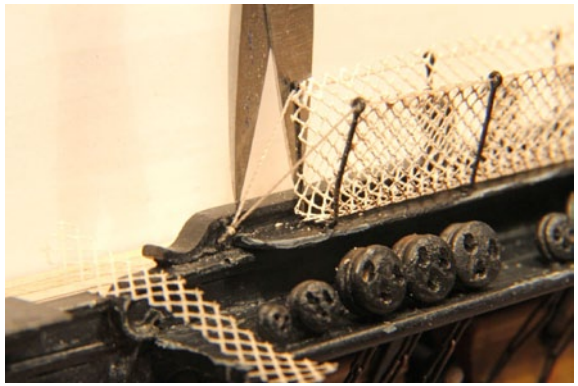


Plate 4

Hammock cranes (2)

Take out the hammocks and cut and clean the edges, reglueing where necessary. To facilitate one can bend the stanchions slightly open for work.





To finish press in the hammocks properly. It should give a slightly uneven profile as this is rope netting and not a metal fence ;-)

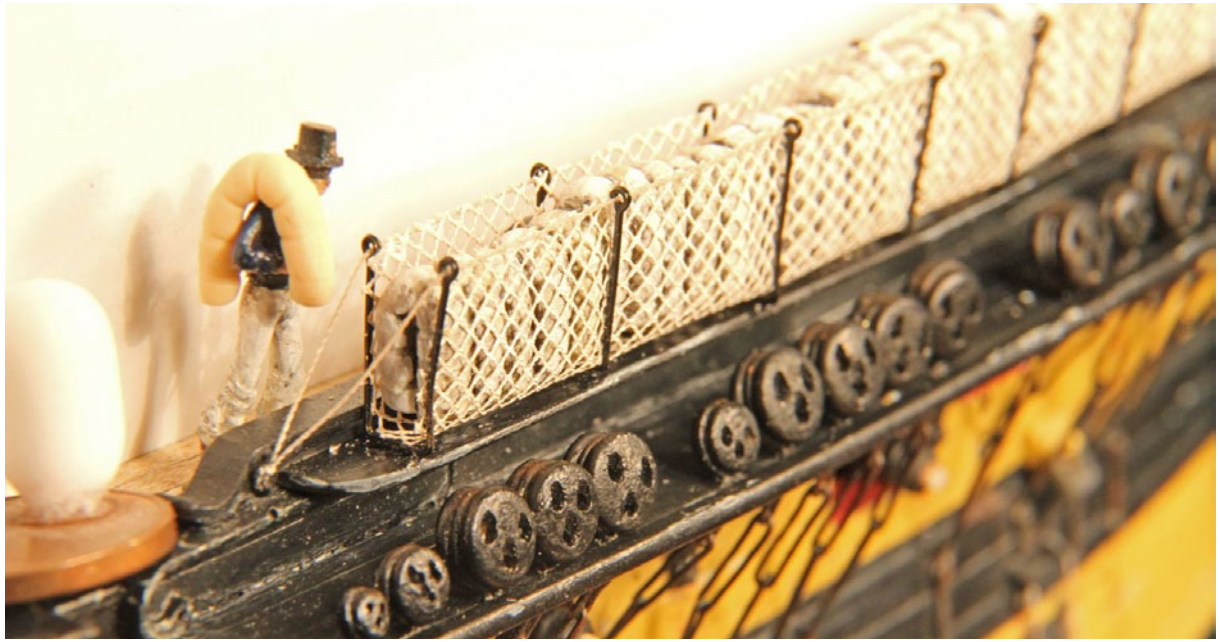


Plate 4

Spare and extra parts