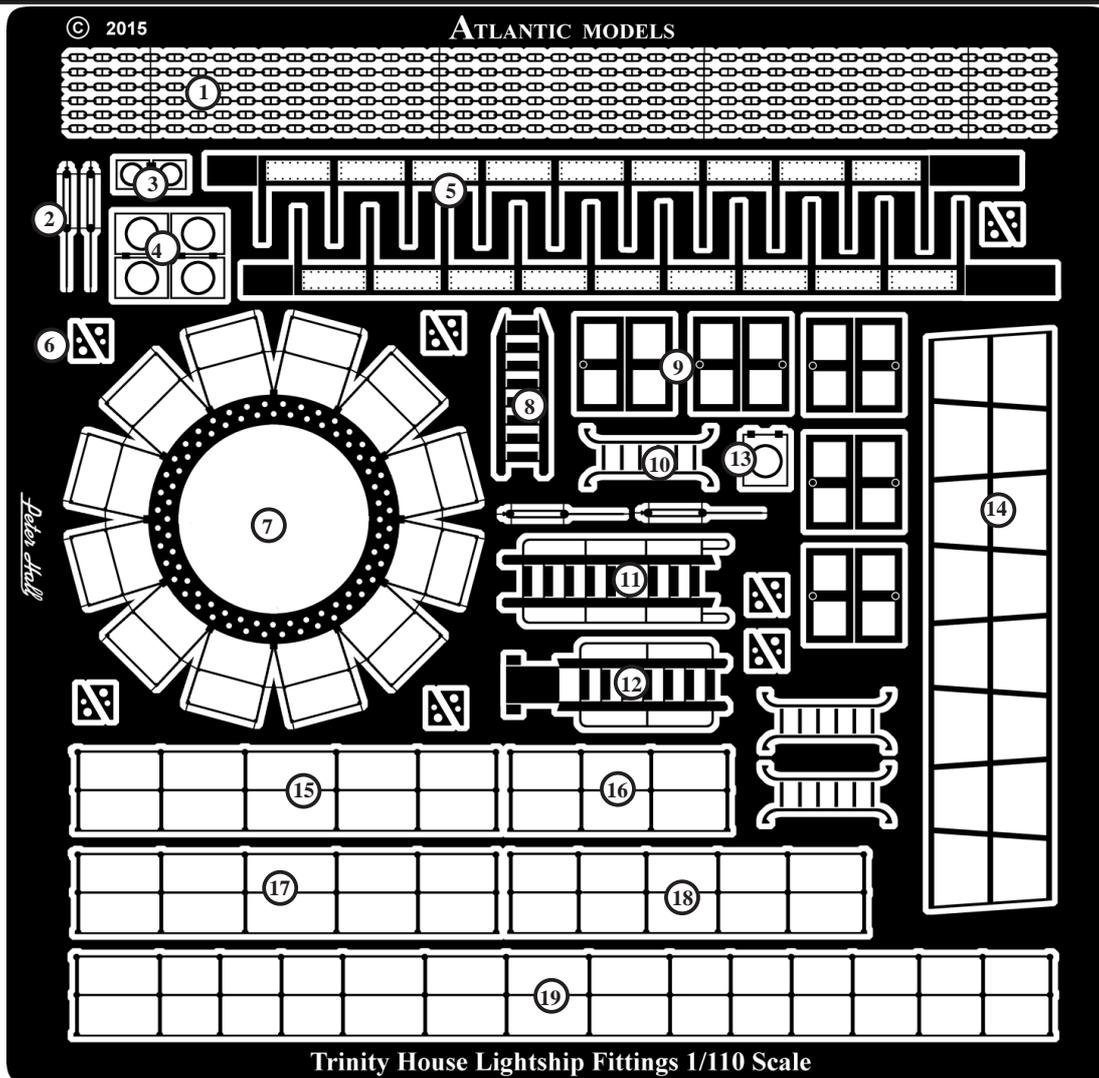


Trinity House Lightship
Photo-etched detail set to fit the
Frog/ Novo/ Eastern Express kit

Parts List



Trinity House Lightship Fittings 1/110 Scale

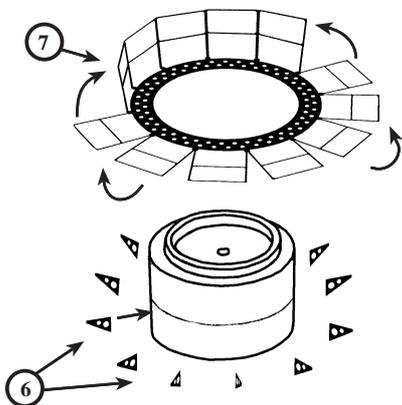
- | | | |
|------------------------------|---|--------------------------------------|
| 1. Anchor Chain Stock | 7. Lantern Platform | 14. Lantern Lens Frame |
| 2. Boat Davit Falls | 8. Inclined Ladder (Aft Superstructure) | 15. Railing (Boat Deck Stbd Forward) |
| 3. Skylight (Small) | 9. Superstructure Doors | 16. Railing (Boat Deck Stbd Aft) |
| 4. Skylight (Galley Roof) | 10. Vertical Ladders | 17. Railing (Boat Deck Port Forward) |
| 5. Boat Deck Supports | 11. Lantern Tower Ladder (Lower) | 18. Railing (Boat Deck Port Aft) |
| 6. Lantern Platform Supports | 12. Lantern Tower Ladder (Upper) | 19. Railing (Pilot House Roof) |
| | 13. Skylight (Single) | |

Tips and Hints when working with Photo Etched Metal

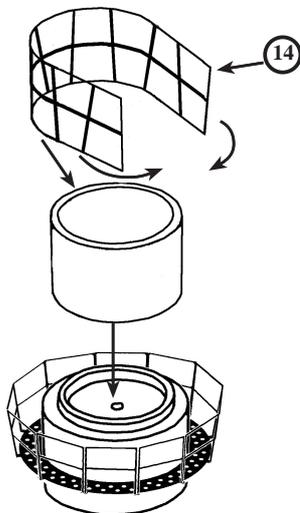
- Do not remove the etched parts from the fret until you are ready to use them.
- Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting. It is recommended that the entire fret be primed with an acrylic automotive primer, such as Halfords Grey Primer before assembling any of the parts.
- Cyanoacrylate adhesive (Super glue) or contact adhesive such as a white PVA glue may be used. These can be applied with a pin or piece of stretched sprue.
- When removing parts from the fret, place the fret on a hard surface, such as a smooth ceramic tile, in order to prevent parts bending whilst cutting through the holding tabs. It is suggested that a No.10 rounded type of modelling knife blade is used for this purpose.
- When shaping or bending a part, a straight edged blade such as a chisel blade will give a good sharp corner, or alternatively an Atlantic Models Folding Tool ATT 01 or ATT 02 may be found to be useful
- If a part is bent incorrectly, lay it on a hard flat surface and roll it flat with a cylindrical object such as a modelling knife handle.

Lantern Assembly

Remove the moulded plastic frame lines from the clear lantern lens, then smooth and polish the lens until fully transparent again.

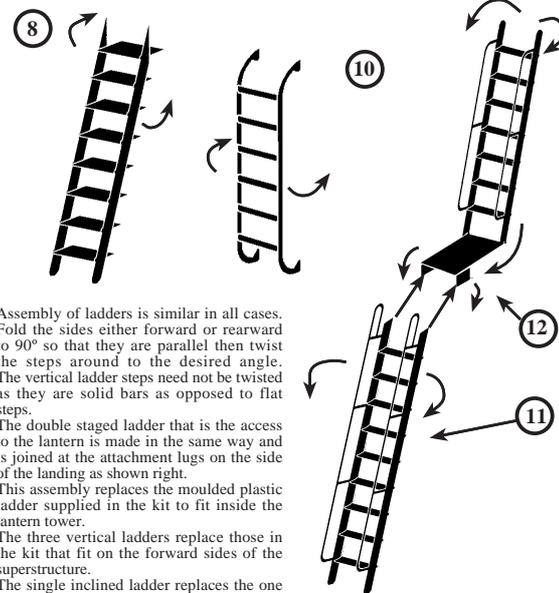


First remove the moulded plastic platform from around the lantern body then smooth the surface. Fold up the railing sections around the edge of the replacement platform so that the stanchions fit together. Fix into place with super glue. Fit the replacement platform over the lantern body until it fits around the line of where the moulded platform was situated. Fit the support brackets to the underside of the platform so that the points fit to the bases of the railing stanchions.



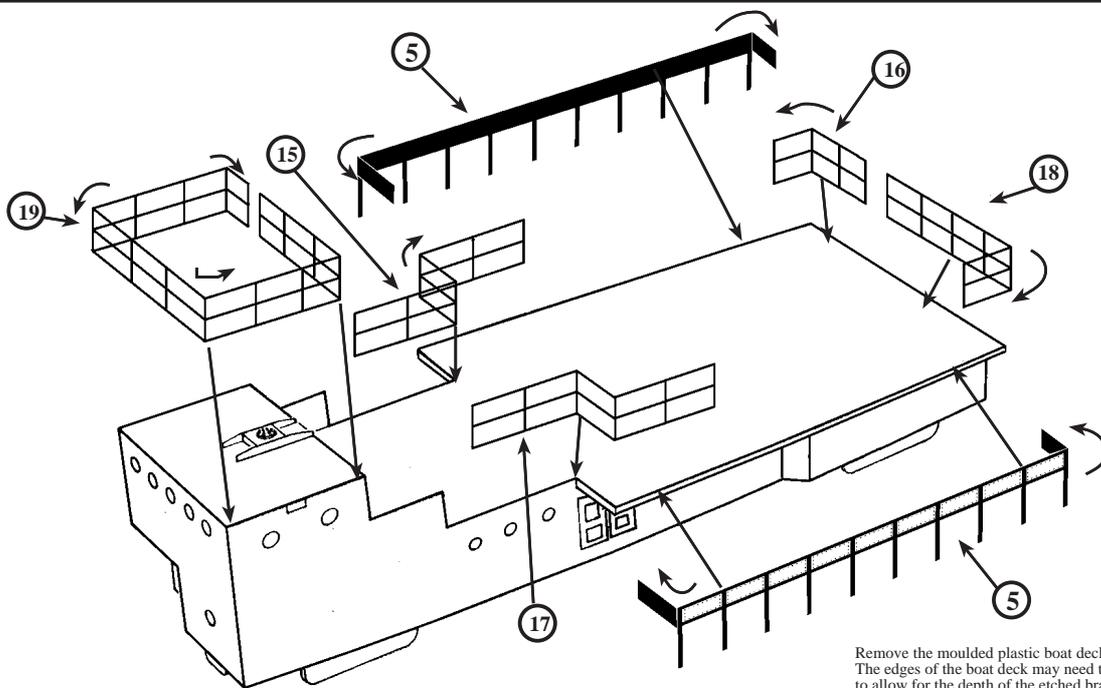
Gently curve the lens frame, etched part 14, around the transparent lens provided in the kit, until the ends meet. Secure the ends of the frame together and fit into place on the lens.

Ladder Assembly



Assembly of ladders is similar in all cases. Fold the sides either forward or rearward to 90° so that they are parallel then twist the steps around to the desired angle. The vertical ladder steps need not be twisted as they are solid bars as opposed to flat steps. The double staged ladder that is the access to the lantern is made in the same way and is joined at the attachment lugs on the side of the landing as shown right. This assembly replaces the moulded plastic ladder supplied in the kit to fit inside the lantern tower. The three vertical ladders replace those in the kit that fit on the forward sides of the superstructure. The single inclined ladder replaces the one that fits onto the rear bulkhead of the aft superstructure, at the gap in the railings.

Boat Deck Supports and Railing Location



Shape and fit the replacement railing sections as shown above.

Remove the moulded plastic boat deck supports from the boat deck. The edges of the boat deck may need to be taken in by about 0.5mm to allow for the depth of the etched brass replacements. Shape and fit the boat deck supports, etched parts 5 as shown above.

Other Instructions

1. Sufficient Anchor Chain, etched parts 1, have been supplied to fit to the fore deck winch as described in the kit instructions. There should also be enough to run out of the Hawse Pipes to the surface of the water if the model is being built as a waterline display.
2. Etched parts 9, are double sided doors. Fold these in half with the relief etched detail outermost and secure into place. The moulded plastic doors on the sides of the superstructure may be removed and replaced with the etched items in either the open or closed position as desired.
3. Etched parts 3, 4 and 13 are Skylight Hatches that can be used to replace those moulded onto the comings on the boat deck. These can also be glazed with thin acetate sheet fixed to the inner surface if desired.
4. Fit the falls, etched parts 2, so that the thick end of the pulleys fit to the top of the boat davits. The long end can then be secured to the inside of the boats.