

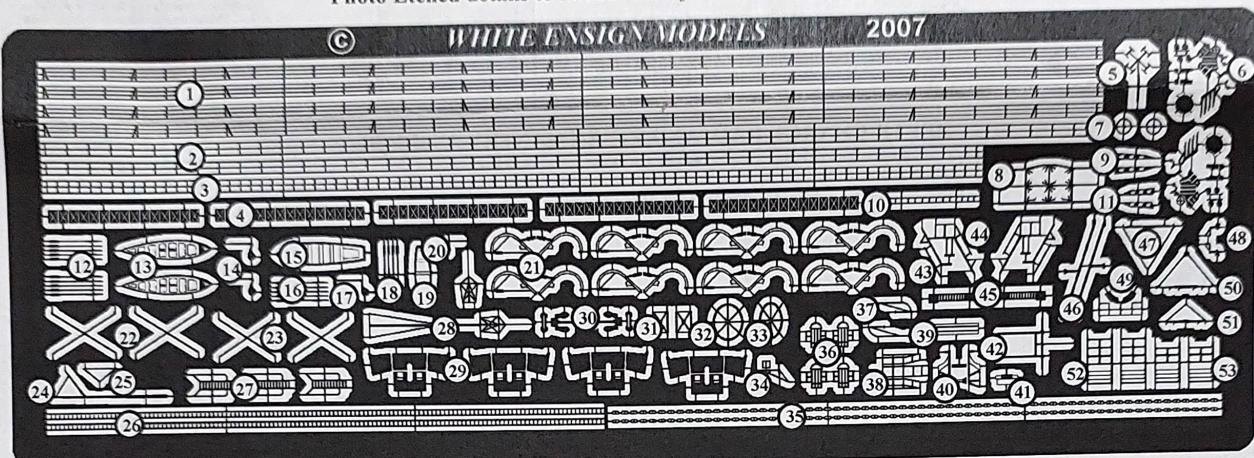


# WHITE ENSIGN MODELS

## British E and F Class Destroyers

PE 766

Photo Etched details to fit the Tamiya E Class Destroyer Kits



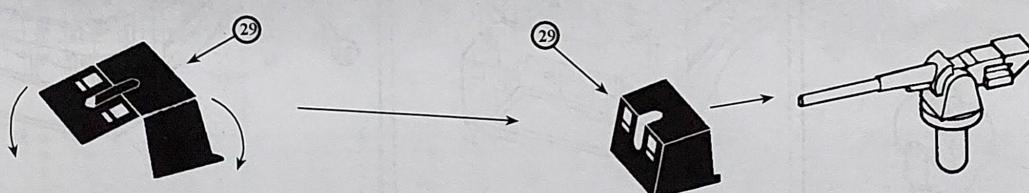
### PARTS LIST

1. Standard 3-Bar Railings	15. 30' Gig Thwarts	28. HF/DF Antenna Array	41. Stern Gantry Platform
2. 2-Bar Platform Railings	16. 30' Gig Oars	29. 4.7" Gun Shields	42. Wire Antenna Spreader
3. Close Stanchion Railings	17. 30' Gig Rudder	30. Anchors	43. Accommodation Ladder Rail 1
4. Splinter Matting	18. 16' Dinghy Oars	31. .5" Gun Platform Supports	44. Accommodation Ladder Rail 2
5. 291 Radar Antenna	19. 16' Dinghy Thwarts	32. Forward Funnel Cap Grille	45. Accommodation Ladder Steps
6. .5" Vickers Quad Gun Mounting	20. 16' Dinghy Rudder	33. Aft Funnel Cap Grille	46. Mainmast Tripod Poles
7. Searchlight Lens Cross	21. Boat Davits	34. Bridge Front DF Antenna	47. Mainmast Yardarm
8. Bridge Awning	22. 27 Whaler Securing Straps	35. Anchor Chain	48. Aft Funnel Sirens
9. Forward Blast Shield Supports	23. 30' Gig Securing Straps	36. Rocket Flare Launch Rails	49. Aft Funnel Siren Platform
10. Bridge Windshield	24. Short Mainmast	37. Depth Charge Davits	50. Foremast Lower Yardarm
11. Aft Blast Shield Supports	25. Short Mainmast Yardarm	38. Depth Charge Rail Frame	51. Foremast Upper Yardarm
12. 27 Whaler Oars	26. Vertical Ladder Stock	39. Depth Charge Rail Plate	52. Forward Carley Raft Racks
13. 27 Whaler Thwarts	27. Inclined Ladders	40. TSDS Stern Gantry	53. Aft Carley Raft Racks
14. 27 Whaler Rudders			

### General Instructions for 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.
- Cyanoacrylate adhesive (Super glue) or contact adhesive such as Elmers white 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 #11 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 #17 or #18 will give a good sharp corner, or alternatively a small pair of smooth jawed pliers may be used.
- 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.
- It is suggested that rails are pre-measured, where practical, using a pair of compass dividers and then tacked to the deck edge every third or fourth stanchion with a small drop of glue. When a section is complete, run a thin line of glue along the inside edge to attach it firmly to the deck.

### REPLACEMENT GUN SHIELD ASSEMBLY



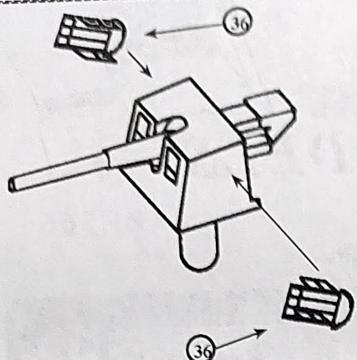
Fold the replacement gun shields, etched parts 29, to shape as shown, then secure edges with adhesive. Make 4 items.

Use these gun shields to directly replace kit parts F9. These are fitted in the same way as described in the kit instructions

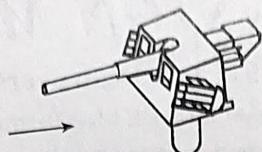
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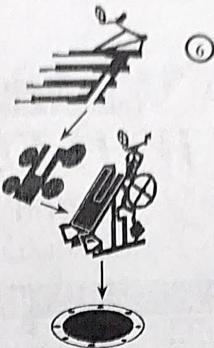
### FLARE LAUNCHER RAILS ASSEMBLY



Some ships of the II and F classes were fitted with rocket flare launchers for illuminating targets at night. These launchers were fitted to the main gun turrets in the 'B' and 'X' positions.  
Use etched parts 36, with the attachment brackets folded to 90° so that they are parallel, then attach to the sides of the gun shield, angled to avoid 43°.  
Check references as to when these were fitted, and to which ships.

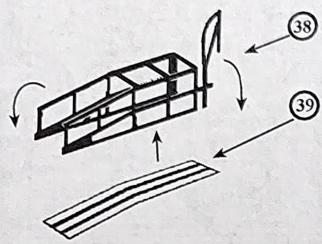


### 0.5" QUAD MACHINE GUN

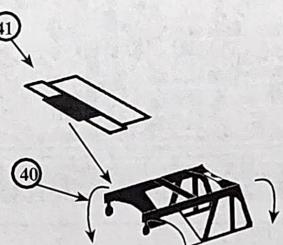


Assemble the half inch quad mounting by folding the side panels of the centre section so that they are parallel. Fix down to circular base. Fit the offset magazine part, so that they match the slot on the centre section.  
Fit the slot on the barrels section so that it slides over the slot on the centre section, with the barrels facing forwards as shown left. Make two of these to replace those provided in the kit as parts Q26.

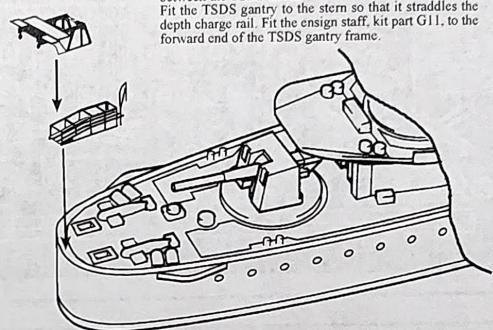
### DEPTH CHARGE RAIL AND STERN GANTRY ASSEMBLY



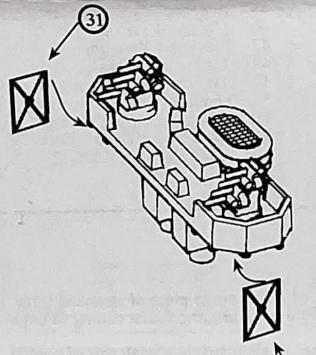
Fold down the sides of the TSDS gantry, etched part 40, then fit the platform as shown below.



Fold down the sides of the depth charge rail support frame, etched part 38, to 90° so that they are parallel, then fit the depth charge rail plate, etched part 39 inside the frame so that the edges attach to the angled centre bar on each side.

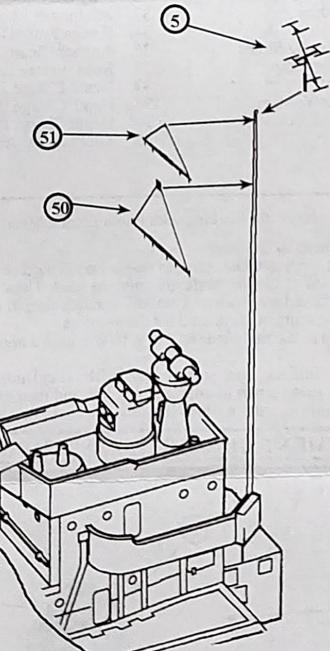


### GUN PLATFORM SUPPORTS



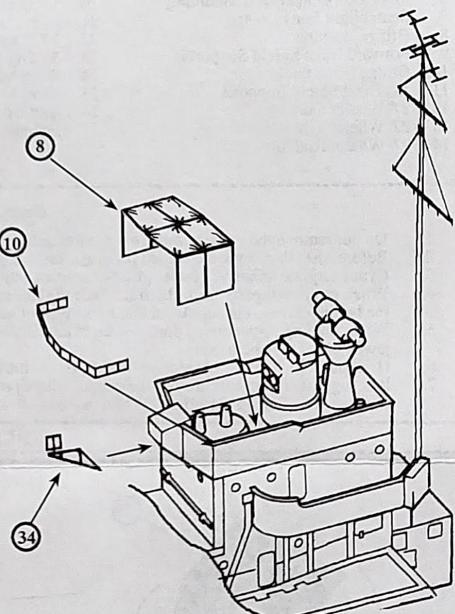
Fit the gun platform supports, etched parts 31, to the underside of the gun platforms as shown above. Fit the kit part as described in the kit instructions.

### FOREMAST YARDARMS & 291



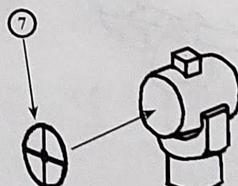
Fold the dipoles on the 291 radar antenna, etched part 5, so that the parallel bars are pointing fore and aft, as shown above. Fit the antenna to the top of the mast pole so that the cross is athwartships.  
Replace these with etched parts 50 and 51 as shown above. Alternatively these may be fitted over the kit part yardarms left in place for extra strength.

### BRIDGE FITTINGS

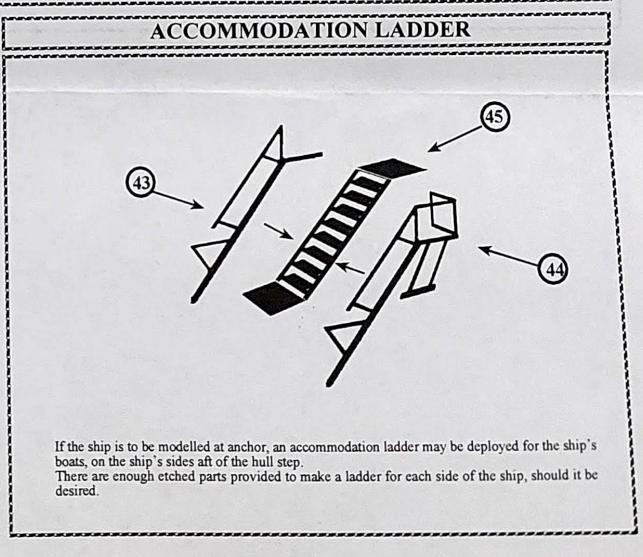
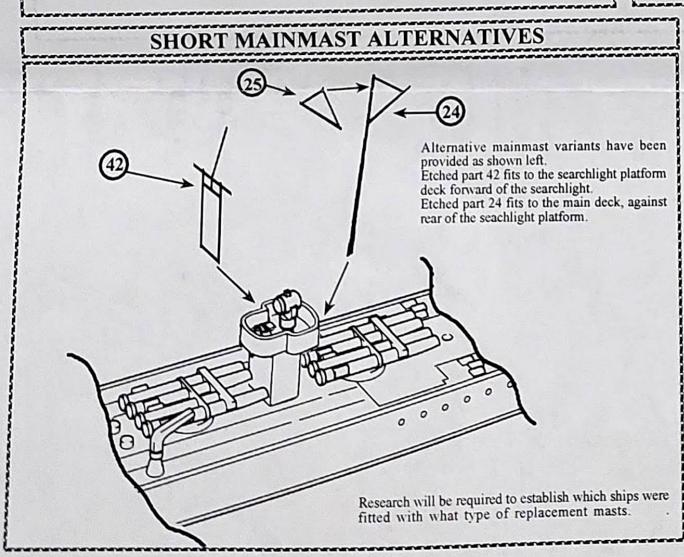
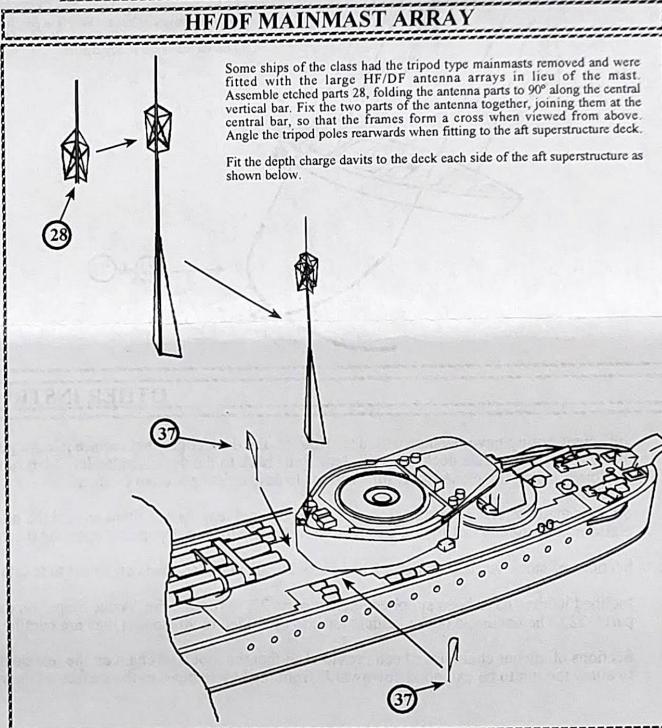
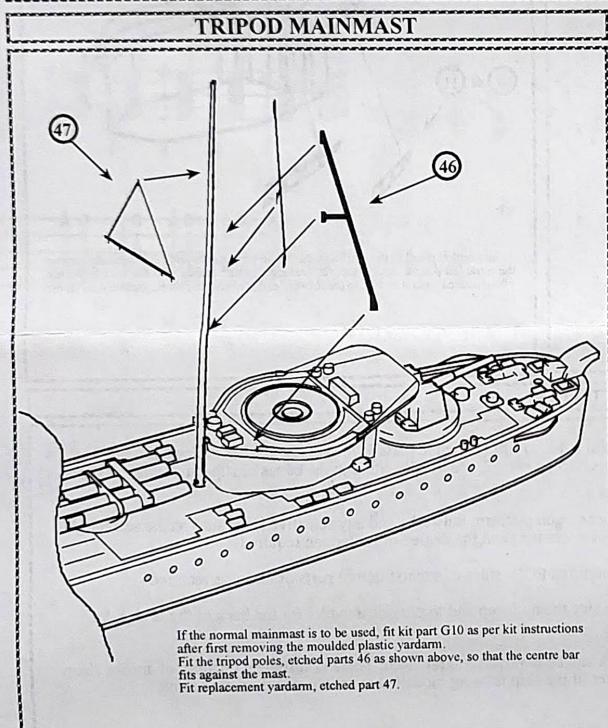
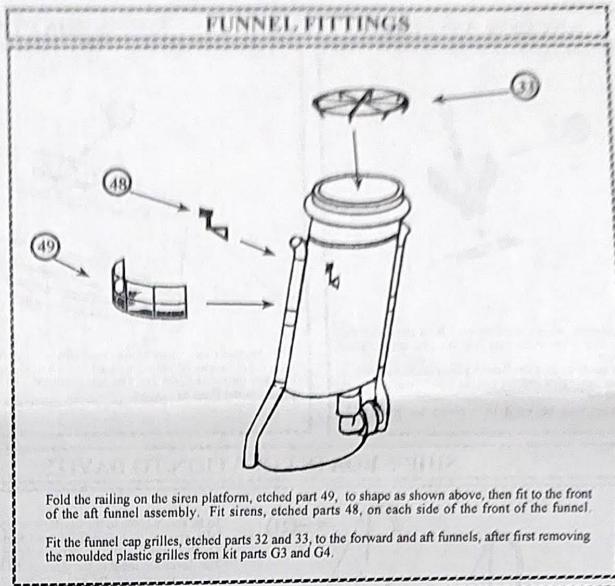
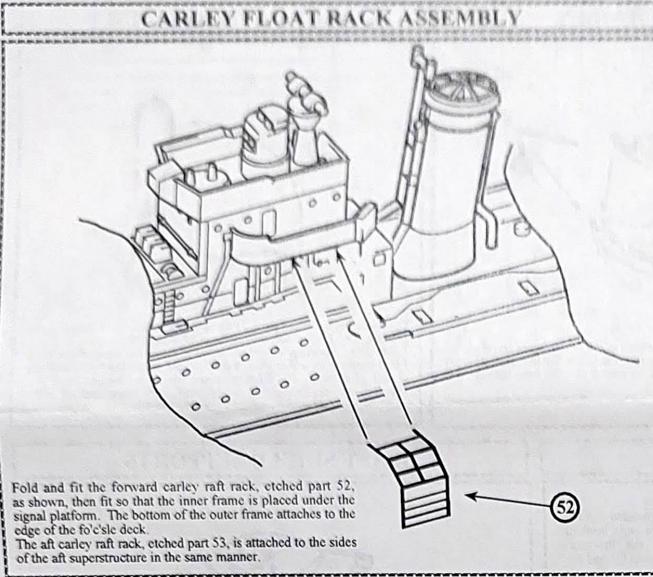


Some ships of the class were fitted with DF antennas on the front of the bridge at a later period of World War 2. In this case fit etched part 34 centrally to the front of the bridge as shown.  
Fold the bridge windshield, etched part 10, to shape so that it fits around the edges of the bridge bulwarks.  
The bridge awning has been provided as an alternative part that could be fitted to ships if required. Shape etched part 8 as shown so that the side frames are parallel. These fit down inside the bulwarks and attach to the bridge deck. The top of the awning was canvas and should be coloured 'Off White'.

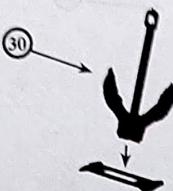
### SEARCHLIGHT LENS



The searchlight lens cross may be fitted to kit part G13 after first drilling out the front of the searchlight to give the lens depth.

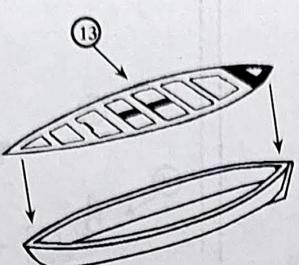


### ANCHOR ASSEMBLY



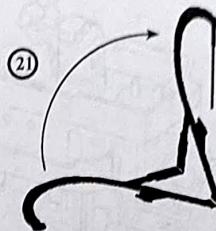
Assemble photo etched anchors 30 as shown above, by fitting the fluke base into the slot in the tipper palm.  
Fit anchors into the hawse pipes each side of the bow, after first drilling out the holes with a .75mm drill bit.  
These can be used to replace kit parts G2.

### SHIP'S BOATS ASSEMBLY



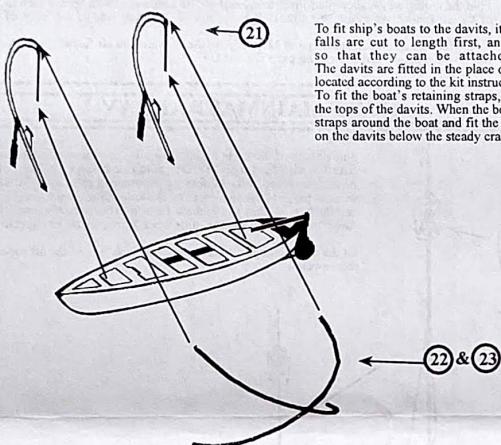
The moulded plastic thwarts may be removed from the insides of the ship's boats and replaced with the etched metal items provided in the set. This assembly method is the same for all types of boats provided in the kit. The oars provided with this set can be divided from the tags and placed in the boats as desired.

### BOAT DAVIT ASSEMBLY



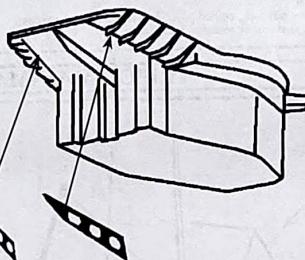
Fold the davits, etched parts 21 in half so that the relief etched detail is outermost. Fix the halves together with adhesive.  
Four sets of davits have been provided in this set as some ships were fitted with davits either side of the forward superstructure under the signal platforms. 27' Whalers were fitted in this position.  
When there were two sets of davits fitted on the main deck aft of the step, there would usually be 30' Gigs fitted here.

### SHIP'S BOATS LOCATION TO DAVITS



To fit ship's boats to the davits, it is recommended that the falls are cut to length first, and then the ends hooked so that they can be attached under the thwarts. The davits are fitted in the place of the kit parts G1 and are located according to the kit instructions.  
To fit the boat's retaining straps, fit the two upper ends to the tops of the davits. When the boat is in position, wrap the straps around the boat and fit the two lower ends to a point on the davits below the steady cradles.

### BLAST SHIELD SUPPORTS



To add further detail to the gun blast shields on kit parts G9 and G21, carefully remove the moulded plastic outer supports, leaving the side braces in place on the shields. Fit the etched parts 9 and 11 to the forward and aft blast shields respectively, as shown above.

### OTHER INSTRUCTIONS

1. Sufficient railing have been provided to fit to all the deck edges that require it. As a general guide to fitting, etched parts 1, the standard 3-bar railings, are fitted to the edges of the fo'c'sle deck from the Jack Staff back to the deck step ladder. 2-bar railings, etched parts 2, are usually fitted to the edges of superstructure decks and platforms, using the close stanchion sections to adjust fitting around corners.
2. Splinter matting, etched parts 4, can be cut to required lengths and fitted around the bridge and gun platform bulwarks and any sensitive areas such as the searchlight platform and signal platform. These varied from ship to ship depending upon the theatre of operations and the degree of protection required.
3. Sections of stock vertical ladder, etched parts 26, are supplied, that can be cut to length and fitted to the sides of superstructure parts or masts as required.
4. Inclined ladders have been supplied, etched parts 27, to replace the "Aztec Steps" on each side the hull step and to provide a ladder for the back of the bridge, kit part G22. The handrails of the ladders have to be folded to 90° so that they are parallel.
5. Sections of anchor chain have been provided so that the moulded chain on the fo'c'sle deck can be removed and replaced. There is sufficient quantity of anchor chain to allow the run to be extended downwards from the hawse pipes to the surface of the water, if the ship is being modelled at anchor in a diorama setting.