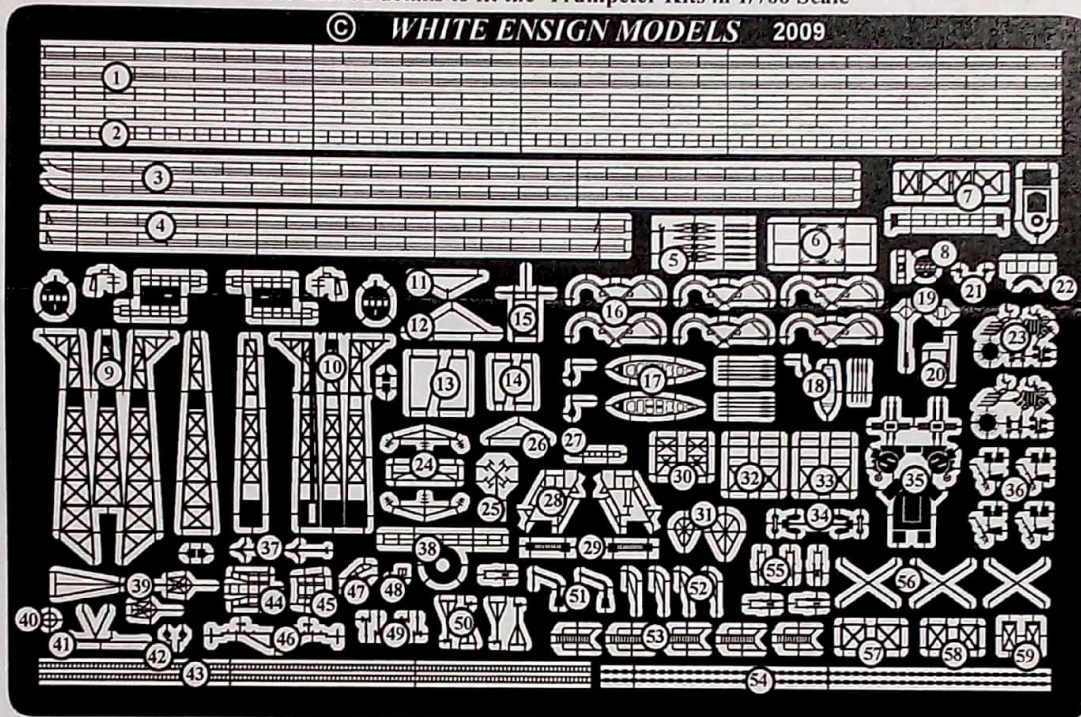


WHITE ENSIGN MODELS

British and Canadian Tribal Class Destroyers

PE793

Photo Etched details to fit the Trumpeter Kits in 1/700 Scale



PARTS LIST

- | | | |
|--|--|---|
| 1. Stock 3-Bar Railings | 21. Funnel Sirens | 40. Searchlight Lens Cross |
| 2. 2-Bar Platform Railing | 22. Funnel Siren Platform | 41. Jack Staff |
| 3. Main Deck Railings | 23. 0.5" Quad Machine Guns | 42. Signal Lamps |
| 4. Focle Deck Railings | 24. 286 Radar Antenna | 43. Vertical Ladder Stock |
| 5. 282 Gunnery Radar Antenna | 25. 291 Radar Antenna | 44. Medium Depth Charge Rails |
| 6. Bridge Canopy | 26. Tripod Mainmast Yardarm | 45. Short Depth Charge Rails |
| 7. Searchlight Platform Assembly | 27. Bridge Windows | 46. Lattice Foremast Yardarms |
| 8. 276 Radar Antenna | 28. Accommodation Ladder Handrails | 47. 'A' Gun Training Stop Frames |
| 9. Lattice Foremast Assembly (Type 1) | 29. Accommodation Ladder Steps | 48. Bridge Front DF Antenna |
| 10. Lattice Foremast Assembly (Type 2) | 30. Midships Carley Raft Stowage Racks | 49. Short Stovepipes |
| 11. Tripod Foretopmast Yardarm | 31. Funnel Cap Grilles | 50. Long Stovepipes |
| 12. Tripod Foremast Lower Yardarm | 32. Forward Carley Raft Stowage Racks | 51. Torpedo Loading Davits |
| 13. Tripod Foremast Spacer Frame | 33. Aft Carley Raft Stowage Racks | 52. Depth Charge Loading Davits |
| 14. Tripod Mainmast Spacer Frame | 34. Anchors | 53. Inclined Ladders |
| 15. Short Mainmast Antenna Spreader | 35. 4-Barrelled Pom-Pom Assembly | 54. Anchor Chain |
| 16. Boat Davits | 36. 20mm Single Oerlikons | 55. Twin 20mm Oerlikon Power Mounts |
| 17. 27' Whaler Fittings | 37. Signalling Semaphores | 56. Sea Boat Retaining Straps |
| 18. 16' Dinghy Fittings | 38. HACs Tower Platform (Haida) | 57. Forward Gun Platform Supports (Haida) |
| 19. Diamond HF/DF Antenna | 39. Mainmast HF/DF Antenna Pole | 58. Forward Gun Platform Supports |
| 20. Headache Antenna | | 59. Midships Gun Platform Supports |

General Instructions for working with Photo Etched Metal

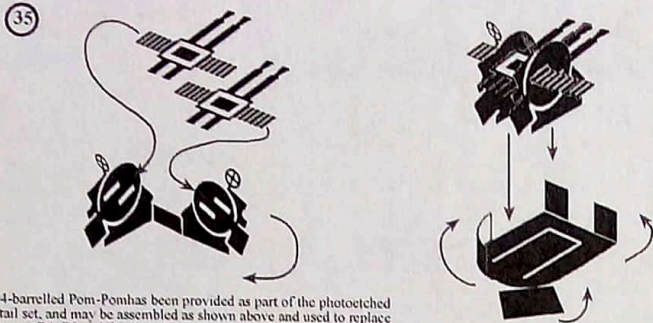
- Do not remove the etched parts from the fret until you are ready to use them.
- Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting.
- Cyanoacrylate adhesive (Super glue) or contact adhesive such as Elmers white glue may be used. 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.

© WHITE ENSIGN MODELS LTD 2009

8532 Lamar drive, Huntington Beach, CA 92647 USA

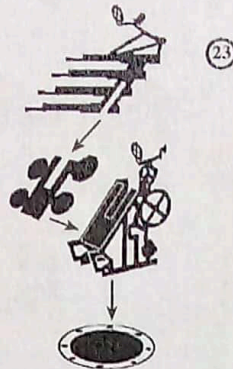
Email: whiteensignmodels@aol.com website: <https://www.whiteensignmodels.com>

PHOTO ETCHED 4-BARRELLED POM-POM ASSEMBLY



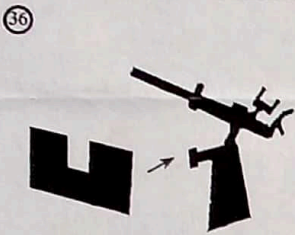
A 4-barrelled Pom-Pom has been provided as part of the photoetched detail set, and may be assembled as shown above and used to replace kit parts B4, B5 and B6 directly

0.5" QUAD MACHINE GUN



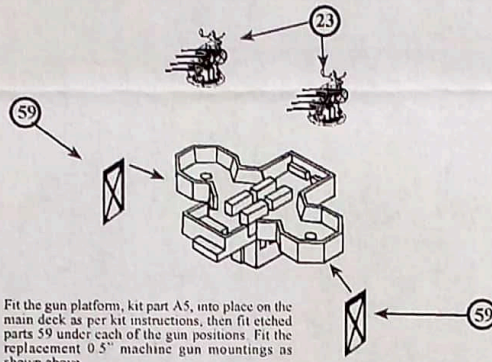
Assemble the half-inch quad mounting by folding the side panels of the centre section so that they are parallel. Fix down to circular base. Fit the offset magazine part so that they match the slot on the centre section. Fit the slot on the barrels section so that it slides over the slot on the centre section, with the barrels facing forwards as shown left. Make two of these to fit to either side of the AA gun platform kit part A5. These replace kit parts E4 directly

20mm OERLIKON



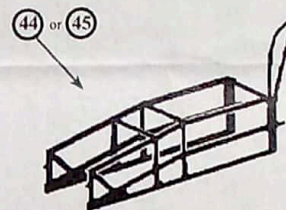
Assemble the 20mm mountings as shown above. These mountings were fitted at a later date to the positions occupied by the quad machine gun, and also to the gun platforms on each side of the forward superstructure

AA GUN PLATFORM SUPPORTS



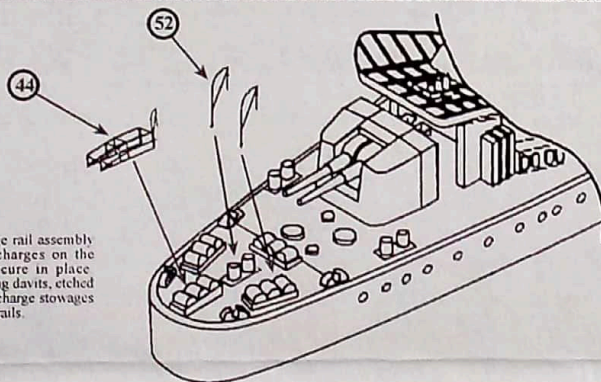
Fit the gun platform, kit part A5, into place on the main deck as per kit instructions, then fit etched parts 59 under each of the gun positions. Fit the replacement 0.5" machine gun mountings as shown above

DEPTH CHARGE RAILS



Fold the sides of the depth charge rails, etched part 43 or 44, down to 90° so that they are parallel as shown above. The item shown above is the larger depth charge rail that was fitted later to the British and Canadian ships of the class. The early fit British ships had the short depth charge rail, etched part 44

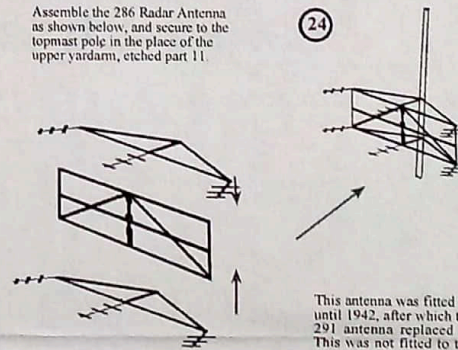
DEPTH CHARGE RAIL LOCATION



Fit the chosen depth charge rail assembly over the molded depth charges on the stern of the ship and secure in place. Fit the depth charge handling davits, etched parts 52, next to the depth charge stowages on the deck forward of the rails.

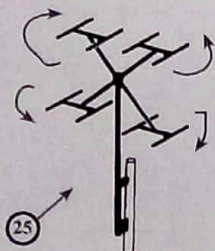
286 RADAR ANTENNA

Assemble the 286 Radar Antenna as shown below, and secure to the topmast pole in the place of the upper yardarm, etched part 11.



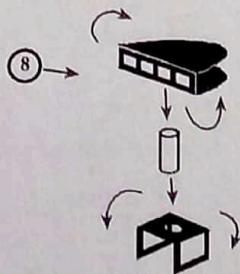
This antenna was fitted up until 1942, after which the 291 antenna replaced it. This was not fitted to the topmast of the lattice masts

291 RADAR ANTENNA



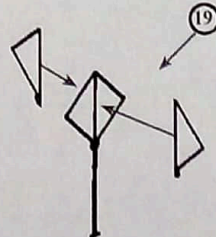
The 291 radar antenna is folded into shape by bending the outer dipoles so that they face in the direction shown above. This antenna is fitted to the very top of the topmast pole. Further research will be required to establish which ships of the class had this radar fitted

276 RADAR ANTENNA



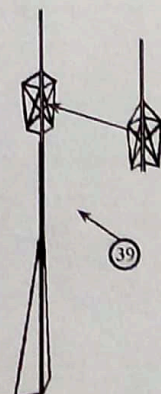
This radar was fitted to the top platform of the lattice mast. Assemble by folding the half circular plates back to 90° from the front plate. Cut a small length of plastic rod or stretched sprue and use as a spindle to fit the antenna to its base as shown above

DF ANTENNA ASSEMBLIES



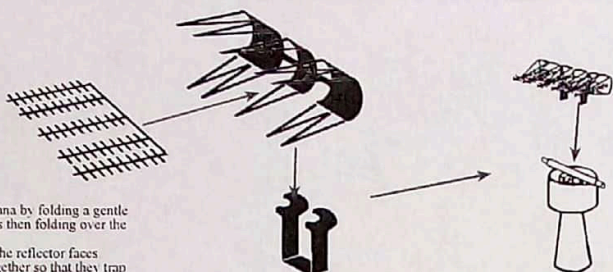
Assemble the small diamond style of HF/DF antenna as shown left. This antenna was fitted to *HMS Eskimo* and others in the class during their early years of service

The tall HF/DF antenna mast was fitted to several of the ships in the place of the mainmast, but fitted in place of the top gallant on the foremast of the Canadian ships of the class.



285 YAGI ANTENNA

5



Assemble the 285 Fire Control antenna by folding a gentle curve on to the rectangular reflectors then folding over the stays so that they face forwards.
Fit the set of dipoles centrally onto the reflector faces.
Nip the pointed ends of the stays together so that they trap the centre bar of the dipoles between them. Fit the mounting arms to the spindles between the reflectors.
The complete assembly then fit onto the top of the main gun rangefinder on the bridge, or on top of a HACs director depending on what was fitted to a particular ship.

Kit Parts B1 B12 and B15

ANCHOR ASSEMBLY

34



Assemble photo etched anchors 34 as shown above, by fitting the fluke base into the slot in the upper palm.
Fit anchors into the Hawse pipes each side of the bow, after first drilling out the holes with a 5mm drill bit.
These can be used to replace kit parts E9.

LATTICE FORE MAST VARIANTS AND DETAILS

9 or 10

Fold the sides of the mast around so that they are parallel, then tow in the tops so that the edges meet all the way up. Secure in place with super glue. Fit the front lattice so that it passes between the two platform extensions.

British Type Lattice Mast

To fit this mast to the kit requires a small amount of modification to the kit part A6, in that the rear section of the signal platform bulwark needs to be removed completely to allow the front of the mast to locate on the signal platform deck.

39

Canadian Type Lattice Mast

To fit the Canadian version of the lattice mast, not only must the rear section of the signal platform of kit part A6 be removed, but the housing below must be built up to be flush with signal deck. This housing must also be extended aft by 1.5mm. This can be done by cutting out small rectangles of plastic card and fixing them in place on the surfaces of the kit housing parts.
Note: This modification was also done to some of the British ships that were fitted with tripod masts.

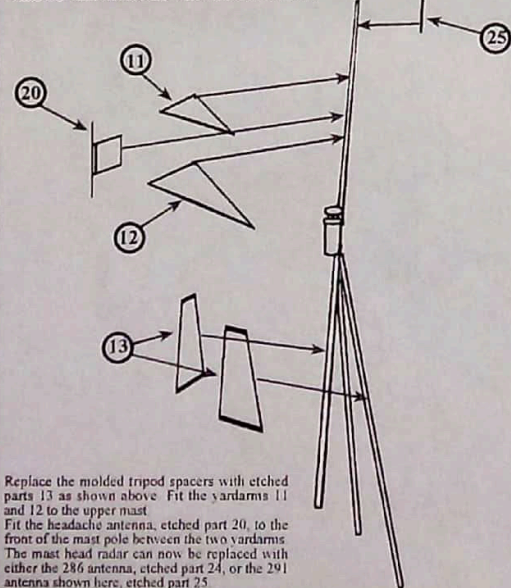
Fit the yardarms, etched parts 46 to the top of the lattice side panels. Fit the top platform after first folding and shaping railings to fit around the edges.

Fit the IFF antenna to the back of the mast as shown.

Fit the assembled 276 radar antenna to the top platform.

TRIPOD FORE MAST DETAILS

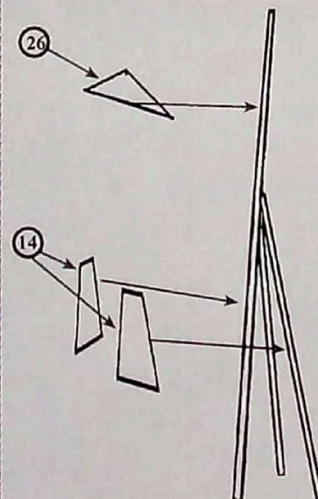
To detail the fore mast supplied in the kit using the etched parts provided, the molded triangular spacers fitted between the tripod legs must first be removed. Also remove the mast head radar antenna.



Replace the molded tripod spacers with etched parts 13 as shown above. Fit the yardarms 11 and 12 to the upper mast.
Fit the headache antenna, etched part 20, to the front of the mast pole between the two yardarms. The mast head radar can now be replaced with either the 286 antenna, etched part 24, or the 291 antenna shown here, etched part 25.

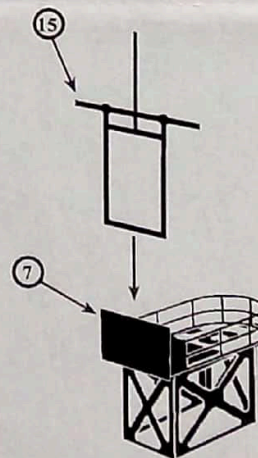
TRIPOD MAIN MAST

The main mast supplied in the kit is little more than a plastic pole and does not resemble anything that the actual ships had fitted. This assembly shows how an early tripod main mast can be manufactured quite easily.



Cut a mast pole to a length of 21mm from 20thou (0.5mm) diameter brass rod and taper at the top end. Cut two tripod poles to a length of 16mm from 15thou (0.3mm) brass rod. Fit the mast pole centrally to the deck just aft of the searchlight platform, then fit the two tripod poles to come together 5mm below the top of the mast. Fit etched parts 14 as spacers for the tripod. Fit the yardarm 26 to the top mast.

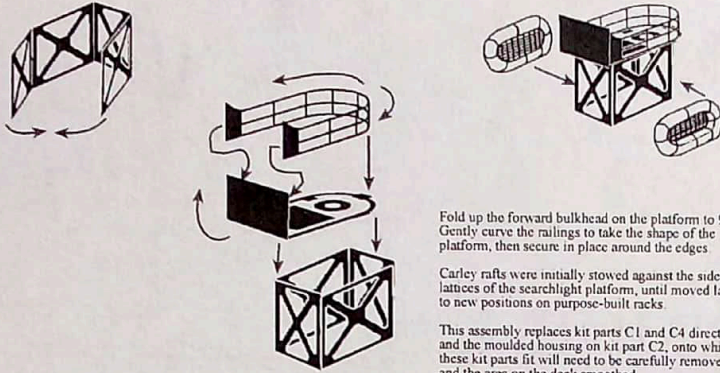
WIRE ANTENNA SPREADER



The tripod main mast was removed from most ships of the class later in WW2 and replaced with a frame mounted on the front of the searchlight platform. This was fitted with an insulated spreader bar, that secured the ends of the wire HF radio antennas from the fore mast.
This assembly is shown simply above, fitting etched part 15, to the forward bulkhead of the searchlight platform etched part 7.

SEARCHLIGHT PLATFORM ASSEMBLY

- 7 Fold the lattice support frame for the searchlight platform around on itself and secure the end edges together

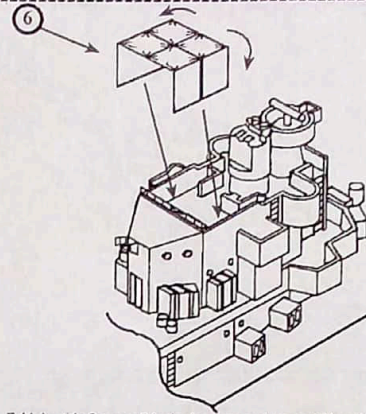


Fold up the forward bulkhead on the platform to 90°. Gently curve the railings to take the shape of the platform, then secure in place around the edges.

Carley rafts were initially stowed against the side lattices of the searchlight platform, until moved later to new positions on purpose-built racks.

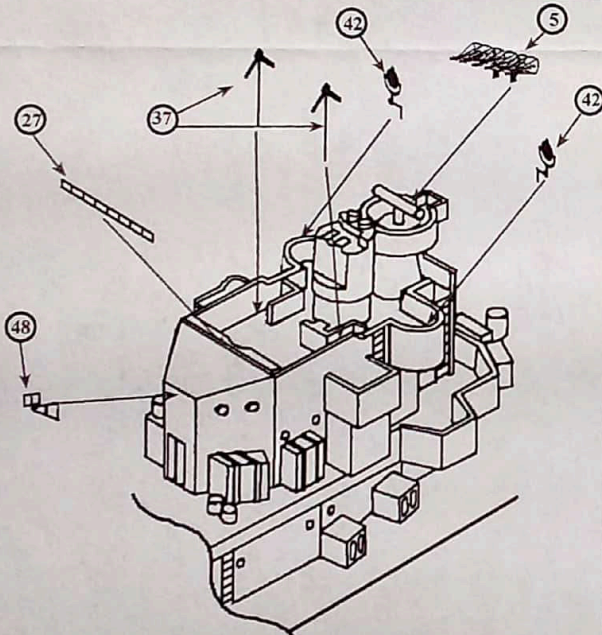
This assembly replaces kit parts C1 and C4 directly, and the moulded housing on kit part C2, onto which these kit parts fit will need to be carefully removed and the area on the deck smoothed.

BRIDGE CANOPY LOCATION



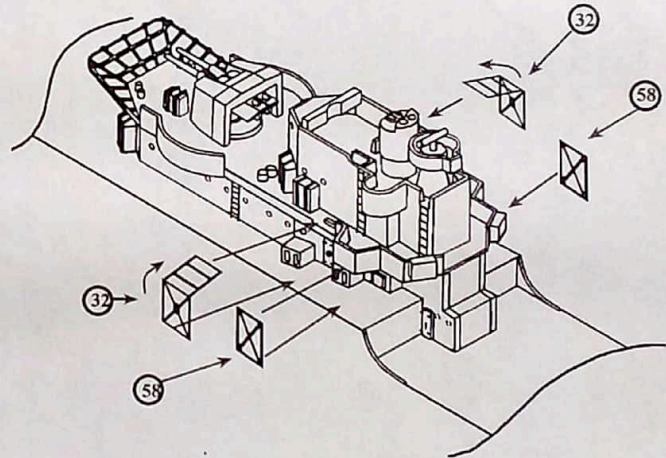
Fold the side frames of the bridge canopy down to 90° so that they are parallel, then fit to the bridge deck against the insides of the side bulkheads. This canopy was not always fitted when at sea, and was used in fair weather as sun protection.

BRIDGE DETAILS



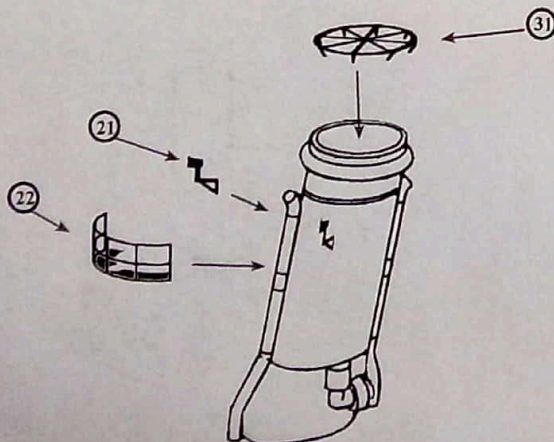
Fit the bridge windshield, etched part 27, to the raised rim at the front of the bridge. Fit the semaphores, etched parts 37, inside the enclosures on the bridge deck. Fit the small signaling lamps, etched parts 42, to the curved bulkheads of the upper sponsons. Fit the small DF antenna, etched part 48, centrally to the front of the wheelhouse.

CARLEY RAFT RACK LOCATION



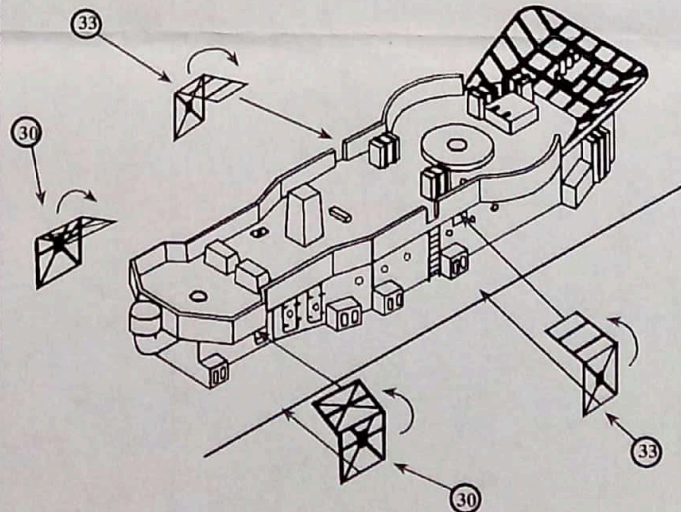
Fit the forward gun platform supports, etched parts 58, to the underneath of the platforms as shown above. The Canadian ships had a larger gun platform, therefore larger support frames, etched parts 57, have been supplied and are fitted in the same manner. Fold and fit the forward Carley raft racks, etched parts 32 as shown above. Research will be required to establish which ships had these fitted and at what time frame.

FUNNEL FITTINGS



Fold the railing on the siren platform, etched part 22, to shape as shown above, then fit to the front of the aft funnel assembly. Fit sirens, etched parts 21, on each side of the front of the funnel.

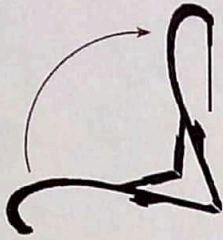
Fit the funnel cap grilles, etched parts 31, to the forward and aft funnels, after first removing the moulded plastic grilles from kit parts A17 and B17.



Fold and fit the Carley raft racks, etched parts 30, to the forward position on the aft superstructure as shown so that the inner edge of the rack fits against the Pom-Pom platform splinter shield. Fold and fit the Carley raft racks, etched parts 33, to the Canadian Tribals only. These replace kit parts E11, and are fitted late war to British Tribals.

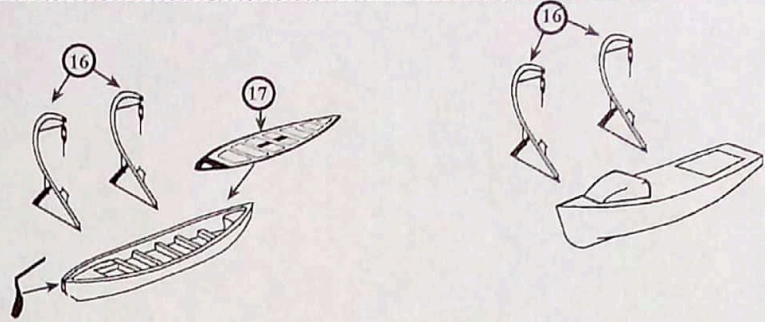
DAVIT ASSEMBLY

16



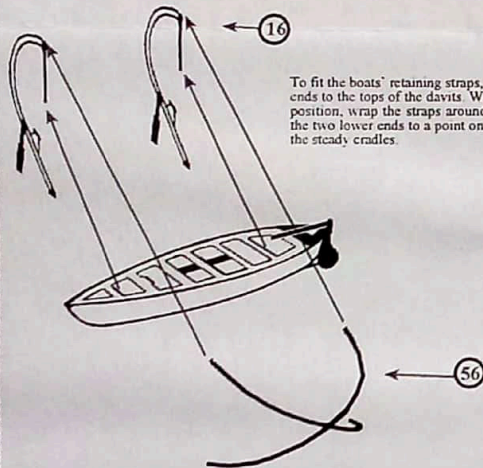
Fold the davits, etched parts 16 in half so that the relief-etched detail is outermost. Fix the halves together with adhesive. Three sets of davits have been provided in this set as some ships carried up to 3 boats. Unfortunately, no davits have been supplied as plastic parts in the kit, though all three large boats were hung from davits. The boats in the kit have been provided with molded-on cradles on the deck, which is incorrect. Remove these cradles carefully and replace with the davits supplied.

BOATS ASSEMBLY



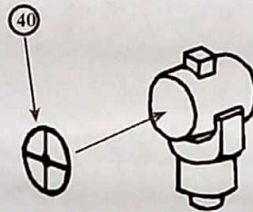
It may be found to be easier if the davits are fitted into position on the deck first. Then drill small holes in the deck of the boats in the positions so that the falls may pass through and ease the fitting of the boat to the davits. Once the boat is in position on the davits it can then be secured in place with a drop of superglue on each of the falls.

SHIP'S BOATS LOCATION TO DAVITS



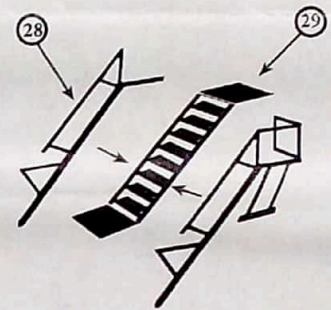
To fit the boats' retaining straps, fit the two upper ends to the tops of the davits. When the boat is in position, wrap the straps around the boat and fit the two lower ends to a point on the davits below the steady cradles.

SEARCHLIGHT LENS



The searchlight lens cross may be fitted to kit part E13 after first drilling out the front of the searchlight to give the lens depth.

ACCOMMODATION LADDER



If the ship is to be modelled at anchor, an accommodation ladder may be deployed for the ships boats, on the ships sides aft of the hull step. There are enough etched parts provided to make a ladder for each side of the ship, should it be desired.

OTHER INSTRUCTIONS

1. Etched parts 1 and 2 are stock railing sections that have been supplied to be cut to length and fitted to various platforms and superstructure decks if desired. Etched parts 3 are railing sections that have been tailored to length to fit along the edge of the main deck from the hull step, into which the curved end fits, along and round the stern to the depth charge rack. Etched parts 4 are railing sections tailored the sides of the focsle deck from the jackstaff aft to the hull step.
2. Etched parts 18 are the fittings for a 16' Dinghy that some ships of the class carried but have not been included in the *HMS Eskimo* kit. These parts are present in case future kits have them, and they are assembled in the same manner as that of the 27' Whaler.
3. Inclined ladders, etched parts 53, have been included to be fitted in places such as the hull step up to the focsle deck. Stock vertical ladder, etched parts 43, has been supplied to be cut to lengths required for fitting to the sides of superstructure and bridge units, and to masts as desired.
4. Etched parts 55 are the barrels for twin 20mm Oerlikons on powered mountings that were fitted to the Canadian ships late war. If Trumeter includes these mountings in later kits, these barrels can be used to replace those on the kit parts.
5. Anchor chain, etched parts 54, has been supplied in sufficient length to allow the waterline kit to be modeled in an at anchor diorama setting, with the anchor chains streamed out through the hawsepipes down to the surface of the water. The remainder of the chain may be used to replace the molded-on chain on the fore deck.
6. References for modelling your Tribal class destroyer may be found in the new Chatham Publication, *British Destroyers and Frigates... The Second World War and After*, by Norman Friedman and A. D. Baker III. Also The old publication *British Destroyers* by Edgar March provides an excellent plan and profile of *Eskimo* if one can be found. *British Warships of the Second World War* by John Roberts also has a good plan and profile of *Eskimo* included in its pages.