General Instructions when using Photoetched Parts

1. Do not remove the etched parts from the fret until you are ready to use them.
2. Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting.
3. 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.
4. 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. We suggest using a #11 type of modelling knife blade for this purpose.
5. 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.
6. 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.
7. It is suggested that stock rails are pre-measured, where practical, using a pair of compass dividers & 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.

INTRODUCTION

1. This photoetched detail set provides a general set of parts to enhance the appearance of the Trumpeter HMS Eskimo kit in 1/350 scale, & also to correct some of the inaccuracies that have been noted from various sources.
2. The ship's boats as supplied in the kit are more to the pattern of those found fitted to German ships of the era and are not representative of the typical Royal Navy pattern boats fitted to destroyers & escorts of the period. To correct this error, WEM Pro 3532 provides a 27' Whaler, 25' Motor Boat & a 25' Admiralty Motor Cutter. These replace the kit parts C4, B10 and B34 respectively. The detailing, fitting & location of these boats is covered in further sections of these instructions.
3. WEM Pro 3532 also provides two propellers to replace the kit parts B7 & B43.
4. Another issue with the kit has been raised in that kit parts D4, D5 and D17 build into an 8-barrelled 2-pounder AA gun mount, which were not fitted to small ships. A smaller 4-barrelled version was the standard anti-aircraft gun on Royal Navy destroyers & escorts, & can be obtained using WEM Pro 3508 which, when assembled, will fit directly into the location provided in the kit.
5. Several parts have been included in this detail set to allow the modeller to build the kit in later time periods than that allowed by the kit parts. For example there are two types of lattice mast provided so that other ships of the class can be built in later war fits. The spare aft superstructure deck that has the raised AA gun platform in place of the seachlight platform is one such part. Additional AA guns are also supplied in the kit that are not referred to in the instructions. Further research to establish the fit of the model being built & the time frame in which it is being portrayed is essential to be able to use the additional parts supplied in the kit & in this detail set to the best effect.
6. While every effort has been made to ensure as full an explanation as possible of the parts included in this set & their assembly to the relevant kit, sometimes one or two items may appear to get overlooked. If there are no assembly diagrams in the main part of the instructions, then there should be a text explanation in the other instructions section or a location of parts provided in the parts list. If there is still difficulty in establishing how a part is assembled or located on the kit, contact White Ensign Models & we will be pleased to help resolve the problem.
PHOTO ETCHED PARTS IDENTIFICATION

1. 3-Bar Railing (Main Deck Sections)
2. Midships AA Gun Platform Supports (Early)
3. Midships AA Gun Platform Supports (Late)
4. Railings (Galley Roof)
5. Railings (Foc'sle Deck)
6. Railings (X Gun Deck)
7. Railings (Foc'sle Sheer)
8. Railings (B Gun Deck)
9. Railings (Pom-Pom Deck)
10. Lattice Mast Yardarms
11. 281 Radar Antenna
12. 0.5" Quad Machine Gun Mounts
13. 20mm Oerlikon Single Mounts
14. Bridge Canopy
15. 25' Fast Motor Boat Fittings
16. 25' Admiralalty Motor Cutter Fittings
17. Jack Staff
18. Headcase Antenna
19. Ensign Staff & Boat Boom
20. Accommodation Ladder Handrails
21. Accommodation Ladder Steps
22. Mainmast Yardarm
23. 286 Radar Antenna Assembly
24. Lattice Mast Top Platform
25. Tripod Foremast Upper Yardarm
26. Tripod Foremast Lower Yardarm
27. Lattice Foremast Type 1
28. Lattice Foremast Type 1 Front Section
29. Mainmast Gaff
30. Lattice Foremast Type 2
31. Lattice Foremast Type 2 Front Section
32. Lattice Mast 1FF Antenna
33. Msd Gun Platform Outer Supports
34. Forward Gun Platform Supports (Late)
35. Forward Gun Platform Supports (Early)
36. Boat Davits
37. 27' Whaler Thwarts
38. 27' Whaler Rudder & Oars
39. Forward Funnel Cap Grille
40. Aft Funnel Cap Grille
41. Bridge Front DF Loop Antenna
42. 282 Yagi Radar Antennas
43. 285 Yagi Radar Antennas
44. 276 Radar Antenna
45. Pole Mast DF Antenna
46. Bridge Semaphore
47. Stern Depth Charge Rails
48. Tripod Mast Top DF Antenna
49. Searchlight Platform
50. Searchlight Platform Railings
51. Searchlight Platform Lattice Tower
52. Forward Life Raft Racks
53. Midships Life Raft Racks
54. Bridge Signal Lamps
55. Y Gun Training Stops
56. A Gun Training Stops
57. Anchor Chain
58. AA Yagi Antennas
59. Ships' Name Plates
60. 16' Motor Boat Cradles
61. Searchlight Lens Cross
62. Stove Pipes (Braced)
63. Depth Charge Loading Davits
64. Anchors
65. Mainmast Wire Antenna Spreader (Late)
66. Torpedo Loading Davit
67. Vertical Ladder Stock
68. Depth Charge Stowage Racks
69. Stern Depth Charge Rails (Alternative)
70. Stove Pipes (Plain)
71. Inclined Ladders
72. Aft Funnel Sirens
73. Bridge Windows
74. Binocular Sights
75. Aft Life Raft Racks
Assemble the half-inch quad mount by folding the side panels of the centre section so that they are parallel; fit down to circular base. Fit the four offset magazine images 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 forward as shown above. Make two of these if the ship is being modelled pre-1941.

Assemble the single 20mm Oerlikons, etched parts 13, by first twisting the shoulder braces round to 90º then bending the arms back so that they are parallel. Fit the shield into position centrally on the spigot below the barrel. These gun mounts replaced the quad 0.5" machine gun mounts & were fitted additionally to bridge wings & the aft superstructure.

Using etched parts 13 as the cross-braced supports under the quad machine gun wings, fit kit part C3 into place on the deck using only one kit part B8 at the forward end of the platform. Fit etched parts 2 or 3 in place of the aft end kit part B8 for the early fit.

Assemble the 286 radar antenna as shown below, & secure to the foremost top pole above the upper yardarm. Eskimo was fitted with this antenna after her repairs in 1940.

Assemble the 285 Yagi antenna by making a smooth curve onto the rectangular reflectors, then folding over the stays so that they face forward. Fit the set of dipoles centrally onto the reflector faces, locating the pegs into the slots. The complete assembly then fits onto the top of the rangefinder base pintle, kit part F7, after removing the extended arms, then fitting into the rangefinder tub, kit part D16.

Assemble the 282 Yagi AA Armament Director antenna as shown above. Ensure the points of part 42 are pinched together after the dipoles are fitted into place. Fold down the mounting plates each side into the position shown. Make two sets. Fit these onto plastic rod pintles and fit into the curved extensions to the rear of the bridge above the forward AA gun deck.

Assemble the Yagi radar antennas by curving the rectangular dishes of etched parts 58 as shown. Fit the dipoles into the holes in the centre of the dishes so that they are parallel. Fold mounting in half so that the etched detail is outermost, then attach centrally to the two joining bars between the radar dishes. Fit these as alternatives to etched parts 42.

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 foremost top pole & was fitted during 1943.

If the earlier fit is being modelled, make the mast top HF/DF antenna by folding each of the diamond-shaped parts to 90º down the centre. Fit the centres together as shown so that the points are fore and aft and athwartships.

If the later war fit is being modelled, shape the large HF/DF antenna top as shown above. This can now be removed from the etched tripod pole & fitted to a pole on top of the foremost lattice platform, as shown in a later diagram, or fitted in place of the mainmast on the aft superstructure.

Shape and fit the trailings, etched parts 5, to the fo’c’sle deck edges as shown above. Trailings sections, etched parts 1, are fitted in the same manner to the edges of the main deck from the fo’c’sle step to the stern. The curved ends to these trailings fit against the curved spray shields at the forward ends of the main deck. If the fore deck has been raised to add the correct sheer, upswept sections of trailings, etched parts 7 have been provided to replace a matching length of the straight trailings.

Assemble photoetched anchors 64 as shown above. Fit anchors into the hawsepipes each side of the bow. These hawsepipes may need to be filled and drilled out higher up of the fore deck has been raised to add sheen.

Assemble the anchors, etched parts 64, in to the hawsepipes, as shown.
**FORWARD SUPERSTRUCTURE DETAILS**

Fit the Rangefinder Tower and Director Control Tower (DCT) parts 13 and 19 to the locating holes at the rear of the bridge. If the 285 antenna, etched part 43 is to be fitted, remove the arms from the top of kit part F7 before fitting.

Shape and fit etched part 73, bridge windscreen to the front edge of the bridge. Etched part 14, bridge canopy need only be fitted if desired.

Fit the two elevation stop frames, etched parts 56, to the underside of the blast shield as shown.

Fit the bridge front DF antenna, etched part 52, centrally to the front of the bridge. Fit stove pipes, etched parts 69, to each side of the forward superstructure, onto the molded ducts.

Bend the funnel cap grilles attachment legs down so that they all attach to the top rims of the funnels. Secure the grilles into place.

Fit funnel mounted sirens, etched parts 72, to the aft funnel just above the funnel platform as shown.

**FUNNEL CAP GRILLES & SIRENS**

**TRIPOD FOR MAST ASSEMBLY**

The headache antenna, etched part 18, was fitted to the front of the mast pole as shown post-1945.

Assemble the tripod foremast as detailed in the kits instructions using kit parts F4 and F11.

Remove the moulded plastic yardarms from the top section of the mast & replace them with etched parts 25 and 26 as shown above.

Delete the kit parts PE 10 & PE 11 & replace with etched parts 48 as shown above right if the kit is being modelled pre-1941. If the kit is being modelled in the 1941/42 period then fit the 286 radar antenna, etched parts 23 to the top mast. If the kit is being modelled in 1943 fit then shape & fit etched part 11 to the top of the foremast.

**LATTICE FOREMAST ASSEMBLY**

If the ship is being modeled post-1944, assemble the lattice foremast as shown above using the etched parts provided. Fold the side lattice panels to 90° so that they are parallel, then angle them in toward the top until the edges touch all the way up. Secure into place. Fit the front lattice panel so that the top fits between the top platform supports. Fold the railings on the top platform up to 90° & shape to fit around the edges of the platform. Fit the platform centrally onto the mast top. Fit the yardarms, etched parts 10 to each side as shown.

Shape the 276 radar antenna & its base as shown above, then fit to the base with a short piece of plastic rod.

Cut a 20mm length of 20 thou (0.5mm) diameter brass rod & fit the assembled HF/DF in place on top of it. Fit the pole mast to the rear of the mast top platform. Fit antenna, etched part 45, centrally to the top section of the lattice mast.

**LATTICE MAST TOP DETAILS**

To fit the lattice mast into the place that would have been taken by the tripod mast, the rear bulkhead & signal flag boxes must be removed from the rear of the forward superstructure.

There are two types of lattice mast provided in this set. They are both assembled in exactly the same way. The narrower mast base sits on top of the galley house roof rather than half & half as shown here.
BOATS ASSEMBLY

To assemble the davits, fold each one along the etched line at the base of the davit, so that the two side meet & secure in place with glue. It is recommended that the davits be fitted into place on the deck before the boats are fitted to them. Use these to replace kit parts B32 and B33.

Attach the phototetched boat details as shown left and above. To fit the boats to the davits, first mark out where the falls enter the boat, then drill a small hole at each point. Push the ends of the falls into the holes until the boats sit squarely in the davits then secure into place.

Fit the thwarts & rudder to the hull of the 27’ Whaler if desired, after first removing the moulded interior details. The boats shown here are those supplied in the WEM Pro 3532 set.

STARBOARD SIDE BOATS LOCATION

Fold the forward Carley raft racks, etched parts 38 to shape and fit in place on the forward superstructure if the ship is being modeled post-1944. Earlier time frames saw the Carley rafts fitted on the sides of the gun platform support cross-bracing, etched parts 42, only. Late war fit saw an additional pair of rafts fitted onto racks.

Fold and fit the large Carley raft racks, etched parts 75, to the sides of the pom-pom platform, if the late war 1944 fit is being modeled. The early or pre-war fit saw the Carley rafts fitted against the searchlight platform support cross-bracing. 1941 to 1943 saw shorter racks, etched parts 53, fitted against the aft superstructure adjacent to the searchlight platform.

The searchlight platform has been supplied with an alternate means of assembly, using either complete phototetched parts or a combination of the etched parts and the kit parts F5 and F10. Both assemblies are shown here though there are only enough parts for one. When using the kit parts, only the etched lattice tower support need be used.

PORT SIDE BOATS LOCATION

Fit the boats into place on the main deck all of the fore/ale steps. It may be easier to assemble the boats to the davits if the davit are first fitted to the deck & secured in place. There are locating holes on the main deck both port and starboard that were for the original kit davits to fit into, but these can be used to aid correct positioning.

Fit the extended platform supports, etched parts 34, to the underside of the gun platforms.

FORWARD AA GUN PLATFORM SUPPORTS

Extend these areas using Plastic Card

If an Australian Tribal is going to be modeled from this kit, the signal platform extensions will need to be enlarged. Do this by cutting away the bulwarks and signal flag lockers from the rear of the forward superstructure as far forward as the gun platform extensions, shown above. Cut two rectangles of 30-thou (0.75mm) thick plastic card & fit them to the sides of the superstructure & deck extensions aft of the gun platform.

Extend the existing bulwarks around the extended deck edges using 3mm strips of 30-thou plastic card.

AFT LIFERAFT RACK LOCATION

Fold and fit the 4-barrelled pom-pom assembly WEM Pro 3508 to the pom-pom platform at the forward end of the aft superstructure in place of kit parts D4, D5 and D17 that are incorrect.
ACCOMMODATION LADDER

Assemble accommodation ladders as shown above & fit to the ship either side of the main deck, adjacent to the aft superstructure if the ship is to be modelled at anchor.

MAINMAST ALTERNATIVES

If the ship is being modelled post-1941 then a tripod mainmast was fitted. Cut a 42mm length of 0.5mm (20-themed) diameter brass rod for the main mast pole, then cut two 32mm lengths for the tripod legs. Fit to the holes in the deck on top of the aft superstructure as shown above left & then fit the bracing frames, etched parts 16. Fit the yardarm, etched part 28. This part can be reinforced by fitting a length of 0.5mm (20-themed) diameter brass rod along the length of the spar.

If the ship is being modelled pre-1941, then a tripod mainmast was fitted. Cut a 42mm length of 0.5mm (20-themed) diameter brass rod for the main mast pole, then cut two 32mm lengths for the tripod legs. Fit to the holes in the deck on top of the aft superstructure as shown above left & then fit the bracing frames, etched parts 16. Fit the yardarm, etched part 28. This part can be reinforced by fitting a length of 0.5mm (20-themed) diameter brass rod along the length of the spar.

AFT WEAPONS LOCATIONS

If the ship is being modelled pre-1941, then a tripod mainmast was fitted. Cut a 42mm length of 0.5mm (20-themed) diameter brass rod for the main mast pole, then cut two 32mm lengths for the tripod legs. Fit to the holes in the deck on top of the aft superstructure as shown above left & then fit the bracing frames, etched parts 16. Fit the yardarm, etched part 28. This part can be reinforced by fitting a length of 0.5mm (20-themed) diameter brass rod along the length of the spar.

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DEPTH CHARGE RACK ASSEMBLY

Fold down the sides of the depth charge rails and stowage racks to 90º so that they are parallel, as shown below. Cut the required number of depth charges from 1.5mm plastic rod. These can be fitted with etched brass end caps (WEM PE 95239) if desired for added realism. Fit these to the rail plates and paint as desired, then fit the rails to the shaped horizontal bars on the inside of the frames.

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FIT THE ELEVATION STOP FRAMES, ETCHED PARTS 55, TO THE UNDERSIDE OF THE AFT BLAST SHIELD AS SHOWN BELOW.

4” HA Gun mount fitted to some ships from 1941 onwards as part of additional AA fit. These may be obtained from WEM separately.

FOC’SLE SHEER CORRECTION

The bow shape of the kit parts have not been rendered very accurately, as there is no sheer at all right at the bow, where there should be. If you wish to rectify this and produce a more accurately-shaped bow section, a fairly simple solution is to assemble the foc’sle deck, kit part E1, to the hull as shown in the kit instructions, but DO NOT cement the first 47mm from the stem aft to the breakwater. When the glued section of the deck is set, lift the front of the deck at the stem and raise it so the deck right at the stem is 3mm higher. The deck may be held in place by inserting a length of plastic strip between the underside of the deck and the ship’s sides.

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Using Milliput two-part modelling putty, fill the gap between the deck and the ship’s sides and smooth the putty to take the shape of the hull as shown above. When the putty is fully set, rub the surface down & reshape the stem as shown by the dotted lines above.

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4 BARRELLED POM-POM ASSEMBLY

The diagram below has been included for reference to the WEM Pro 3508 4-Barrelled Pom-Pom that is available to replace the incorrect kit parts. The diagram shows the assembly of the resin and etched brass parts.

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1. The sections of railing provided in this kit have been tailored to fit certain areas of the hull & superstructure as follows. Etched parts 1 are the railings for the main deck edges from the foc'sle step running aft to the stern. The curved parts at one end fit against the curved spray shields. Etched part 4 is the small section of railing that fits around the galley roof at the base of the foremast. Etched parts 9 fit around the pom-pom platform on the aft superstructure & etched parts 6 fit on the same deck, further aft along the sides of ‘X’ turret. These replace the kits PE parts 1, 2 and 3 which are a bit on the heavy side. Etched parts 8 fit on the forward superstructure deck on each side of ‘B’ turret in place of kit PE parts 5 and 6. Etched parts 7 are the shaped sections for the deck edges on the foc’sle if the area has been modified to give the correct amount of sheer to the deck.

2. Stock lengths of vertical ladders have been included on the etched detail set so that vertical ladders can be cut out to fit onto masts and platforms as required. Inclined ladders, etched parts 71, have been supplied in standard lengths to fit the foc’sle step positions on each side of the deck and the rear of the bridge.

3. Anchor chains, etched parts 57, have been supplied in sufficient lengths to allow the ship to be modelled in a diorama whilst at anchor, with the anchor chain running from the hawsepipes on the bow to the surface of the water. If the anchors are in the stowed position, then short lengths of chain can be used to fit from the hawsepipe openings on the deck, back around the capstans and into the cable locker holes.

4. Several extra parts have been included in this kit to allow the modeller to build the model set at any time period up to the end of WW2. It also allows the Australian Tribals to be built from this kit, though further research will be necessary to ensure the correct rig and fit.

5. Points of reference that will help build this model are found in the British Destroyers and Frigates by Norman Friedman and Destroyers of World War 2 by M.J. Whitley. British Warships of the Second World War by John Roberts has some detailed as fitted plans and profiles of HMS Eskimo which would be useful for building a pre-war fitted model. Also the British Destroyers by Edgar March would be a great help if one could be obtained, though this publication has been out of print for a while.

6. For a clearer colour guide as to what schemes HMS Eskimo appeared in during the war years, go to https://www.whiteensignmodels.com/p/HMS+Eskimo+P036+/18694/#.UVrAzHDxs5a