

# WHITE ENSIGN MODELS

*J O U'Gunko q*

Photoetched Detail Set for the 1/350 Scale Trumpeter kit.



## 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 kit itself provides extra parts that are not needed to build *HMS Eskimo* in the time period stated, but do provide a means of building her in a later war fit. The spare aft superstructure deck that has the raised AA gun platform in place of the searchlight 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.

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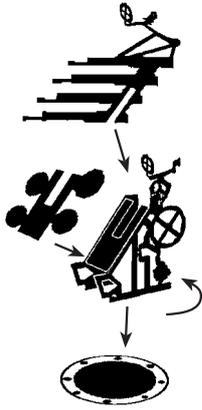
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Customers in the USA can now call us on 011-44-1568-709149 or Fax 011-44-1568-709182



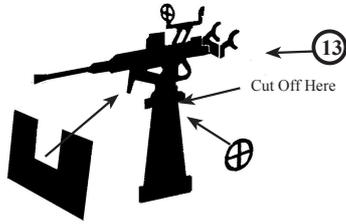
### 0.5" QUAD MACHINE GUN



12

Assemble the half-inch quad mount by folding the side panels of the centre section so that they are parallel; fix 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.

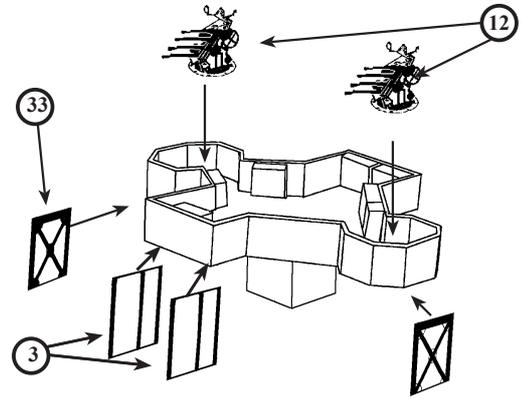
### 20MM OERLIKON



13

Assemble the single 20mm Oerlikons, etched parts 13, by first twisting the shoulder braces round to 90° 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.

### MIDSHIPS AA GUN PLATFORM



12

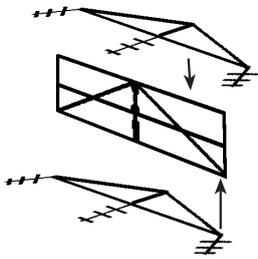
33

3

Using etched parts 33 as the cross-braced supports under the quad machine gun wings, fit kit part C5 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.

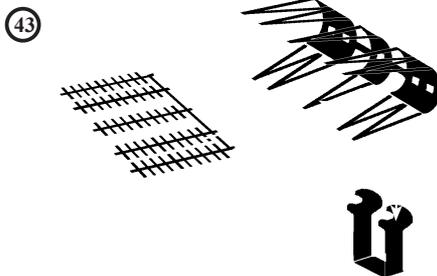
### 286 RADAR ANTENNA

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



23

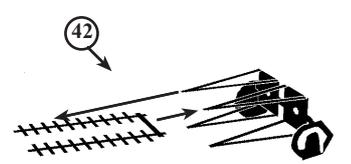
### 285 YAGI ANTENNA



43

Assemble the 285 fire control antenna by folding a gentle 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. 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 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.

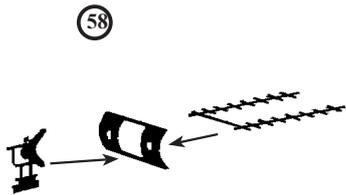
### 282 RADAR YAGI ANTENNA



42

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.

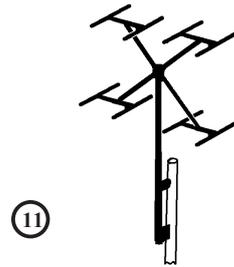
### AA RADAR YAGI



58

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.

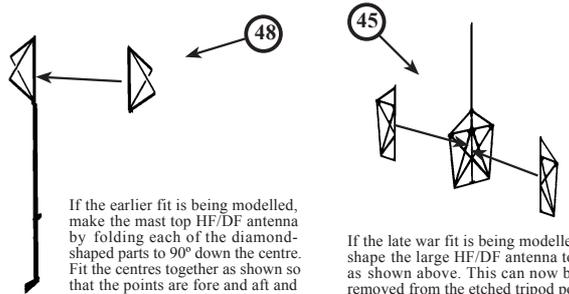
### 291 RADAR ANTENNA



11

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 foremast top pole & was fitted during 1943.

### HF/DF ANTENNA



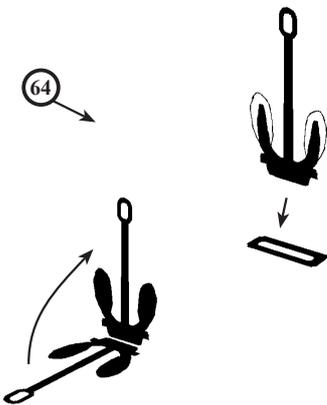
48

45

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

If the late 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 foremast lattice platform, as shown in a later diagram, or fitted in place of the mainmast on the aft superstructure.

### ANCHOR ASSEMBLY

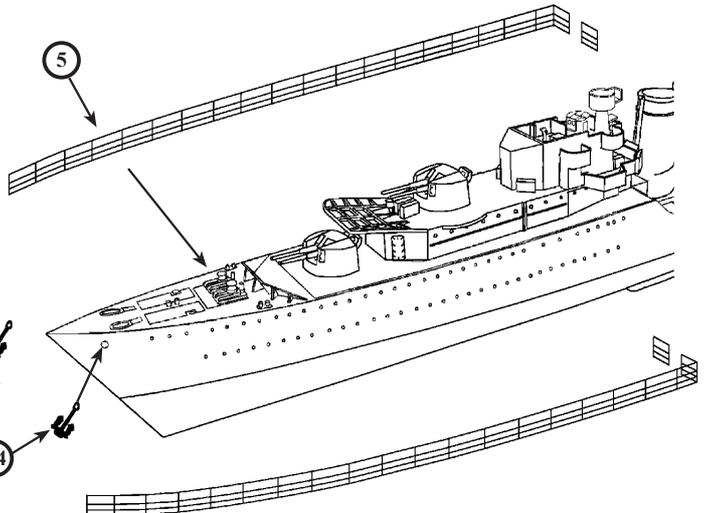


64

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 if the fore deck has been raised to add sheer.

### FOC'SLE RAILING LOCATION

Shape and fit the railings, etched parts 5, to the foc'sle deck edges as shown above. Railing sections, etched parts 1, are fitted in the same manner to the edges of the main deck from the foc'sle step to the stern. The curved ends to these railings 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 railings, etched parts 7 have been provided to replace a matching length of the straight railings.



5

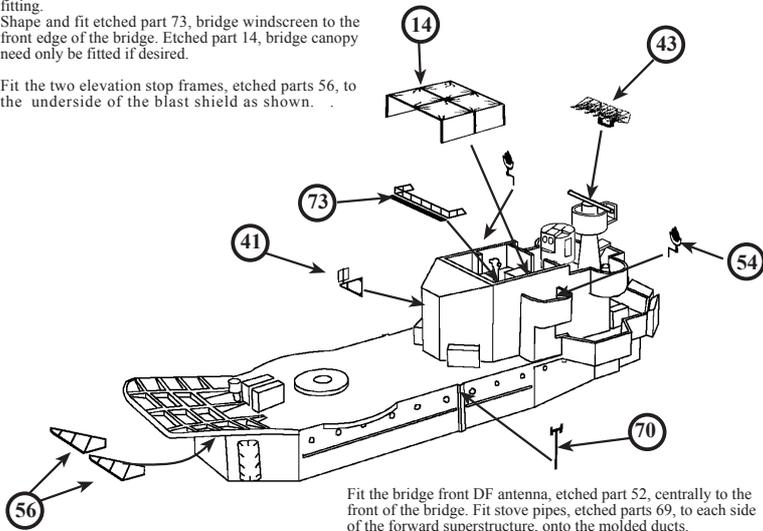
64

Fit the anchors, etched parts 64, in to the hawsepipes, as shown

## FORWARD SUPERSTRUCTURE DETAILS

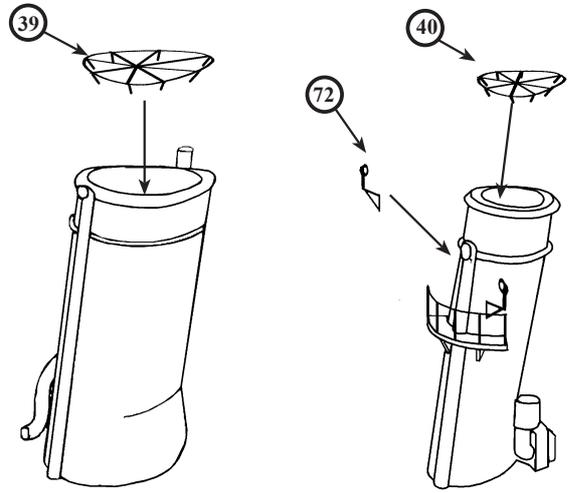
Fit the Rangefinder Tower and Director Control Tower (DCT) parts 13 and 19 to the locating holes at the rear of the bridge. If the 285 antenna, etched part 43 is to be fitted, remove the arms from the top of kit part F7 before fitting. Shape and fit etched part 73, bridge windscreen to the front edge 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.



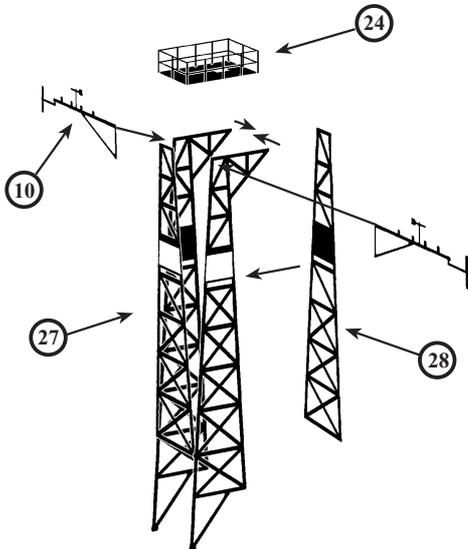
Fit the bridge front DF antenna, etched part 52, centrally to the front of the bridge. Fit stove pipes, etched parts 69, to each side of the forward superstructure, onto the molded ducts.

## FUNNEL CAP GRILLES & SIRENS

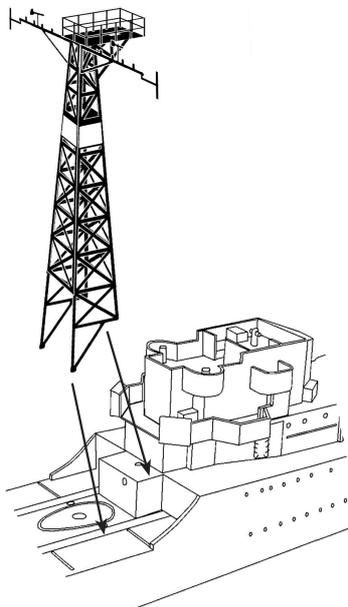


Bend the funnel cap grilles attachment legs down so that they all attach to the top rims of the funnels. Secure the grilles into place. Fit funnel mounted sirens, etched parts 72, to the aft funnel just above the funnel platform as shown.

## LATTICE FOREMAST ASSEMBLY

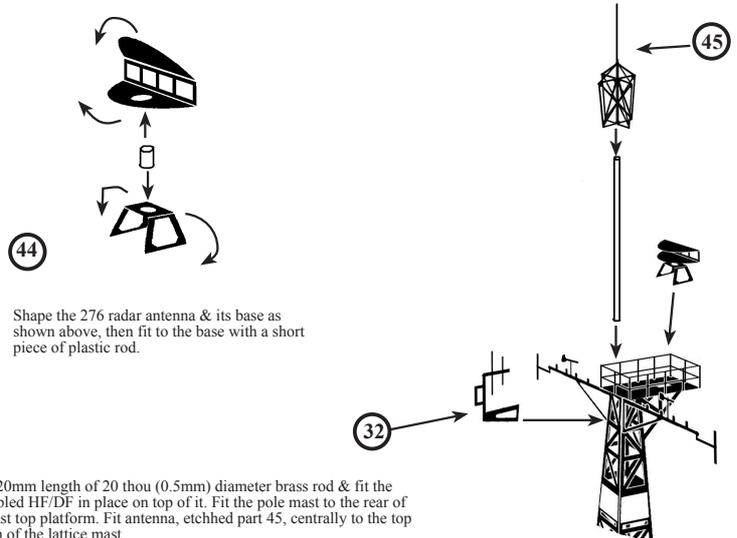


If the ship is being modeled post-1944, assemble the lattice foremast as shown above using the etched parts provided. Fold the side lattice panels to 90° so that they are parallel, then angle them in toward the top until the edges touch all the way up. Secure into place. Fit the front lattice panel so 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.



To fit the lattice mast into the place that would have been taken by the tripod mast, the rear bulwark & 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.

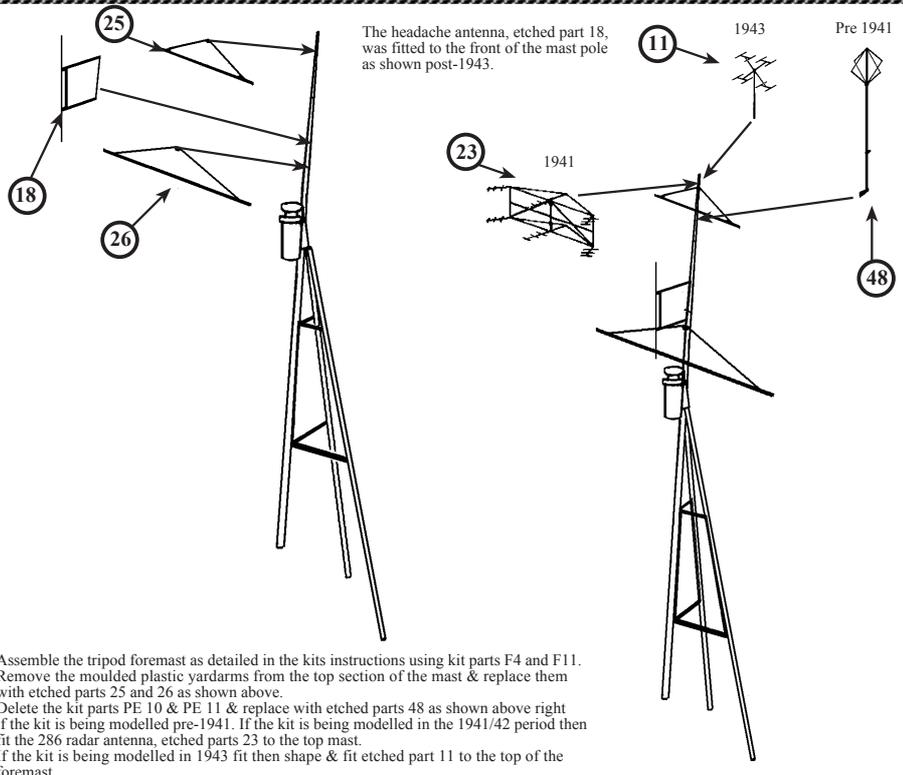
## LATTICE MAST TOP DETAILS



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.

## TRIPOD FOR MAST ASSEMBLY

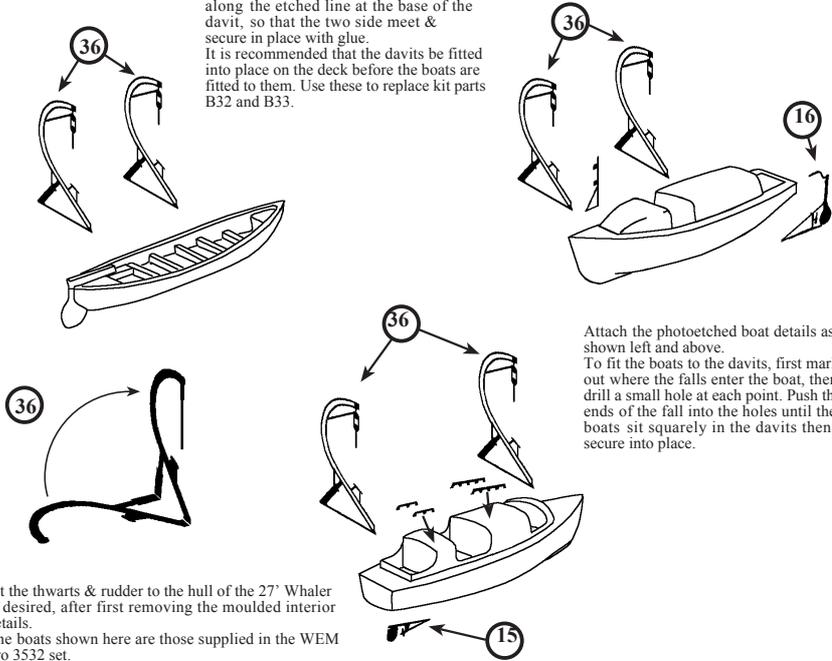


The headache antenna, etched part 18, was fitted to the front of the mast pole as shown post-1943.

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.

## BOATS ASSEMBLY

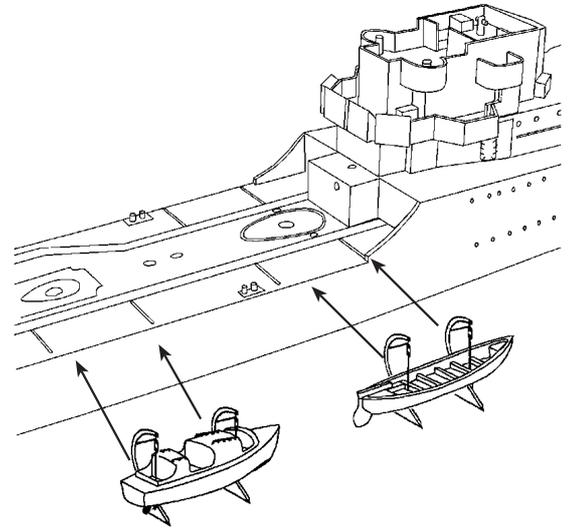
To assemble the davits, fold each one along the etched line at the base of the davit, so that the two sides meet & secure in place with glue.  
It is recommended that the davits be fitted into place on the deck before the boats are fitted to them. Use these to replace kit parts B32 and B33.



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.

Attach the photoetched 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 fall into the holes until the boats sit squarely in the davits then secure into place.

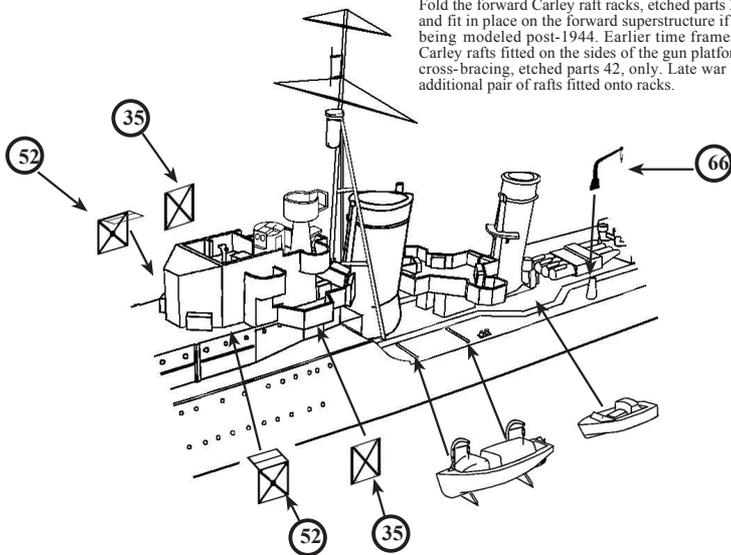
## PORT SIDE BOATS LOCATION



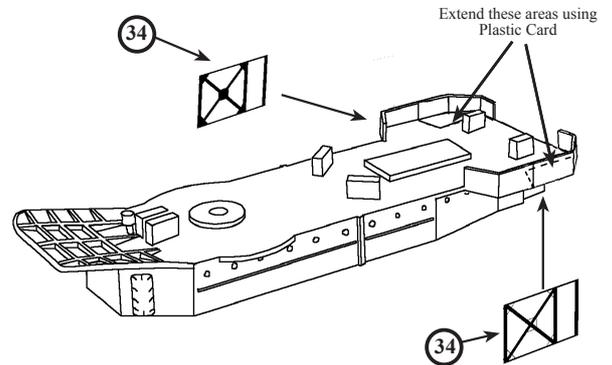
Fit the boats into place on the main deck aft of the foc'sle step. It may be easier to assemble the boats to the davits if the davit are first fitted to the deck & secured in place. There are locating holes on the main deck both port and starboard that were for the original kit davits to fit into, but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

## 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.



## FORWARD AA GUN PLATFORM SUPPORTS

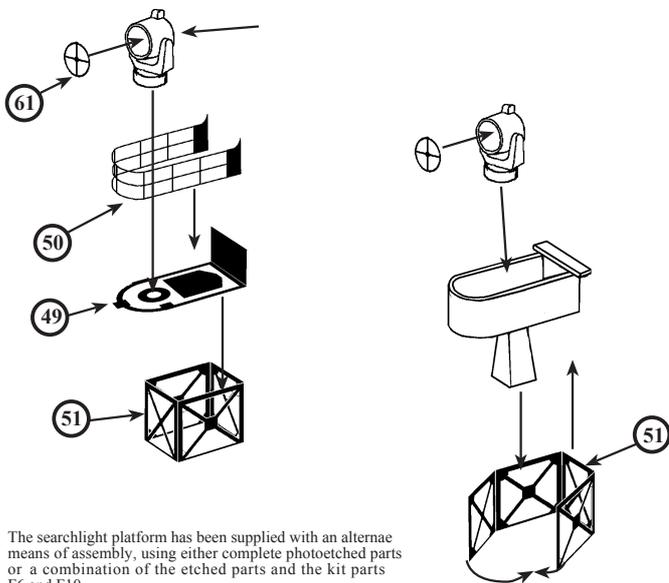


If an Australian Tribal is going to be modeled from this kit, the signal platform extensions will need to be enlarged. Do this by cutting away the bulwarks and signal flag lockers from the rear of the forward superstructure as far forward as the gun platform extensions, shown above.

Cut two rectangles of 30-thou (0.75mm) thick plastic card & fit them to the sides of the superstructure as deck extensions aft of the gun platforms.  
Extend the existing bulwarks around the extended deck edges using 3mm strips of 30-thou plastic card.

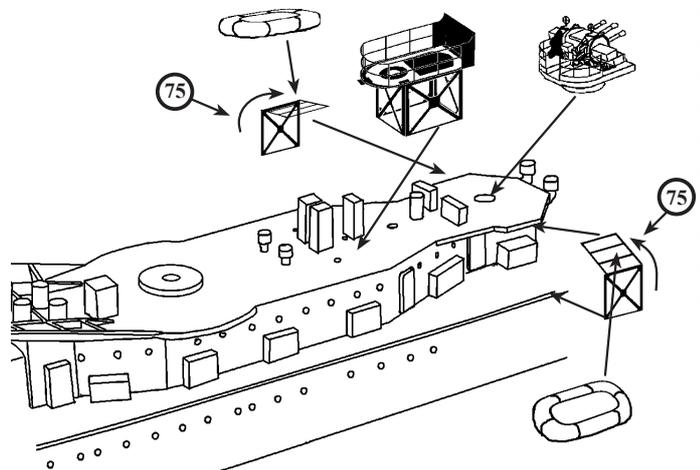
Fit the extended platform supports, etched parts 34, to the underside of the gun platforms.

## SEARCHLIGHT PLATFORM ASSEMBLY



The searchlight platform has been supplied with an alternate means of assembly, using either complete photoetched parts or a combination of the etched parts and the kit parts F6 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.

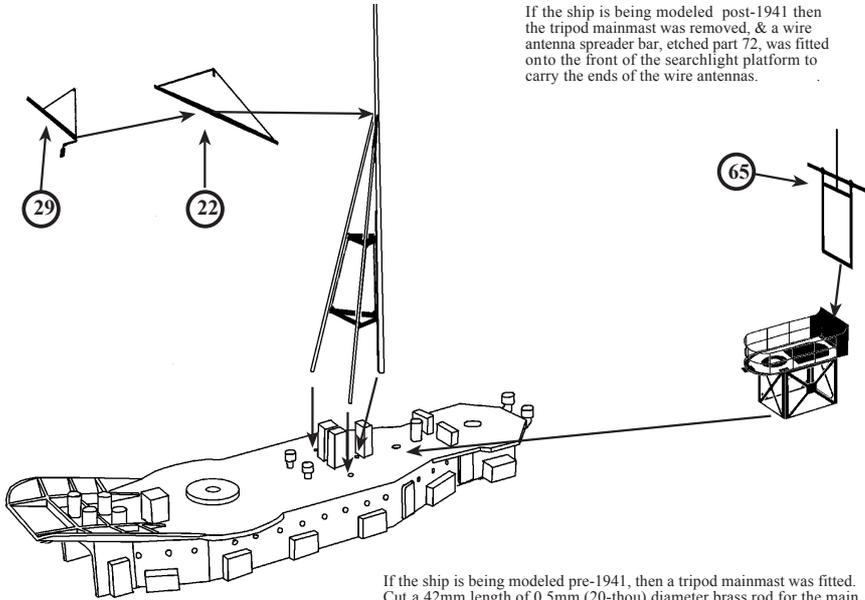
## AFT LIFERAFT RACK LOCATION



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 cross-bracing. 1941 to 1943 saw shorter racks, etched parts 53, fitted against the aft superstructure adjacent to the searchlight platform.  
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.

## MAINMAST ALTERNATIVES

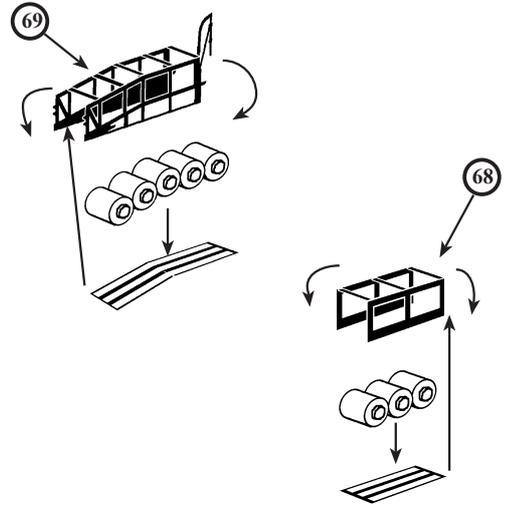
If the ship is being modeled post-1941 then the tripod mainmast was removed, & a wire antenna spreader bar, etched part 72, was fitted onto the front of the searchlight platform to carry the ends of the wire antennas.



If the ship is being modeled pre-1941, then a tripod mainmast was fitted. Cut a 42mm length of 0.5mm (20-thou) 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 show 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 (20thou) diameter brass rod along the length of the spar.

## DEPTH CHARGE RACK ASSEMBLY

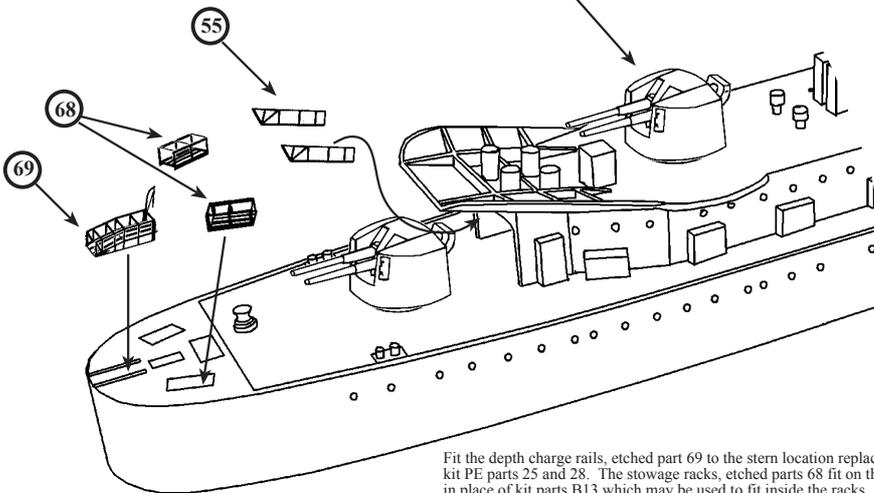
Fold down the sides of the depth charge rails and stowage racks to 90° so that they are parallel, as shown below. Cut the required number of depth charges from 1.5 mm plastic rod. These can be fitted with etched brass end caps (WEM PE 35129) if desired for added realism. Fit these to the rail plates and paint as desired, then fit the rails to the shaped horizontal bars on the inside of the frames.



## AFT WEAPONS LOCATIONS

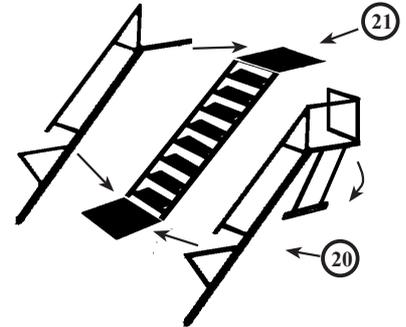
Fit the elevation stop frames, etched parts 55, to the underside of the aft blast shield as shown below.

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



Fit the depth charge rails, etched part 69 to the stern location replacing kit PE parts 25 and 28. The stowage racks, etched parts 68 fit on the deck in place of kit parts B13 which may be used to fit inside the racks.

## ACCOMMODATION LADDER



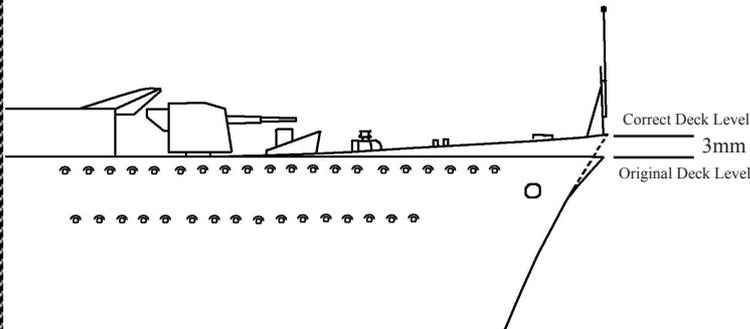
Assemble accommodation ladders as shown above & fit to the ship either side of the main deck, adjacent to the aft superstructure if the ship is to be modelled at anchor.

## 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.

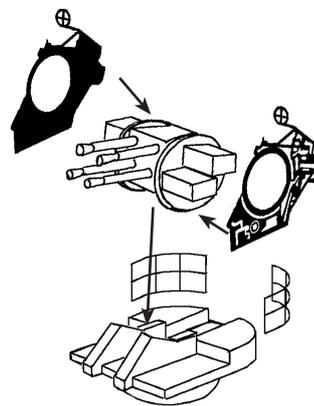
If you wish to rectify this and produce a more accurately-shaped bow section, a fairly simple solution is to assemble the foc'sle deck, kit part E1, to the hull as shown in the kit instructions, but DO NOT cement the first 47mm from the stem aft to the breakwater.

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.

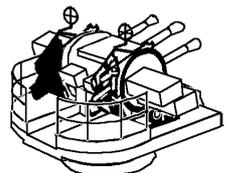


Using Milliput two-part modelling putty, fill the gap between the deck and the ship's sides and smooth the putty to take the shape of the hull as shown above. When the putty is fully set, rub the surface down & reshape the stem as shown by the dotted lines above.

## 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.



## OTHER INSTRUCTIONS

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 hawsepipes 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/#.UVRaZHDxsqa>