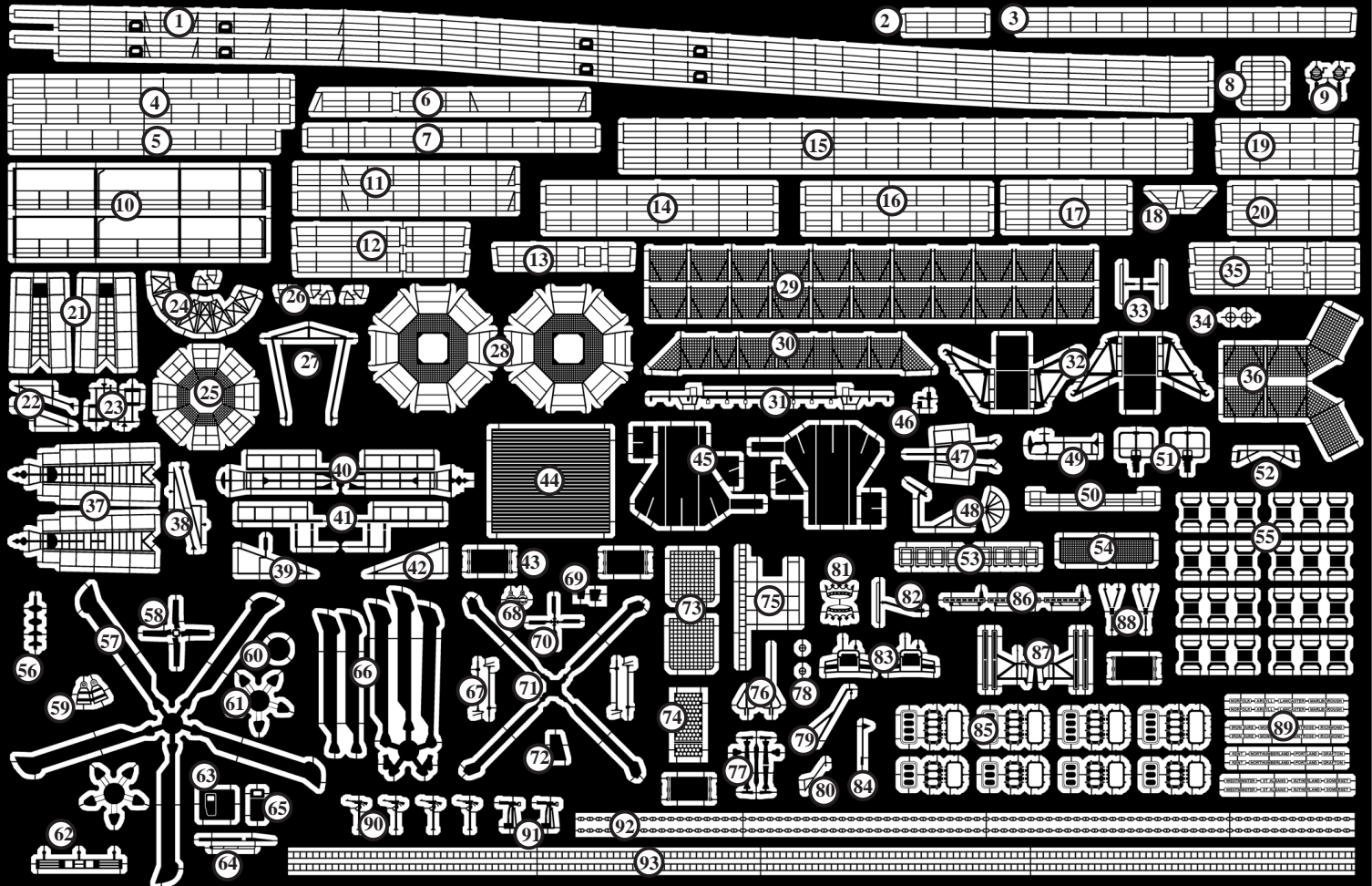


Parts List

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ATLANTIC MODELS



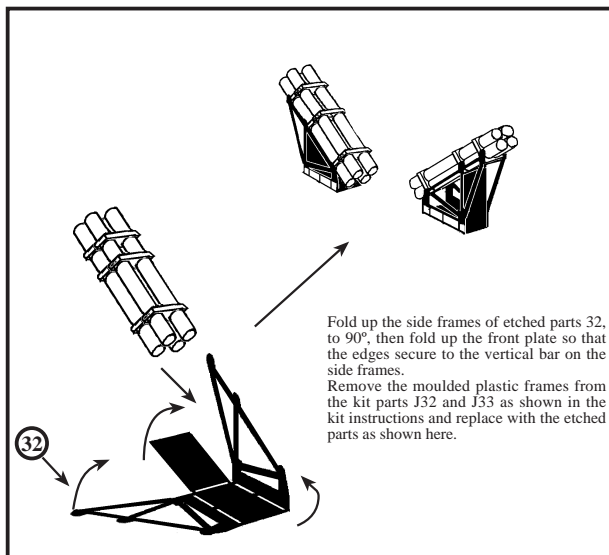
- | | | |
|---|---|--|
| 1. Railings (Focсле) | 32. Harpoon Missile Tube Support Frames | 63. Merlin Helicopter Cargo Door |
| 2. Railing Superstructure Landing) | 33. Radar Sensor Antennas | 64. Merlin Helicopter Fuselage Fittings |
| 3. Railings (Hangar Stbd Platform) | 34. Anchor Chain Brake Wheels | 65. Merlin Helicopter Personnel Door |
| 4. Railings (Signal Deck Port and Stbd) | 35. Railings (Countermeasures Platforms) | 66. Merlin Helicopter Main Rotor (Folded) |
| 5. Railings (Signal Deck Aft) | 36. DS30 Gun Deck Safety Nets | 67. Lynx Helicopter Blade Fold Stowage Pole |
| 6. Railings (Hangar Roof Forward) | 37. Fore Mast Aft Yardarms | 68. Lynx Helicopter Tail Fold Joint |
| 7. Railings (Auxiliary Con Position) | 38. Fore Mast Aft Yardarm Supports | 69. Lynx Helicopter Tail Cone Antennas |
| 8. Railings (Stern Openings) | 39. Main Mast Yardarm Support (Stbd) | 70. Lynx Helicopter Tail Rotor |
| 9. Signal Lamps (Large) | 40. Main Mast Yardarms | 71. Lynx Helicopter Main Rotor |
| 10. Boat Deck Supports | 41. Main Mast Yardarm Front Frames | 72. Lynx Helicopter Tail Stabiliser Wing |
| 11. Railings (Boat Deck) | 42. Main Mast Yardarm Support (Port) | 73. Stern Opening Safety Nets |
| 12. Railings (Fwd Life Raft Platforms) | 43. Radar Reflector Plates (Optional) | 74. Flight Deck Hold Down Grid |
| 13. Railings (Hangar Port Platform) | 44. Handar Roller Door | 75. Caged Vertical Ladder Assembly |
| 14. Railings (SCOT Platforms) | 45. Harpoon Missile Blast Deflectors | 76. Bridge Roof DF Antenna |
| 15. Railings (Main Deck) | 46. Bridge Roof Light Cluster | 77. Binocular Sights |
| 16. Railings (Bridge Roof) | 47. Main Mast Lower Yardarm | 78. RHIB Steering Wheels |
| 17. Railings (Lookout Platforms) | 48. Sword and Shiled Antenna | 79. Main Mast Gaff |
| 18. Railings (Lookout Platforms) | 49. Fore Mast Forward Yardarm | 80. Funnel Aft Gaff |
| 19. Railings (Hangar Winch Platforms) | 50. Railing (Nav Radar Antenna Platform) | 81. Funnel Crown Emblems |
| 20. Railings Lookout Platforms | 51. Bowman DF Antennas | 82. Fore Mast Radar Sensor Antenna |
| 21. Fore Mast Foreward Yardarms | 52. Bridge Front Sensor Mounting | 83. RHIB Self Righting Frames |
| 22. Forward Yardarm Supports | 53. GPMG/ Minigun Mounting Enclosures | 84. Hangar Roof Antenna |
| 23. Forward Yardarm Ends | 54. Bowman Antenna Gratings | 85. Optional Open Door Assemblies |
| 24. Fore Mast Top Lattice | 55. Life Raft Cannister Racks | 86. Helicopter Discreet Approach Lights (Horizontal) |
| 25. Fore Mast Top Platform | 56. Towed Array Tail Marker Plate | 87. Helicopter Discreet Approach Lights (Vertical) |
| 26. Top Platform Brackets | 57. Merlin Helicopter Main Rotor (Spread) | 88. Bowman Antenna Mounting Brackets |
| 27. Wire Aerial Spreader | 58. Merlin Helicopter Tail Rotor | 89. Ships Name Boards |
| 28. 911 Fire Control Director Platforms | 59. Merlin Helicopter Tail Fold Joint | 90. GPMG Mountings |
| 29. Flight Deck Side Safety Nets | 60. Merlin Helicopter Rotor Head Cap | 91. 7.62 Minigun Mountings |
| 30. Flight Deck Aft Safety Nets | 61. Merlin Helicopter Rotor Hub Parts | 92. Anchor Chain Stock |
| 31. Flight Deck Light Bar | 62. 996 Radar Antenna Face Plate | 93. Vertical Ladder Stock |

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. 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.
3. 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.
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. It is suggested that a No.10 rounded type of modelling knife blade is used for this purpose.
5. 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
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.

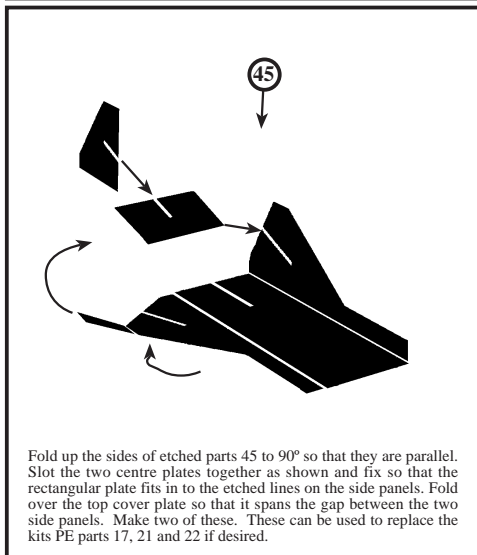
Assembly Instructions and General Guide

1. This photo-etched detail set provides some replacement parts for those out of scale kit parts that can not be accurately reproduced because of the limitations of plastic mouldings. There are also some parts included here that do not appear among the kit parts and are included as extra details to enhance the kit further.
2. Some parts included such as the Harpoon missile launcher support frames and blast shields are optional, as they already moulded on to the kit parts, but are included as an alternative that can be fitted if desired by following the kit instructions and also the assembly instructions in this set for the alternative parts.
3. Vertical ladders have been supplied as stock lengths, etched parts 93, and can be cut to the lengths required. There are vertical ladders moulded on to the sides of the superstructure, but these do not give as good a three dimensional detail. These moulded ladders would first have to be removed by carefully rubbing down the surface until smooth using a suitable abrasive paper.
4. Shaped 3 bar railings, etched parts 1, have been provided specially to follow the contour of the deck of the focsle area. These railings come aft to join on to the forward end of the railings in the boat platform supports, etched parts 10. The railings sections, etched parts 15, continue on from the rear of the boat platform supports until they reach the forward end of the flight deck.
5. Etched parts 73, are safety nets that are fitted in to the two openings in the stern. These are usually fitted to the inside of the railings, etched parts 8, that still get fitted across the opening.
6. Stock lengths of anchor chain, etched parts 92, have been supplied in sufficient quantity to allow the moulded anchor chain on the focsle deck to be replaced and also allow anchor chain to feed from the hawse-pipes to the surface of the water if a diorama setting is being modelled.
7. An excellent source of reference can be obtained by using the plans provided by Jecobin. These plans can be purchased directly from the company in most of the main modelling scales required.

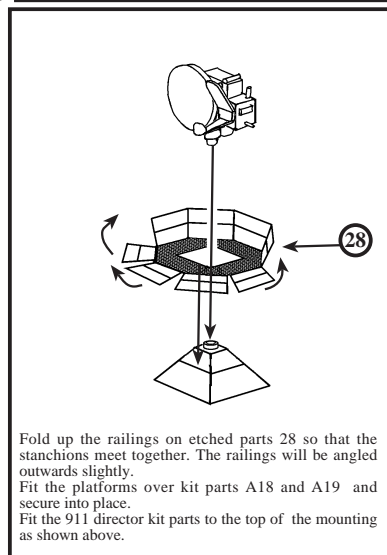
Harpoon Missile Launcher Assembly



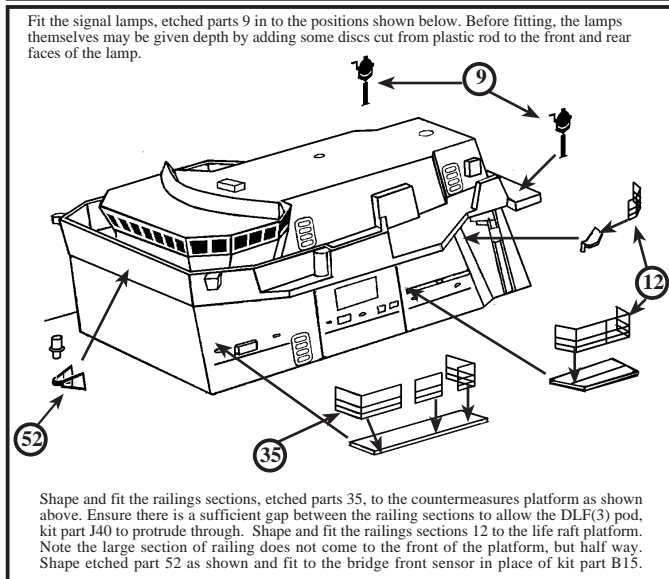
Blast Deflector Assembly



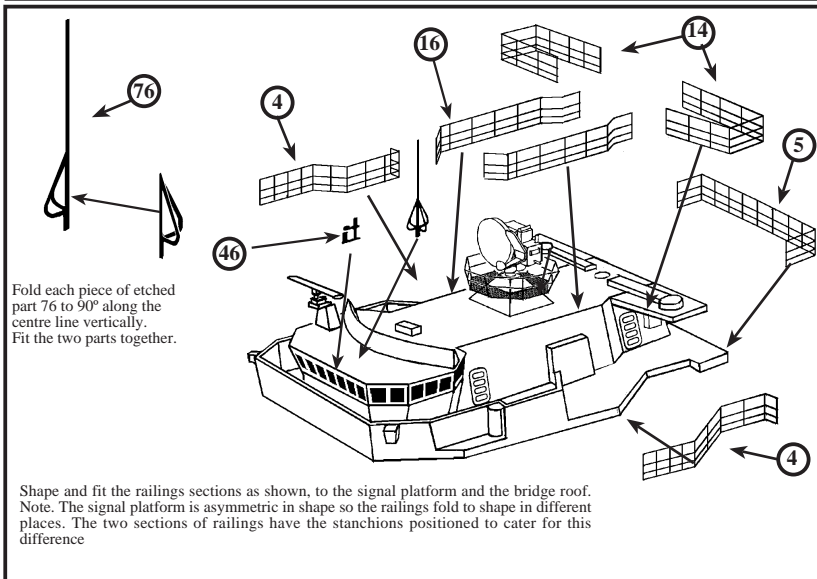
911 Fire Control Platform



Forward Superstructure Fittings

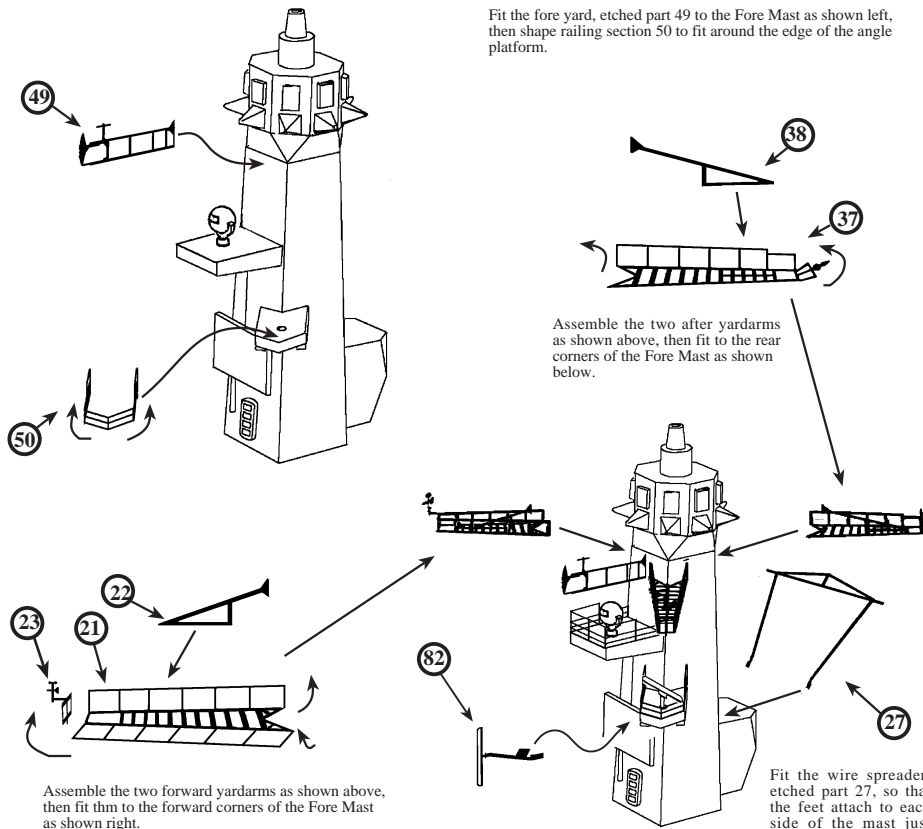


Bridge Roof Fittings



Foremast Yardarm Assembly

Fit the fore yard, etched part 49 to the Fore Mast as shown left, then shape railing section 50 to fit around the edge of the angle platform.

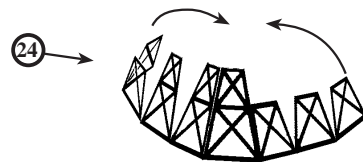


Assemble the two forward yardarms as shown above, then fit them to the forward corners of the Fore Mast as shown right.

Assemble the two after yardarms as shown above, then fit to the rear corners of the Fore Mast as shown below.

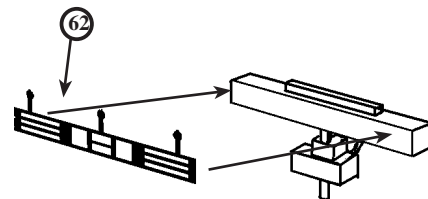
Fit the wire spreader, etched part 27, so that the feet attach to each side of the mast just above the exhaust shield.

Fore Mast Top lattice



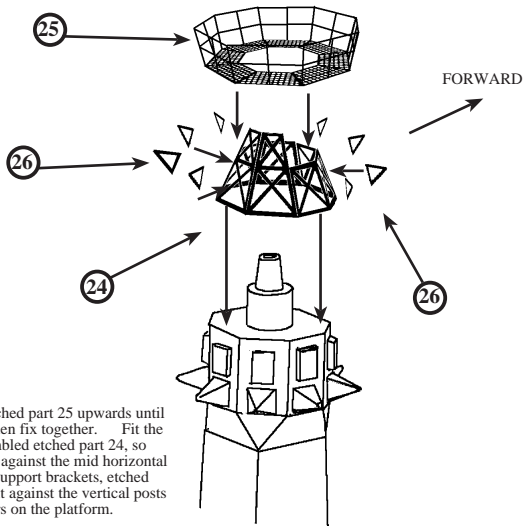
Fold the lattice sections of etched part 24 around in stages so that the outer ends meet up and are secured in place. This will give an eight sided lattice with an open top with the rear three lattices taller than the rest. This is then fitted to the top of the Fore Mast with the tall lattices to the rear.

996 Radar Antenna Front Plate



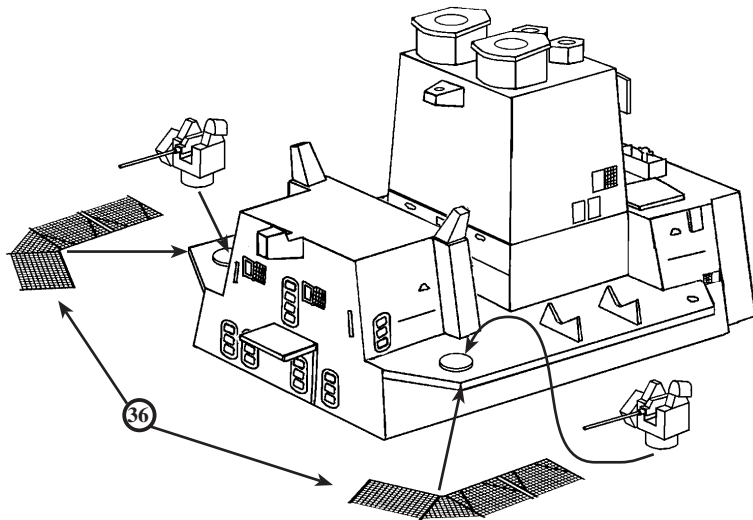
Fit the face plate of the 996 radar antenna, etched part 62 to the front face of kit part B28, so that the three small prong antennas are pointing upwards.

Fore Mast Top Platform Assembly



Fold the railings on etched part 25 upwards until the stanchions meet, then fix together. Fit the platform over the assembled etched part 24, so that the inner edges fit against the mid horizontal bar. Fit the triangular support brackets, etched parts 26, so that they fit against the vertical posts and along the thick bars on the platform.

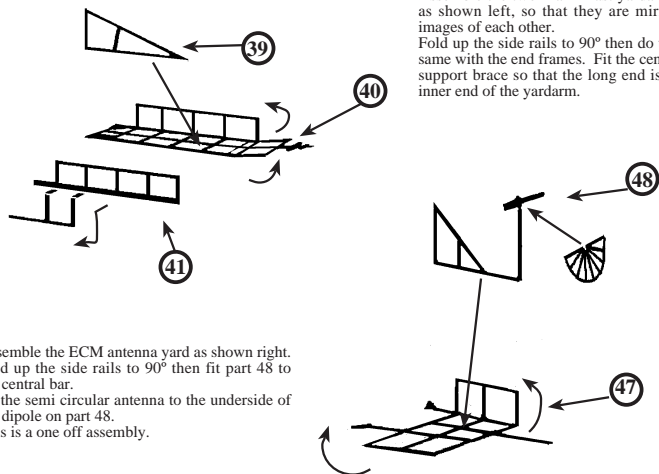
DS30 Gun Deck Safety Net Location



Moving aft to the centre superstructure section now. Fit the etched safety nets, 36 to the edges of the deck as shown above. If it is desired to fit these nets in the raised position, remove the triangular corner section of netting from each part then fit the remaining nets vertically.

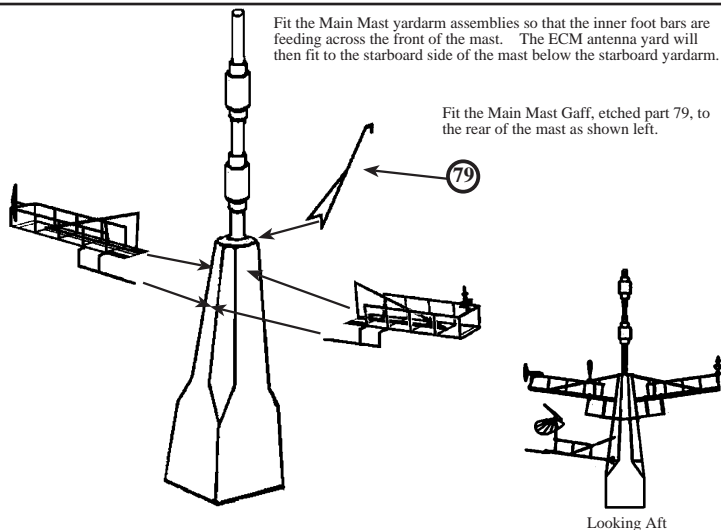
Main Mast Yardarm Assembly

Assemble the two Main Mast yardarms as shown left, so that they are mirror images of each other. Fold up the side rails to 90° then do the same with the end frames. Fit the centre support brace so that the long end is at inner end of the yardarm.



Assemble the ECM antenna yard as shown right. Fold up the side rails to 90° then fit part 48 to the central bar. Fit the semi circular antenna to the underside of the dipole on part 48. This is a one off assembly.

Main Mast Yardarm Location

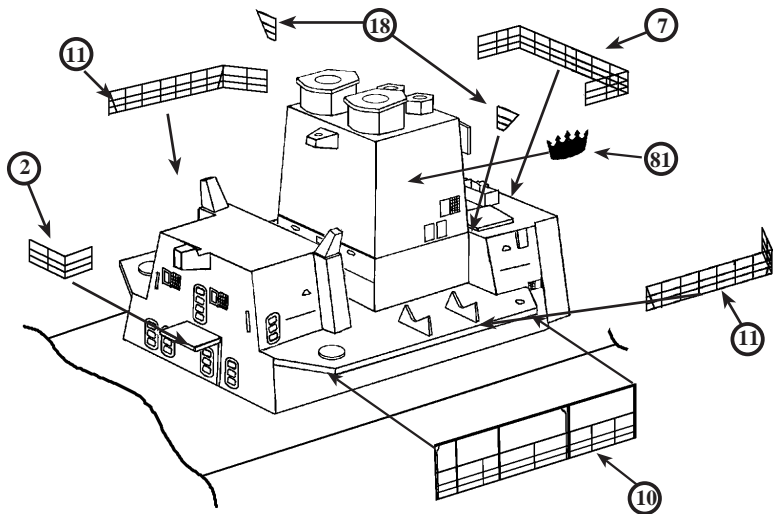


Fit the Main Mast yardarm assemblies so that the inner foot bars are feeding across the front of the mast. The ECM antenna yard will then fit to the starboard side of the mast below the starboard yardarm.

Fit the Main Mast Gaff, etched part 79, to the rear of the mast as shown left.

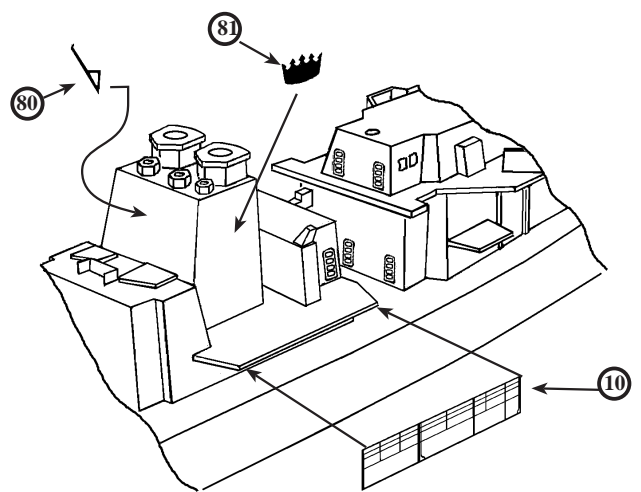
Looking Aft

Centre Superstructure Railing Location (Port Side)



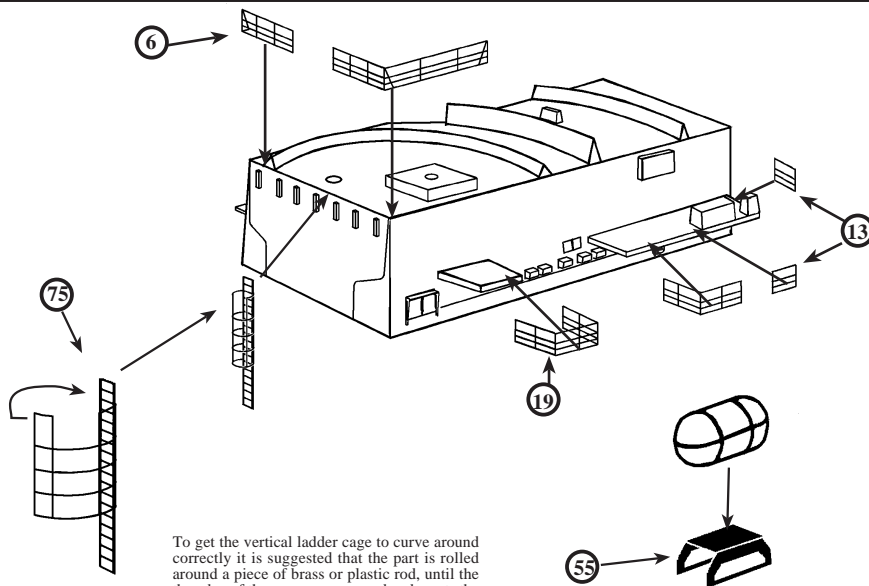
Fit the Ships Class Crowns, etched parts 81, to the funnel sides. Fit the deck extension supports, etched part 10 so that the top edge fits against the edge of the deck extension and the bottom edge fit to the edge of the main deck.
Shape and fit the boat deck railings, etched parts 11, to the aft edges of the deck extensions as shown. Shape and fit the railings, etched part 7 to the edges of the auxiliary conning deck. Fit the two small sections of angled railings, etched parts 18, in to the gap between the funnel and the lookout platforms on each side of the conning platform deck.

Centre Superstructure Details (Starboard Side)



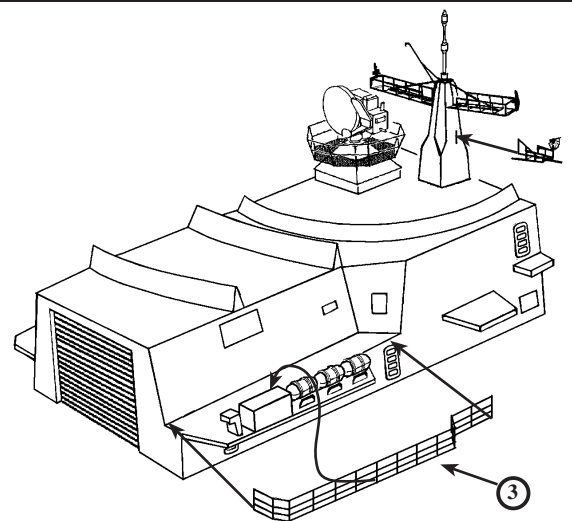
Fit the Ships Class Crowns, etched parts 81, to the funnel sides. Fit the deck extension supports, etched part 10 so that the top edge fits against the edge of the deck extension and the bottom edge fit to the edge of the main deck. On the starboard side, there is normally an accommodation ladder fitted. This is in the form of kit part A17, which fits along the edge of the main deck against the upright supports in the stowed position.
Fit the small gaff, etched part 80, centrally to the rear of the funnel.

Aft Superstructure Fittings



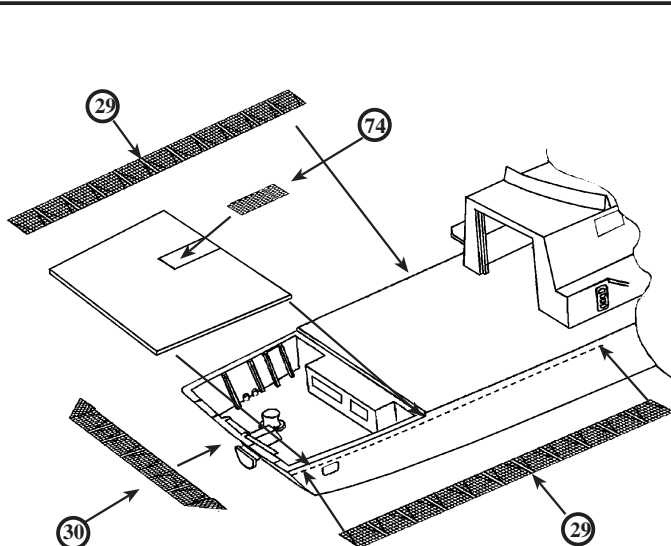
To get the vertical ladder cage to curve around correctly it is suggested that the part is rolled around a piece of brass or plastic rod, until the edge of the cage comes round and meets the side of the ladder.
Fit the completed ladder to the forward wall of the aft superstructure just off centre to port.

Fold etched parts 55 to the shape shown then fit the life raft canister to the top plate. Make twelve of these to replace kit parts J2

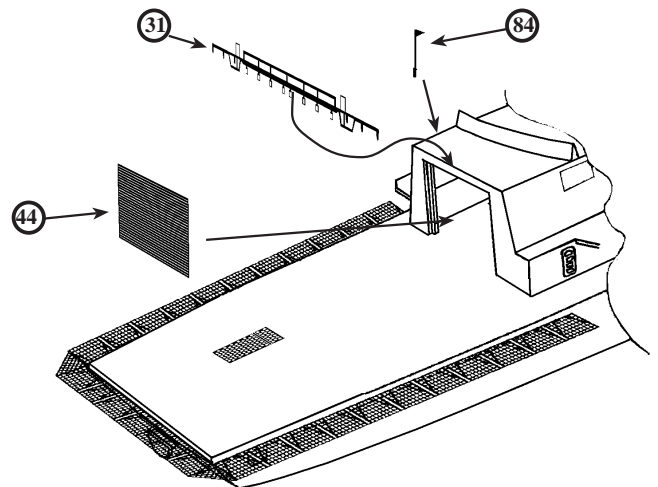


Shape and fit the railing section, etched part 3, to the starboard aft platform as shown above. Note that the railings pass along the deck inboard of the life raft canisters.

Flight Deck And Hangar Fittings

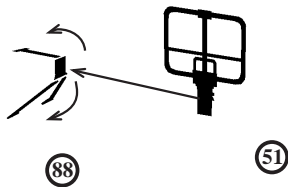


It is recommended that the interior of the quarter deck area be painted to the desired scheme before fitting the flight deck panel, kit part B19. To fit the hold down grid, etched part 74, it may help to recess to area indicated by removing the moulded plastic item on the deck. Fit the side netting sections so that they attach to the ships side just below the level of the flight deck.
Fit the stern section of netting, etched part 30, so that the angled corner sections join on to the side sections.



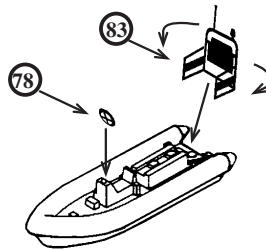
Fit the approach light bar, etched part 31, centrally to the hangar roof as shown above. The hangar on this kit has been moulded hollow with some of the interior details in place. This has left scope to the modeller to fully detail the interior of the hangar if desired, after doing further research in to the appearance of the hangar interior.
Etched part 44 is the hangar door, which is of the roller blind type. The panel can be fitted in place as it is in the closed position, or rolled up so that it can be fitted in a partial or fully raised position.

Bowman DF Antenna Assembly



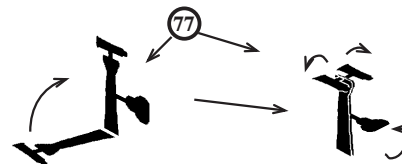
Fold the legs on the mounting frames, etched parts 88, so that they are angled inwards and the feet align with the mounting plate vertical. Fit the Bowman loop antennas, etched parts 51, to the mounting plates as shown above. This assembly replaces kit parts J18 and PE 26.

Atlantic 21 Sea Boat Fittings



Fold the side frames of the self righting gear, etched parts 83, to 90° so that they are parallel, then fit into the rear of the boat, kit assembly 10C in the kit instructions. Fit the steering wheel to the helm panel, etched part 78.

Binocular Sight Assembly

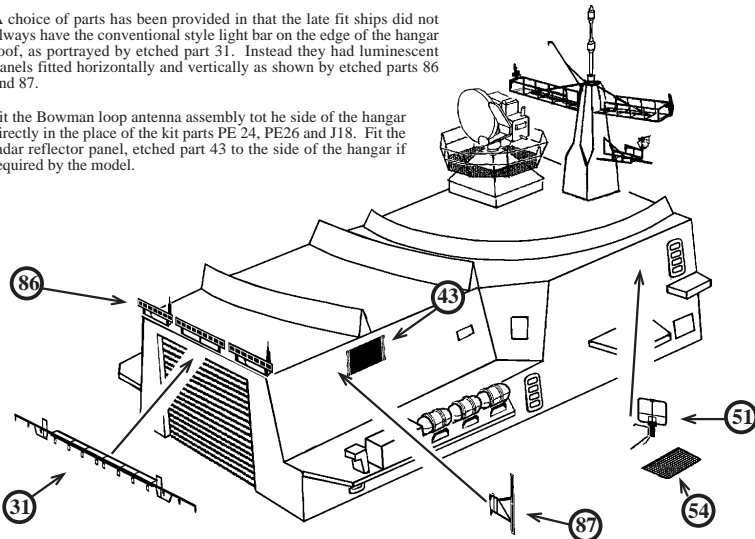


Fold the pedestals on the binocular sights, etched parts 77, in half, and secure into place so that they are double thickness. Split the two parts of the binoculars and fold down to 90° so that they are opposite each other. Twist the lookouts seat around 90° so that it is horizontal.

Late Fit Details Location (Starboard Side)

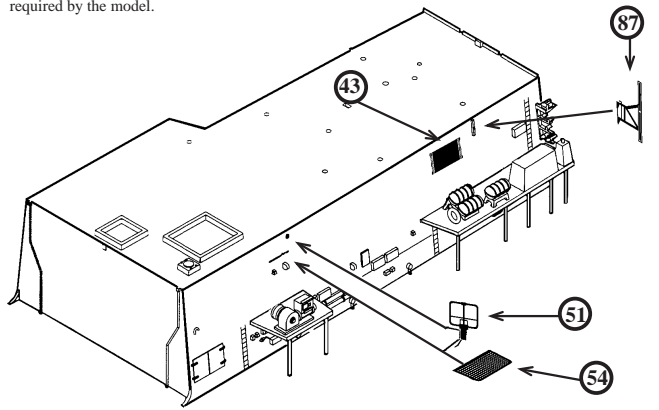
A choice of parts has been provided in that the late fit ships did not always have the conventional style light bar on the edge of the hangar roof, as portrayed by etched part 31. Instead they had luminescent panels fitted horizontally and vertically as shown by etched parts 86 and 87.

Fit the Bowman loop antenna assembly to the side of the hangar directly in the place of the kit parts PE 24, PE26 and J18. Fit the radar reflector panel, etched part 43 to the side of the hangar if required by the model.



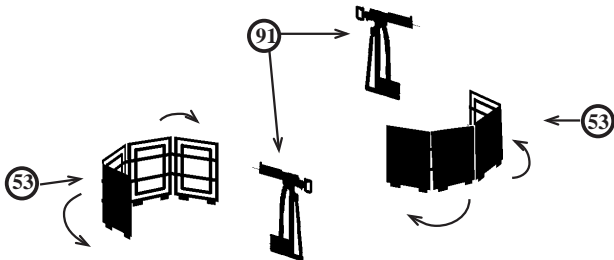
Late Fit Details Location (Port Side)

Fit the Bowman loop antenna assembly to the side of the hangar directly in the place of the kit parts PE 24, PE26 and J18. Fit the radar reflector panel, etched part 43 to the side of the hangar if required by the model.

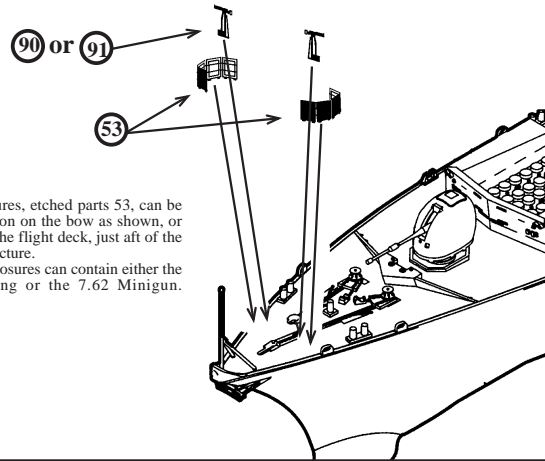


Close Range Weapons Enclosures

Fold the panels on the gun enclosures round so that the two side panels are parallel, with the relief etched detail on the inside face. Make two of these. The enclosures can be used to contain either the GPMG mountings, etched parts 90 or the 7.62 Minigun mountings, as desired.

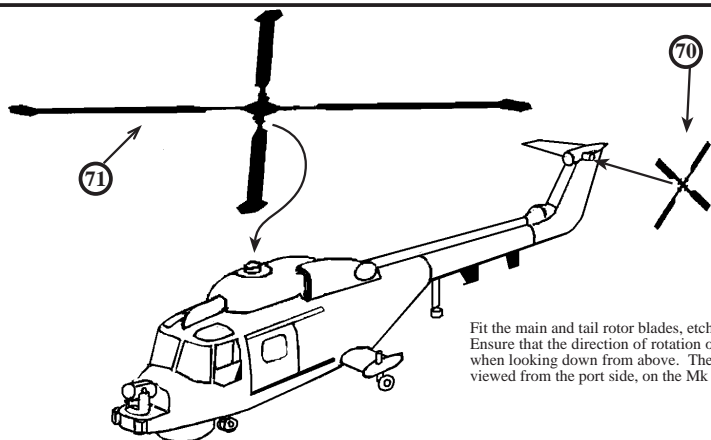


Close Range Weapons Location



The gun enclosures, etched parts 53, can be fitted into position on the bow as shown, or on each side of the flight deck, just aft of the hangar superstructure. Again these enclosures can contain either the GPMG mounting or the 7.62 Minigun.

Westland Lynx HMA 8 Assembly

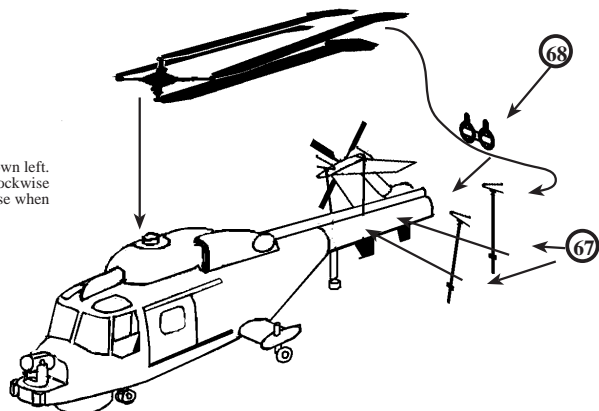


Fit the main and tail rotor blades, etched parts 70 and 71, as shown left. Ensure that the direction of rotation of the main rotor is anti clockwise when looking down from above. The tail rotor rotates clockwise when viewed from the port side, on the Mk 8 Lynx.

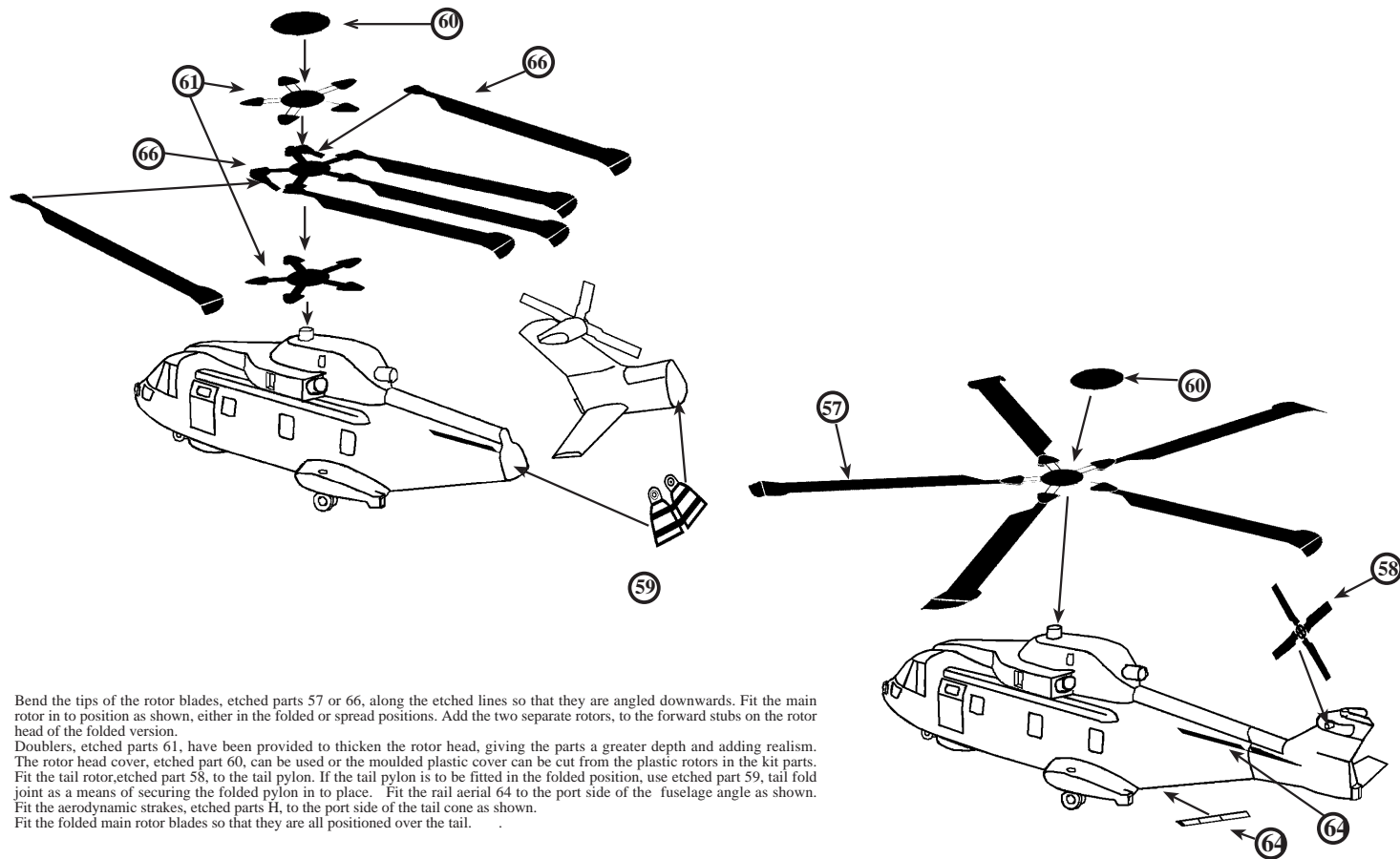
If the helicopter is to be displayed folded, make a small cut at the root of each rotor blade on the forward edge. This will make it easier to bend the blade rearwards and keep it flat. The tail pylon is a separate kit part and is split at the fold joint. Etched part 68 can easily be fitted. This will allow the tail to be attached in the folded position with ease. Fit the folded main rotor blades so that they are positioned over the tail, then fit the blade support poles in pairs to each side of the tail cone. The blades then fit into the slot on top of the pole.

Ships Flights Codex Numbers

HMS Argyll 365&6/AY HMS Iron Duke 404/IR HMS Grafton 437/GT
HMS Kent 425/KT HMS Marlborough 363&4/MA HMS Montrose 444/MR
HMS Norfolk 361&2/NF HMS Portland 426/PD HMS Somerset 375/SM
HMS St Albans 427/SB HMS Sutherland 422/SU



Augusta Westland Merlin HM 1 Assembly



Ships of the Class Pennant Numbers and Ident Letters

Name	Pennant Number	Flight Deck Letters	Name	Pennant Number	Flight Deck Letters
HMS Norfolk	F230	NF	HMS Northumberland	F238	NL
HMS Argyll	F231	AY	HMS Richmond	F239	RM
HMS Lancaster	F229	LA	HMS Kent	F78	KT
HMS Marlborough	F233	MA	HMS Portland	F79	PD
HMS Iron Duke	F234	IR	HMS Grafton	F80	GT
HMS Monmouth	F235	MM	HMS Sutherland	F81	SU
HMS Montrose	F236	MR	HMS Somerset	F82	SM
HMS Westminster	F237	WM	HMS St Albans	F83	SB