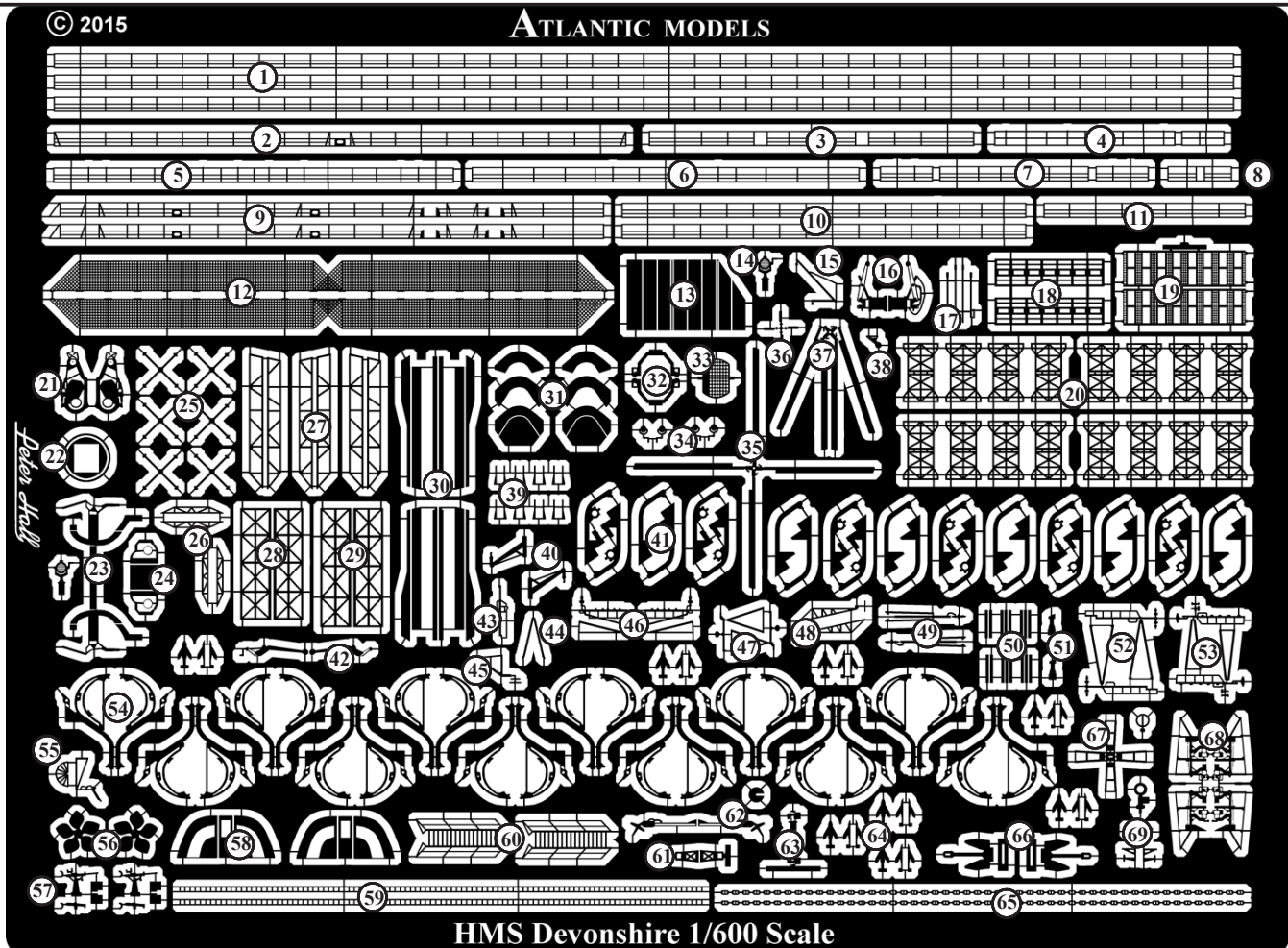


### Parts List



### HMS Devonshire 1/600 Scale

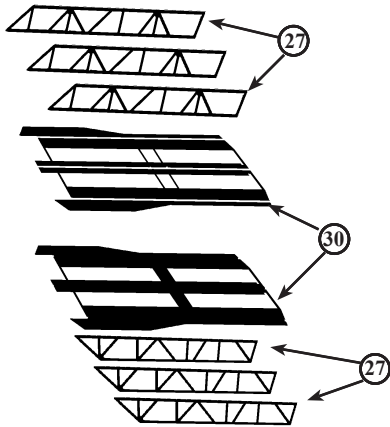
#### Not to Scale

- |  |   |  |
|--|---|--|
| 1. Railings (Stock 3-Bar)                | 24. Sea Slug Launcher Base Plate Bracket  | 47. Yardarms (Mainmast Lower)          |
| 2. Railings (Quarterdeck)                | 25. Sea Slug Launcher Cross Braces        | 48. Yardarms (Foremast Front Quarters) |
| 3. Railings ('B' Gun Deck)               | 26. Sea Slug Launcher Spanwise Frames     | 49. Yardarms (Mainmast Aft Quarters)   |
| 4. Railings (Foremast Platforms)         | 27. Sea Slug Launcher Longitudinal Frames | 50. Corvus Chaff Launcher Tubes        |
| 5. Railings (Hangar Roof)                | 28. Sea Slug Launcher Top Frame           | 51. Corvus Chaff Launcher Stand        |
| 6. Railings (Aft Funnel Deck)            | 29. Sea Slug Launcher Bottom Frame        | 52. Yardarms (Foremast Side)           |
| 7. Railings (Mainmast Deck)              | 30. Sea Slug Launcher Missile Rails       | 53. Yardarms (Mainmast Side)           |
| 8. Railings (Fwd Director Deck)          | 31. Corvus Chaff Launcher Enclosure       | 54. Boat Davits                        |
| 9. Railings (Foc'sle)                    | 32. 277 Radar Antenna Frame               | 55. Sword and Shield Antenna           |
| 10. Railings (Fwd Superstructure, Sides) | 33. 277 Radar Antenna                     | 56. 5-Bladed Propellers                |
| 11. Railings (Fwd Superstructure, Rear)  | 34. Signal Lamps                          | 57. 20mm Oerlikon Mounts               |
| 12. Flight Deck Safety Nets              | 35. Wessex Helicopter Main Rotor          | 58. Engine Room Vents                  |
| 13. Hangar Door                          | 36. Wessex Helicopter Tail Rotor          | 59. Stock Vertical Ladders             |
| 14. Searchlights                         | 37. Wessex Helicopter Folded Main Rotor   | 60. Quarterdeck Ladders                |
| 15. Foremast Lower Gaff                  | 38. Wessex Helicopter Tail Wheel          | 61. 978 Radar Antenna                  |
| 16. Paravane Crane (HIAB)                | 39. Sea Cat Missile Launcher Rails        | 62. Sea Slug Telemetry Antenna         |
| 17. 965 Radar Antenna Under Frames       | 40. Sea Cat Loading Davits                | 63. 992 Radar Antenna                  |
| 18. 965 Radar Antenna Rear Frames        | 41. Boat Davit Lower Leg Thickeners       | 64. Sea Cat Missiles                   |
| 19. 965 Radar Antenna Front Frames       | 42. Paravane Crane (Manual)               | 65. Anchor Chain                       |
| 20. 965 Radar Antenna Inner Mesh Screens | 43. Yardarm (Foremast Front)              | 66. Anchors                            |
| 21. Sea Slug Launcher Side Arms          | 44. Yardarm Stays                         | 67. Signal Deck DF Antenna             |
| 22. Sea Slug Launcher Base Plate         | 45. Yardarm Sensor (Mainmast Front)       | 68. Mainmast ECM Gear                  |
| 23. Sea Slug Launcher Support Frame      | 46. Yardarms (Fore Funnel)                | 69. Foretopmast Pole Antennas          |

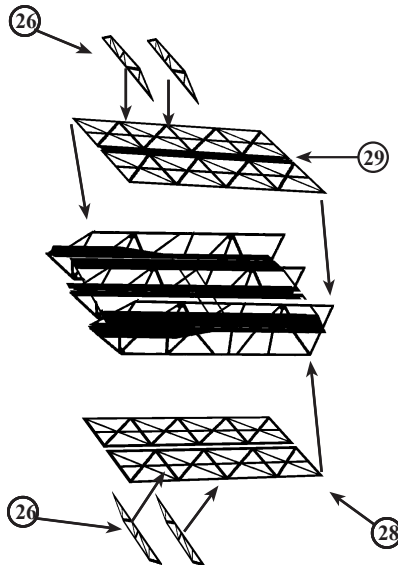
#### General Instructions

- 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. We recommend that the entire fret be primed with an acrylic automotive primer such as Halfords Grey Primer before assembling any of the parts.
- 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.
- 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 No.10 rounded type of modelling knife blade for this purpose.
- 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.
- 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.

## Sea Slug Missile Launcher Assembly



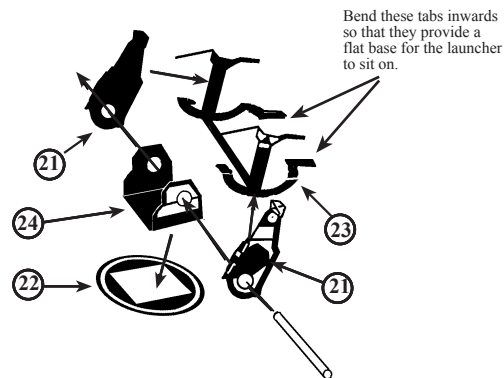
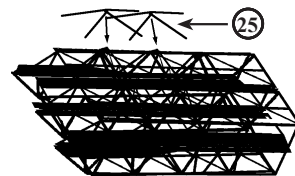
To assemble missile launcher, first take the two centre plates, etched parts 30 & fit the upper & lower vertical supports, etched parts 27 into the relief-etched grooves. When this is done join the two centre plates together to form the missile guide rail section.



Next take the rectangular crossbraces, etched parts 28 & 29, & fit flat across the upper & lower vertical supports 27, as shown.

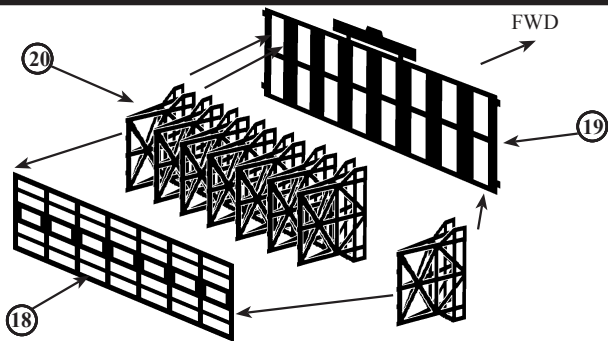
**NOTE:** The lower crossbracing is slightly shorter than the upper. Fit the angular crossbeams, etched parts 26, as shown to the 2nd & 3rd crossbar on the upper face, & the first & 2nd crossbar on the lower face.

Fit the four point braces, etched parts 25, to the corners of the angular cross beams, then attach the ends of the legs to the points directly below them. There are four of these on the top & two on the bottom.



Assemble launcher mounting as shown, using a piece of 1mm plastic rod to pass through the holes provided.

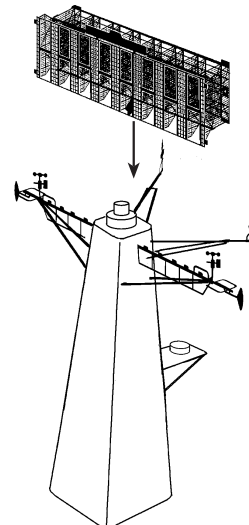
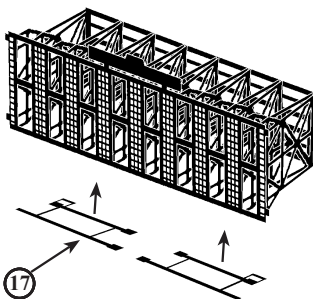
## 965 Radar Antenna Assembly



To assemble the 965 Antenna, first fit the inner frames, etched parts 20, to the vertical bars on the front face, etched part 19, as shown above. Each of the inner frames folds vertically down the centre line to form a V-shaped part, with the front verticals fitting on each side of the openings on the front face.

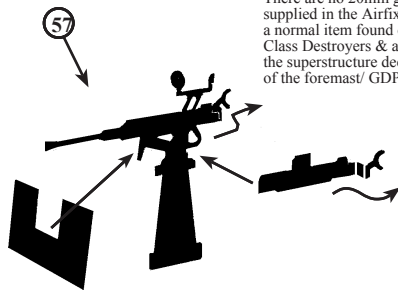
Fit the rear face plate, etched part 18, to the rear of the assembly, fitting the vertical bars onto the rear vertical bars on the point of the 'V' of the inner frames. Fit the counter frames 17 to the underside of the antenna. Fit the assembled radar antenna to the mounting peg on the top of the mainmast, kit parts 27 & 28. This directly replaces kit part 32.

If the Double Bedstead version of the 965 antenna is being made, do not separate the upper & lower sections of etched parts 18 & 19, as they are spaced correctly with tie bars. Assemble the double array in the same way as for the single.



Fit the central locating plates onto the locating peg on top of the mainmast as shown above.

## 20mm Oerlikon Mount



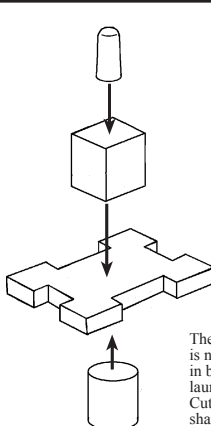
There are no 20mm gun mounts supplied in the Airfix kit. These are a normal item found on all the County-Class Destroyers & are located on the superstructure deck on each side of the foremast/ GDP housing.

Fold the shoulder rests on each part of the gun body so that they are set apart when the gun body doubler is fitted. Fit the doubler plate to the gun body so that the long part fits over the gun body, making it double thickness.

Fit the gun shield centrally to the locating lug just below the mid point on the gun.

Make two to fit as indicated above

## Sea Cat Missile Launcher

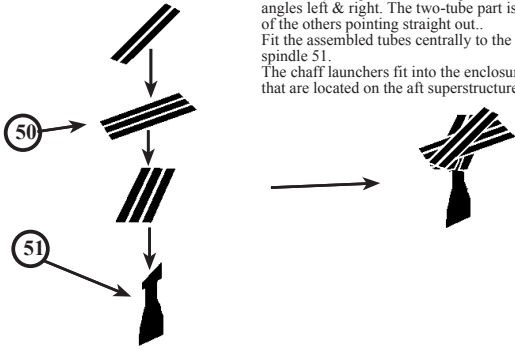


Assemble the Sea Cat missiles using etched parts 64 as shown left. These can be fitted to the launcher as desired. Fit the side rails, etched parts 39, to the short sides of the launcher.

The Sea Cat missile launcher supplied in the kit is not really very representative of the actual item in both shape & size. We suggest that a new launcher is made from plasticard as shown left. Cut a rectangle 4.5mm x 3.5mm of plasticard and shape as shown left. Cut a square of plastic strip 2mm x 2mm & fit to the top surface. Cut a 2mm length of 2mm diameter plastic rod & fit to the underside. Cut a 2.25mm length of 1mm plastic rod or stretched sprue & fit to the top, as shown. Make two of these.

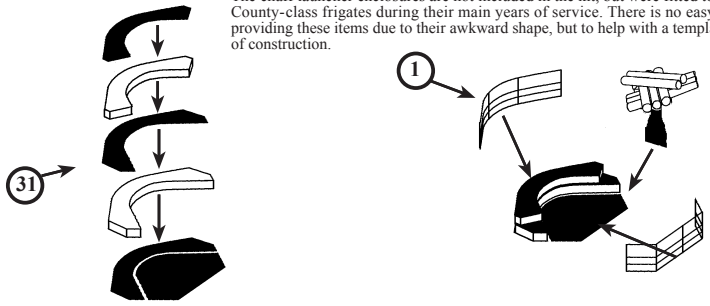
### Corvus Chaff Launcher Assembly

Assemble the Corvus chaff launcher by layering the rocket tubes, etched parts 50, on top of each other at equal angles left & right. The two-tube part is then fitted on top of the others pointing straight out. Fit the assembled tubes centrally to the top of the mounting spindle 51. The chaff launchers fit into the enclosures, etched parts 31, that are located on the aft superstructure.



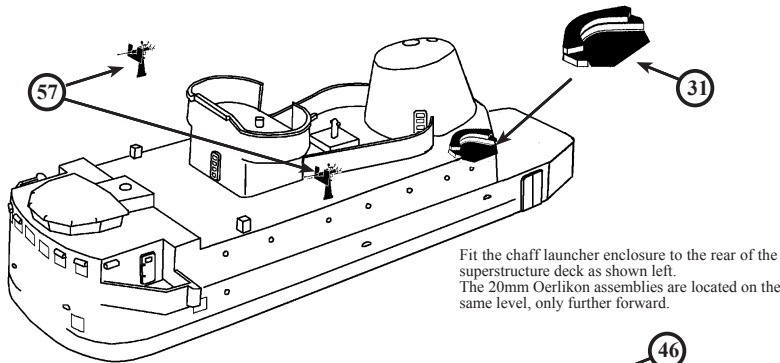
### Corvus Chaff Launcher Enclosure Assembly

The chaff launcher enclosures are not included in the kit, but were fitted to all of the County-class frigates during their main years of service. There is no easy way of providing these items due to their awkward shape, but to help with a template method of construction.



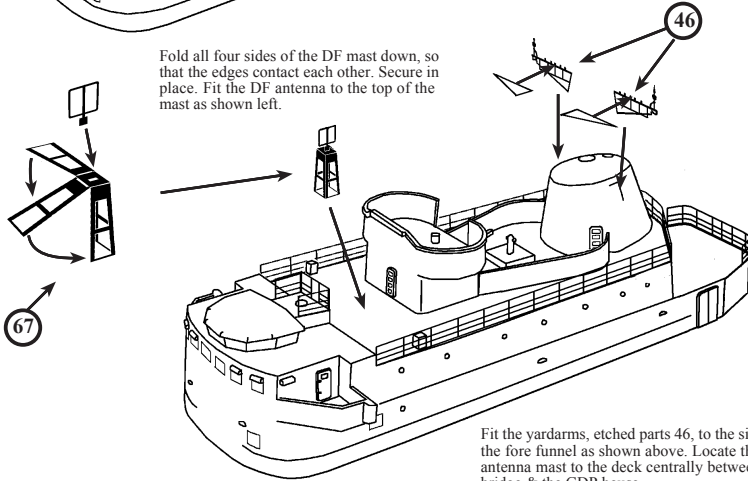
Start with the top level from etched parts 31, laminate the brass top plate to a piece of 20thou (0.5mm) plastic card with super glue. Cut the plastic card to the shape of the brass plate. Repeat the process with the 2nd layer which is slightly larger. When the plastic card is shaped into the brass plates, fit the lower layer onto the base plate using the etched line as a locating guide & secure into place. Fit the top layer centrally onto the lower layer, giving a set of steps on each side. Cut & shape the lengths of railing to the edges of the enclosure from the stock railing supplied. Fit the chaff launcher assembly centrally onto the base of the enclosure. Make two of these.

### Forward Superstructure Fittings Location



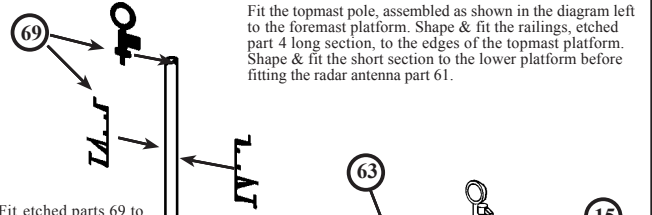
Fit the chaff launcher enclosure to the rear of the superstructure deck as shown left. The 20mm Oerlikon assemblies are located on the same level, only further forward.

Fold all four sides of the DF mast down, so that the edges contact each other. Secure in place. Fit the DF antenna to the top of the mast as shown left.



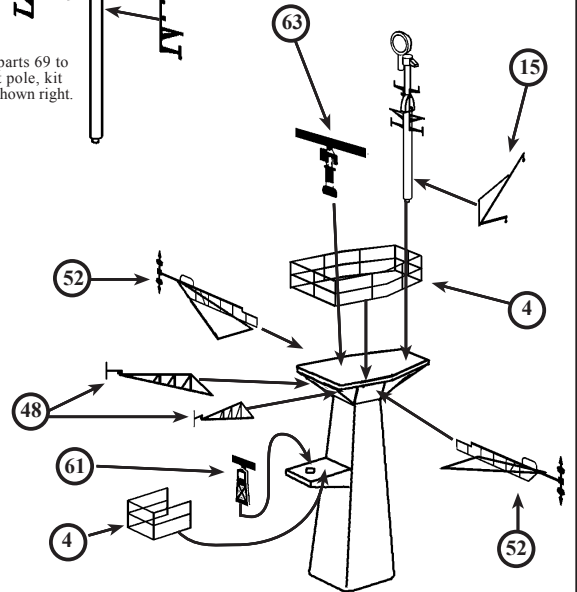
Fit the yardarms, etched parts 46, to the sides of the fore funnel as shown above. Locate the DF antenna mast to the deck centrally between the bridge & the GDP house.

### Foremast Details Location



Fit the topmast pole, assembled as shown in the diagram left to the foremast platform. Shape & fit the railings, etched part 4 long section, to the edges of the topmast platform. Shape & fit the short section to the lower platform before fitting the radar antenna part 61.

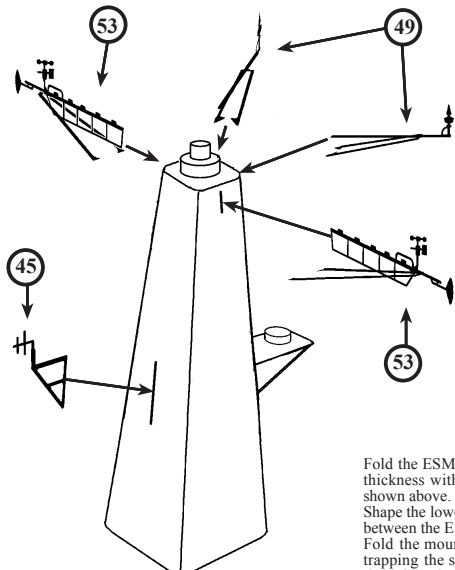
Fit etched parts 69 to the topmast pole, kit part 26, as shown right.



Fold the yardarm stays on etched parts 52, over so that they pass around the inner end of the yardarm to a position as shown in the diagram. These then fit to the underside of the mast platform as shown. A slot may need to be cut into the angled section of the mast top to allow for a firm fit. Fold the body of the 992 radar antenna in half so that it is double-thickness, then fit to the forward part of the mast platform in the place of kit part 25.

### Mainmast Details Location

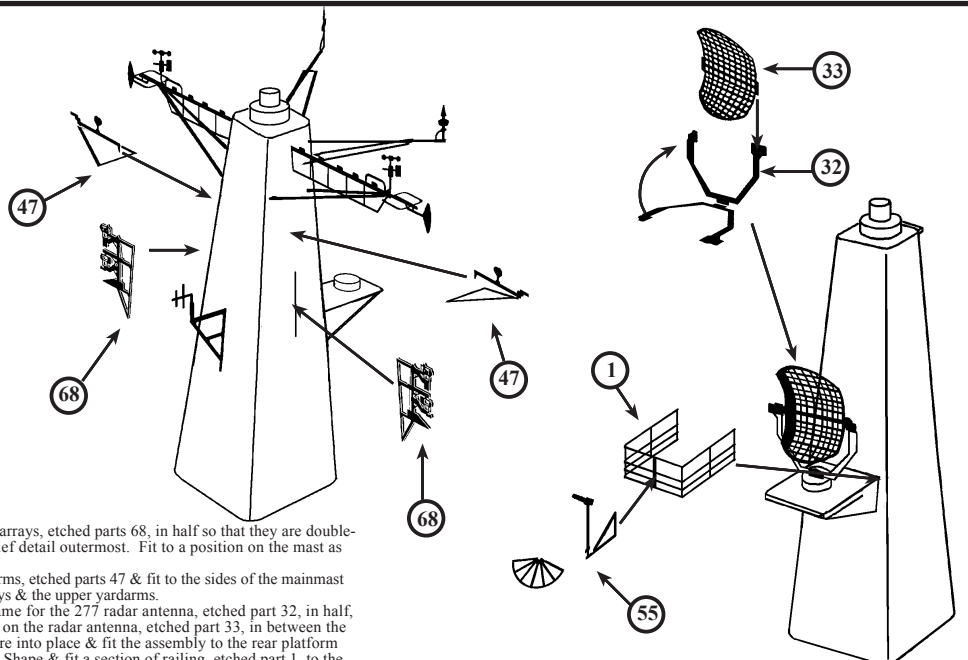
Shape the side yardarms, etched parts 53, in the same way as previously described for those fitted to the foremast. Shape etched parts 49 as shown below, and fit to the top rear corners of the mainmast.



Fold the ESM Sensor arrays, etched parts 68, in half so that they are double-thickness with the relief detail outermost. Fit to a position on the mast as shown above.

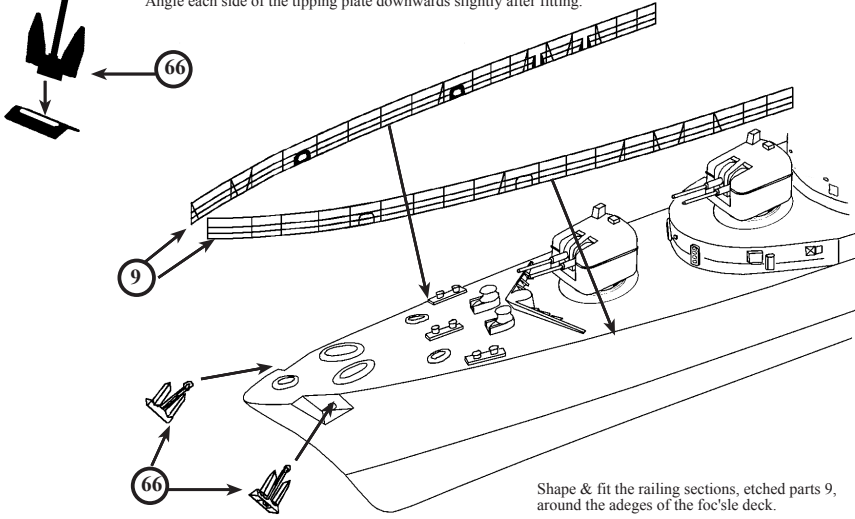
Shape the lower yardarms, etched parts 47 & fit to the sides of the mainmast between the ESM arrays & the upper yardarms.

Fold the mounting frame for the 277 radar antenna, etched part 32, in half, trapping the side lugs on the radar antenna, etched part 33, in between the tips of the forks. Secure into place & fit the assembly to the rear platform in place of kit part 29. Shape & fit a section of railing, etched part 1, to the edge of the platform.



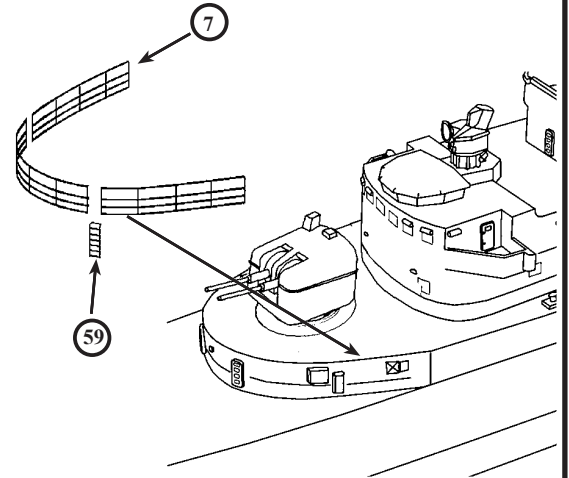
### Fore Deck Railings Location

Assemble the anchors, etched parts 66, as shown left by pushing the lower lug on the anchor body through the slot in the tipping plate. Angle each side of the tipping plate downwards slightly after fitting.



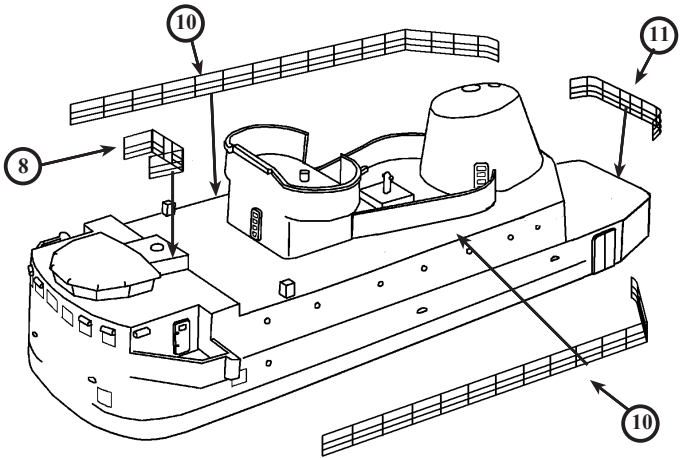
Shape & fit the railing sections, etched parts 9, around the edges of the fore deck.

### B Gun Deck Railings Location



Shape & fit the railings sections, etched parts 7, to the forward edges of the step in the deck forward of B gun mount. Make sure there are two gaps in the railing for vertical ladders, etched part 59, to access.

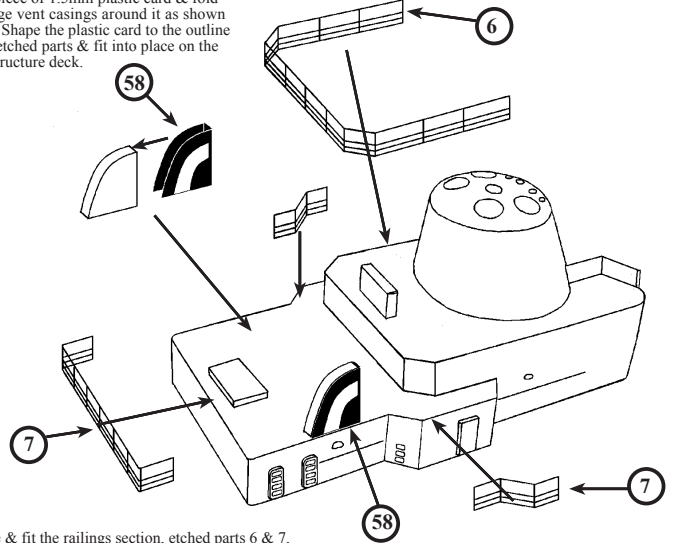
### Forward Superstructure Railings



Shape & fit the railings, etched parts 10, to the side edges of the forward superstructure with the forward end starting at the small step behind the bridge. If the Corvus chaff launcher enclosures are to be fitted out-board of the funnel, the aft part of the railing will need to be shaped around the edge of the protruding area of the enclosure. A small section of etched part 1 will need to be added to the end of the railing run towards the rear of the funnel to compensate.

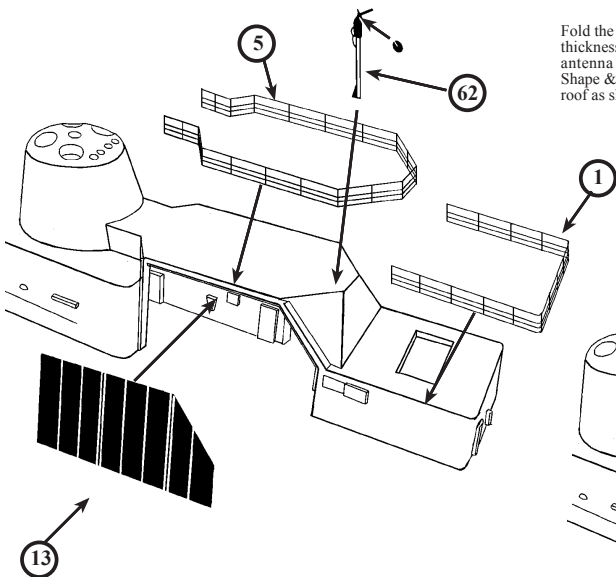
### Large Vent Assembly & Location

Cut a piece of 1.5mm plastic card & fold the large vent casings around it as shown below. Shape the plastic card to the outline of the etched parts & fit into place on the superstructure deck.



Shape & fit the railings section, etched parts 6 & 7, as shown.

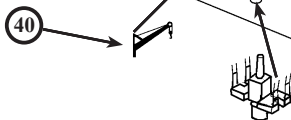
### Aft Superstructure & Hangar Fittings Location



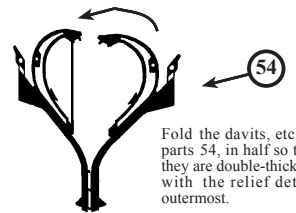
Fold the telemetry antenna pole, etched part 62, in half so that it is double-thickness with the relief-etched detail outermost. Fit the small dish to the antenna dipole, then fit the assembly to the rear of the hangar roof. Shape & fit the railings section, etched part 5, to the edges of the hangar roof as shown.

Make a crane post from plastic rod or stretched sprue & fit to the deck just forward of the hangar, as shown below. Fit the Sea Cat loading crane to the crane post. Make two of these & fit on opposite sides of the deck. Fit the Sea Cat launcher assemblies to the position shown in the place of kit parts 59 and 60.

Fit the hangar door, etched part 13, into place after first removing the moulded plastic panel from the aft superstructure. The replacement door may be displayed in the open position by folding the sections of door along the vertical lines in a concertina fashion, so that it is flat against the forward vertical pillar.

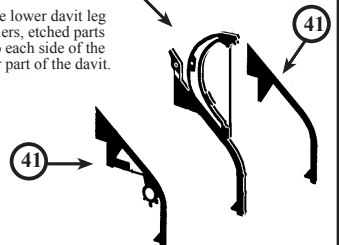


### Boat Davit Assembly



Fold the davits, etched parts 54, in half so that they are double-thickness with the relief detail outermost.

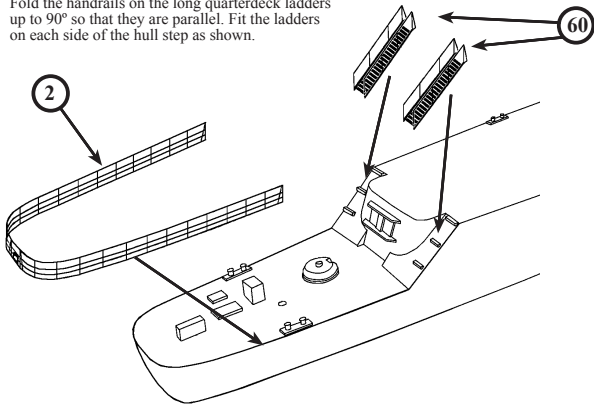
Fit the lower davit leg doublers, etched parts 41, to each side of the lower part of the davit.



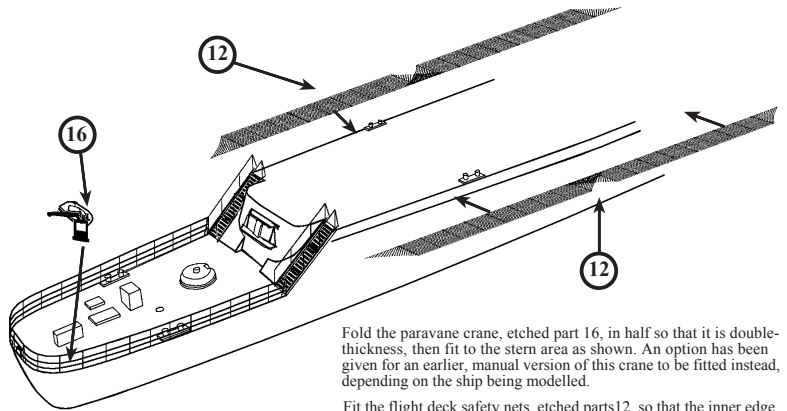
Make five pairs of these davits to replace kit parts 44, 45, 47, 48, 50, 51, 53, 54, 56 & 57.

## Quarterdeck Railings & Flight Deck Safety Nets Location

Fold the handrails on the long quarterdeck ladders up to 90° so that they are parallel. Fit the ladders on each side of the hull step as shown.



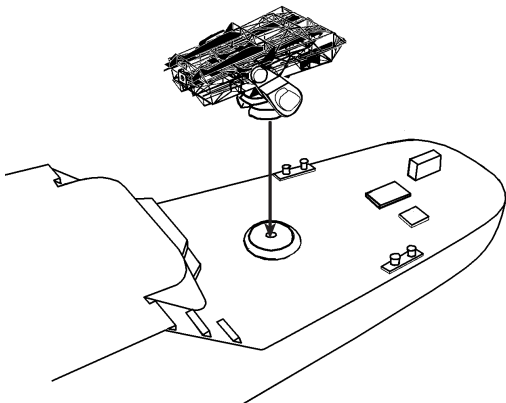
Shape and fit the quarterdeck railing, etched part 2, to the edges of the quarterdeck.



Fold the paravane crane, etched part 16, in half so that it is double-thickness, then fit to the stern area as shown. An option has been given for an earlier, manual version of this crane to be fitted instead, depending on the ship being modelled.

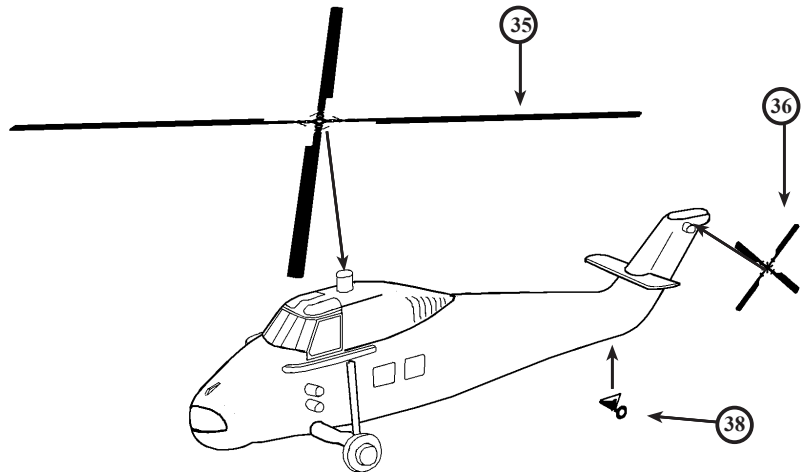
Fit the flight deck safety nets, etched parts 12, so that the inner edge is 3mm below the edge of the deck. These nets can be fitted in the raised or lowered positions in the location.

## Sea Slug Launcher Location



The completed Sea Slug launcher assembly is fitted to the locating point on the quarterdeck in place of kit parts 65 & 66. If it makes things easier, kit part 64, the mounting yoke may be utilised instead of the etched mounting yoke, to fit the assembled launcher into.

## Wessex HAS 1 Helicopter Fittings



The Wessex HAS 1 fuselage supplied in the kit as part 62 may be further enhanced by replacing kit parts 61 & 63, main & tail rotors, with etched parts 35 & 36. A replacement tail undercarriage unit, etched part 38 has also been supplied. For those who wish to add a bit of diversity, a folded main rotor, etched part 37, has been provided to fit in the place of etched part 35.

## Other Instructions

1. Stock lengths of railings, etched parts 1, have been supplied to cater to those who wish to embark on a major kit bash & correct the errors that are present in this early representation of the *Devonshire*. The lengths of railing also serve the fittings that are required along the sides of the main deck from B gun position to the Sea Cat launchers.
2. Sufficient anchor chain, etched parts 65, has been supplied to allow not only the replacement of the chain on the foc'sle deck from the capstans to the hawsepipes, but also to allow the modeller to stream anchor chain from the hawsepipe to the surface of the water when a diorama scene is being modelled.
3. Vertical Ladders for fitting to the masts & platforms can be cut to the required length from the stock supplied, etched parts 59.
4. The propellers supplied in the kit as parts 73 & 74 are incorrect in the number of blades. Etched parts 56 are the correct 5-bladed propellers needed if a full-hulled model is being built. Cut the plastic blades from the hub & clean the circumference. Cut the hub in two at the point where the blades are to fit in & then refit the hub boss & shaft to the centre of the etched blades. The individual propeller blades may now be twisted to shape to form a screw.
5. For more information on the *Devonshire* & other ships of the class, go to: <http://countyclasdestroyers.co.uk/> This is an excellent website that is rich in photographic information that will help with building the model.
6. This detail set has been designed as a straightforward enhancement for the Airfix 1/600 scale kit as it comes in the box. The kit itself is of vintage moulding from 1963 & so is not of the same standard of kits found today. Needless to say, there are inaccuracies in the kit, some serious, that will need to be addressed by the modeller if an in-depth build is to be carried out. To this end the details in this set will be a welcome addition providing the parts required to finish the fine details that are so evident on this type of ship in the form of the bedstead radars & the huge Sea Slug missile launcher.