

## **Type 41 Anti Aircraft Frigate** H.M.S. PUMA 1970 1/350 Scale

The Type 41 or "Cat" class were a class of anti aircraft frigates built for the Royal Navy as escort vessels to provide anti aircraft cover for convoys. After an initial order for these ships was cut back to four (HMS Lynx, Leopard, Puma and Jaguar) another three were ordered to be built for the Indian Navy (INS Beas, Betwa and Brahmaputra)

Because of their diesel power plants as opposed to the normal steam plants, they could not achieve fleet speeds and could only make 24 knots. They shared a common hull and machinery with the Type 61 "Cathedral" class aircraft direction frigates with which they were intended to operate. HMS Puma was built by Scotts at Greenoch, being laid down on 16th November 1953 and launched on 30th June 1954. She was commissioned in to service on 27th April 1957and spent the first few months of her career involved in trials and working up around the coast of Britain.

Because of the greater range given to the ships of this class, by their diesel engines, they were ideal for use patrolling the vast expanses of the southern oceans especially around the British dependencies in the South Atlantic and so the first commission of HMS Puma took her southwards, visiting such places as Lagos, Rio de Janiero, St Helena and Tristan de Cunha before taking up station at Simonstown in to South Africa. Puma spent the early 1960s patrolling the South Atlantic area and exercising with the South African Navy. In 1964 Puma suffered damage from a fire on board which laid her up being repair for several months.

Initially all four of the Royal Navy's ships were fitted with the Type 960 Air Search Radar on the main mast, with the Type 293 target acquisition radar on the fore mast, but in the mid 1960's all four of the ships of the class were modernised and the main mast was strengthened and plated in to support the more modern AKE-1 bedstead antenna for the Type 965 radar. The Type 293 on the fore mast was replaced with a Type 993. The unreliable twin bofors STAAG gun mounting aft of the main mast was also removed and replaced with a single 40mm Bofors mounting.

During the late 1960s after Puma had completed her modernisation, she was deployed on to the Far East station where she operated from Hong Kong and Singapore.

In June 1972 after returning home, HMS Puma paid off for the last time and was withdrawn from service, finally being broken up for scrap in 1976

## **General Precautions**

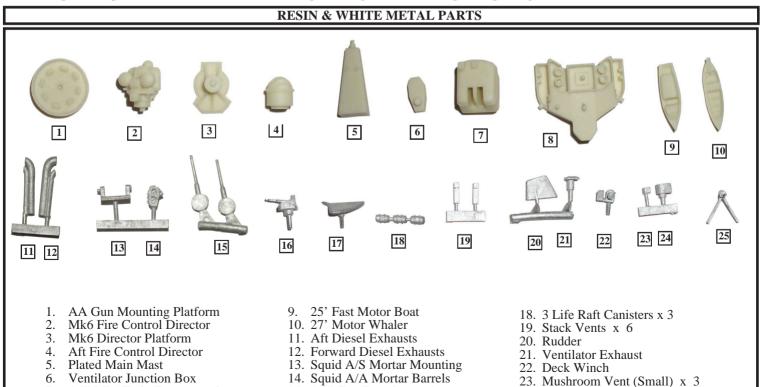
When assembling a Resin / Photoetched metal kit, certain precautions must first be taken.

1. Resin dust can be harmful if inhaled. It is recommended that you wear a suitable dust mask when drilling or sanding resin parts.

2. Cyano adhesives (super glues ) are generally used to assemble this type of kit. Care must be taken when using this type of adhesive as it will bond in seconds. Follow the advice on the container.

3.Wash resin parts in a solution of warm soapy water before assembly. This will remove any residual mold release agents and ensure a good key for painting.

4. Soak photoetch parts in a suitable solvent, such as white spirit, to degrease the surfaces prior to painting.

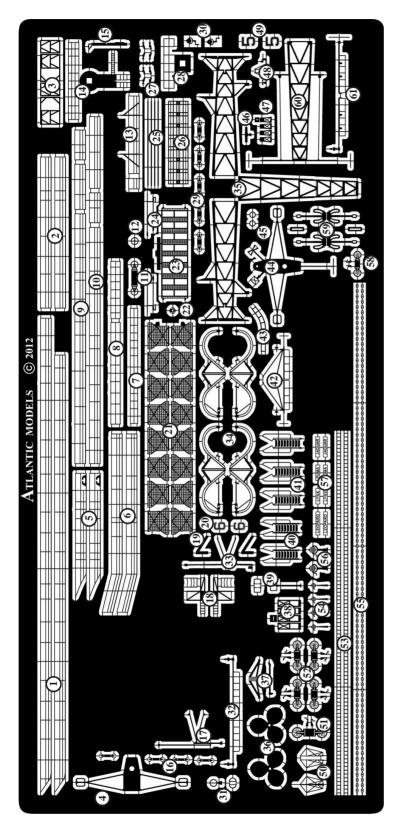


- 4.5" Mk6 Twin Turret x 2 7.
- 8. Frigate Bridge Unit
- 16. 40mm Single Bofors Mounting
- 17. 993 Radar Antenna

15. 4.5" Gun Barrels x 4

- 24. Mushroom Vent (Large) x 3
- 25. Propeller Hub and 'A' Frame x 2

PHOTO ETCHED METAL PARTS



Fore Mast Forward Yards (Late Fit) 974 Navigation Radar Antenna 974 Radar Antenna Mast Fore Mast Top Weather Vanes RAS Gantry Amidships DF Antenna Mast Squid Loading Trolley Rails Fore Mast Top Platform Fore Mast Antenna Loops Inclined Ladder (Focsle) Lattice Fore Mast Inclined Ladder DF Antenna Ensign Staff Boat Davits Propellers 965 Radar Antenna Base Plate
965 Radar Aantenna Front Panel
965 Radar Antenna Bottom Stays
965 Radar Antenna Horizontal Stays
965 Radar Antenna Rear Plate 965 Radar Antenna Mesh Screens Mk6 Director Access Platforms Fore Mast Nav Radar Platform Fore Mast Top Pole Antennas Bridge Wing Signal Lamps Bridge Roof DF Antenna Main Mast Yardarms Mast Squadron Numbers 7 Mast Squadron Numbers 6 Cable Reels (Small) Jack Staff  $\begin{array}{c} 117.\\ 118.\\ 118.\\ 222.\\$ 

Auxiliary Stearing Platform Support

Railings (Main Deck Aft)

Railings (Focsle)

Main Mast Yardarm Stays

Railings (Stern) Railings (Main Deck Forward) Railings (Fore Mast Top Platform) Railings (Mk6 Director Platform)

Railings (Upper Deck Port) Railings (Upper Deck Starboard) Squid Mounting Hand Wheel Railings (Aft Superstructure) Auxiliary Steering Platform

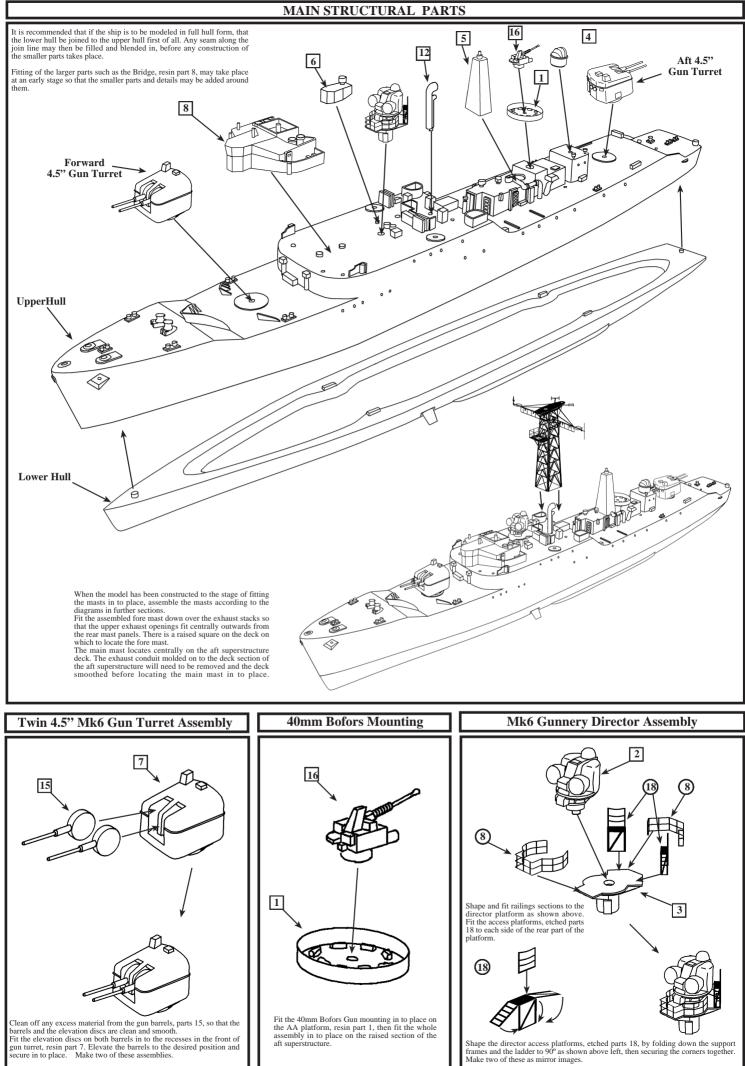
Cordages Reel

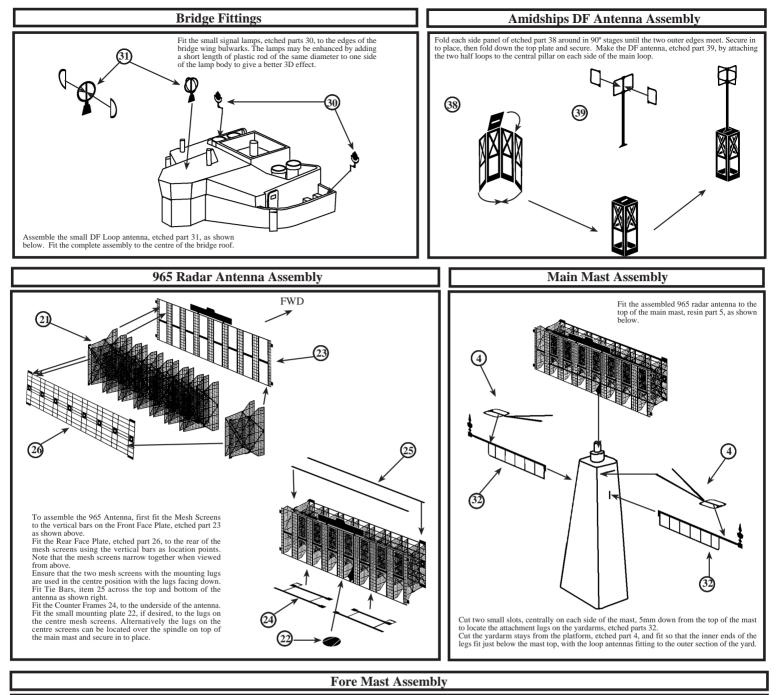
Wire Antenna Collector Cordage Reels (Small)

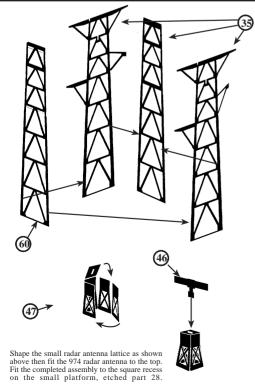
- Mast Squadron Numbers 5 Fore Mast Top HF/DF Antenna Signal Lamp Standards (Small) Vertical Ladder Stock Cable Reels (Large) Hawser Reel
  - Ships Name Plates Cable Reel (Small)
- Fore Mast Forward Lattice Anchors 449. 551. 552. 555. 555. 557. 557. 559. 601.

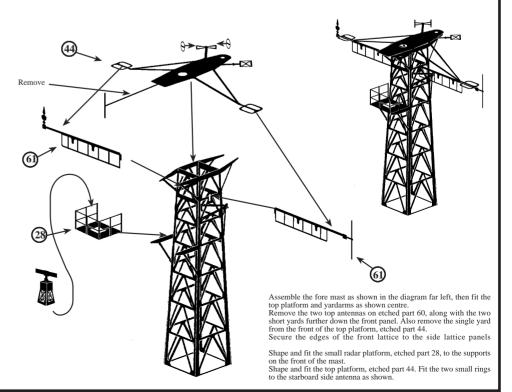
  - Anchor Chain Searchlights

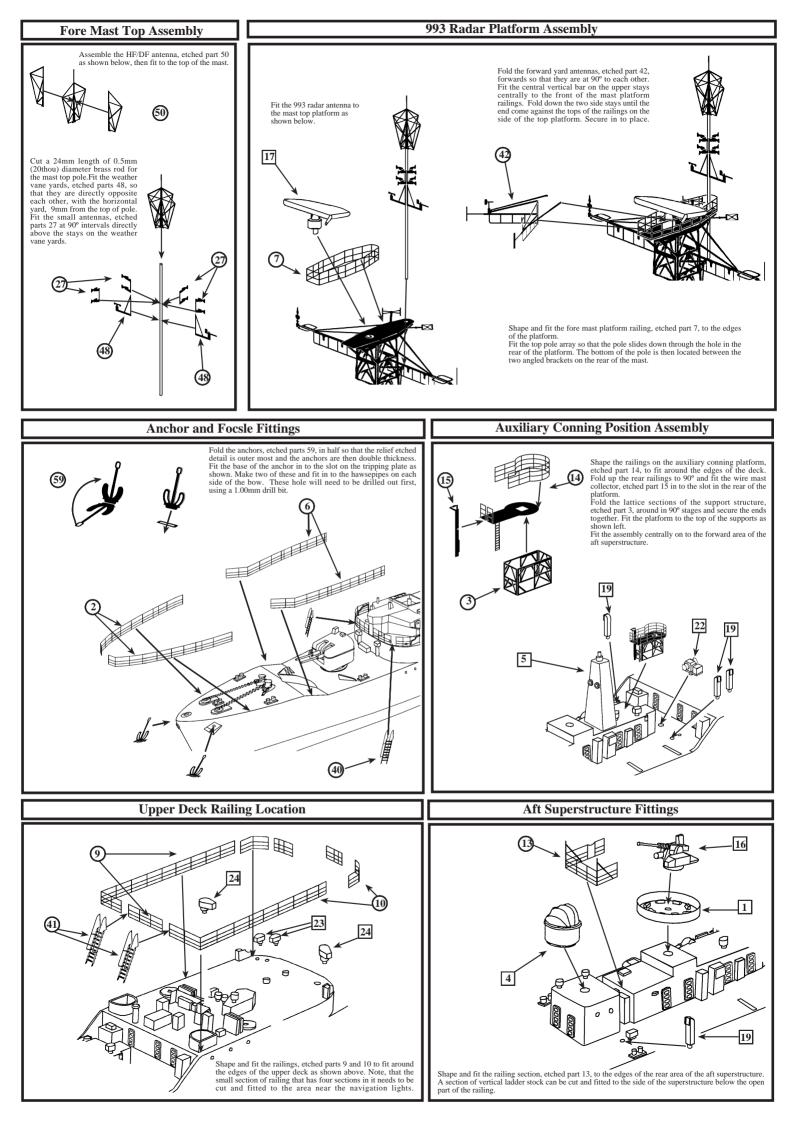
Fore Mast Yardarms

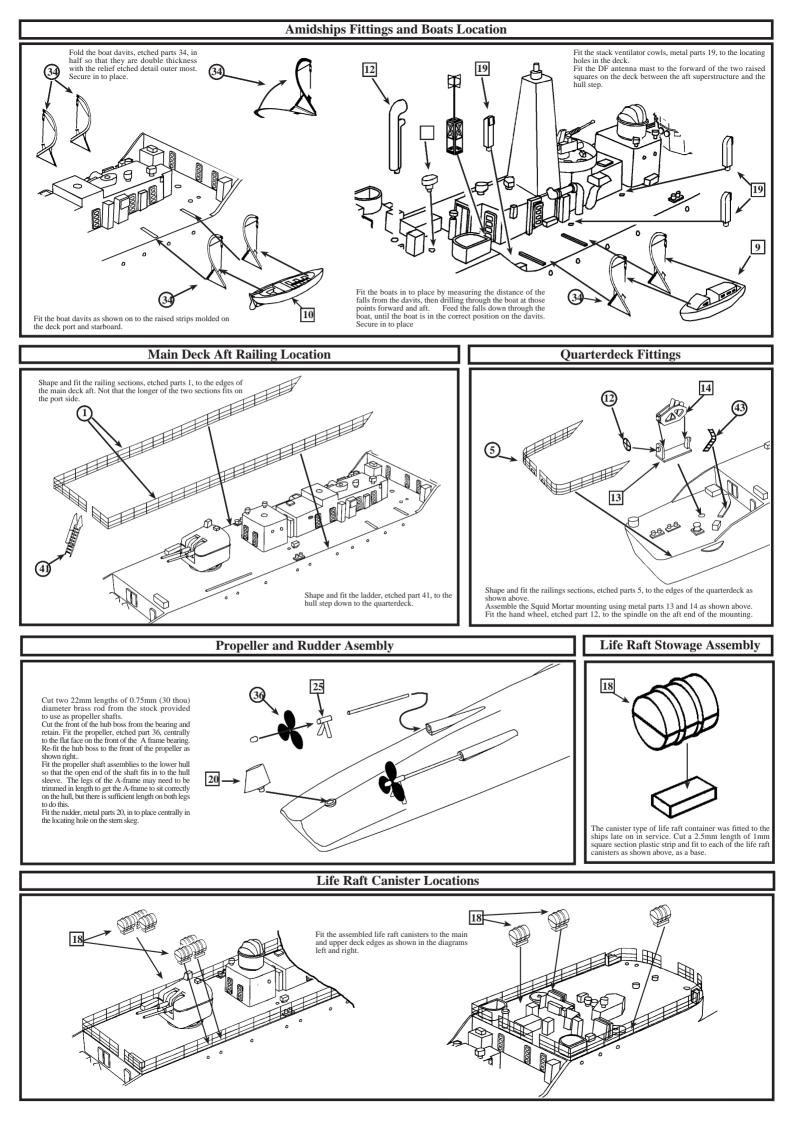


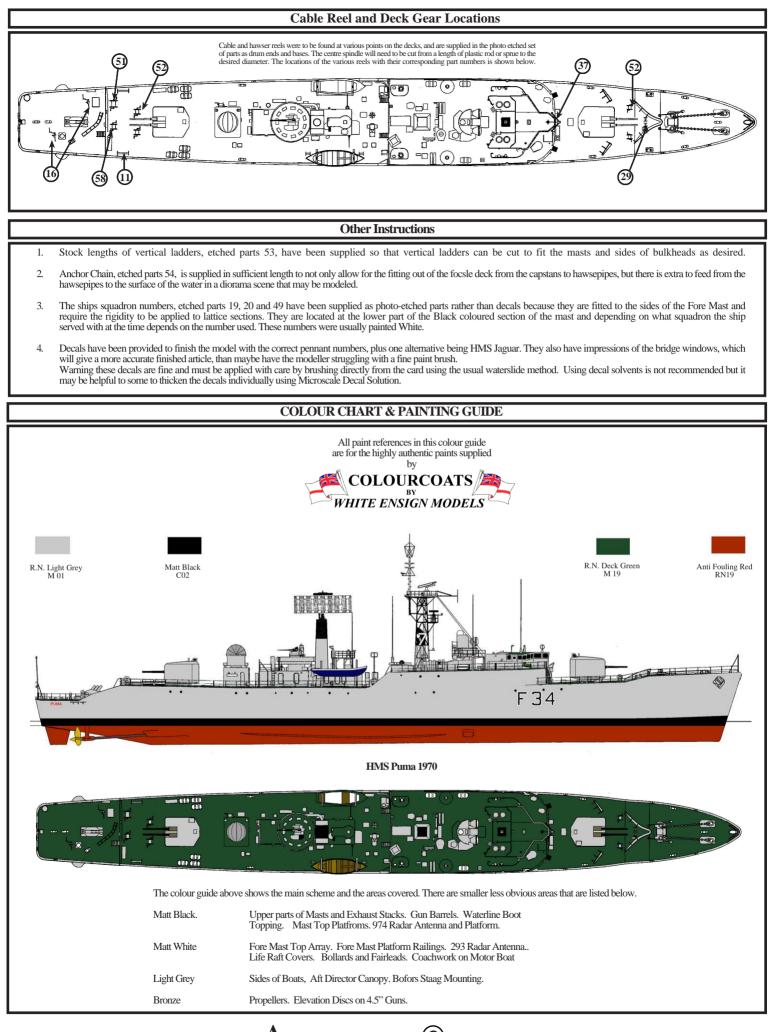












## ATLANTIC MODELS C 2012

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