The first ships designed specifically for warfare dated back to 1200 B.C. when Egyptian King Rameses III defeated the Philistines in the first recorded naval battle. These ships, although fitted with sailing gear, were primarily propelled by the strength of many oarsmen. This provided rapid maneuverability unless the oars of the opposing vessels became entangled during the close quarters required for hand to hand combat.

By the sixteenth century the warship had evolved into a more efficient weapon. Small bore guns replaced the various swords, and larger cannons could rip a hole in the side of a stout hull. The cumbersome oars were no longer present as the refinement of sails and rigging provided the necessary maneuverability.

The most popular configuration for the sixteenth century warship was the galleon. Historical records credit the Spanish with the development of these vessels which were used successfully by them as commercial ships in addition to their military role. Soon galleons were being constructed by all the major nations of Europe.

Each country refined the basic design to its own needs; however, the galleon's shape remained clearly identifiable through the variations.

English Galleons built during the reign of Her Majesty Queen Elizabeth usually carried a fourth, or bonaventure, mast on the poop deck. Great, ornate castles rose from the hull at the bow and the stern. Gunports lined the sides of the hull and heavy bronze and iron cannons poked their formidable noses at any would-be opponent. Often the crews of the Elizabethan Men O'War were made up of more sailors than soldiers since close combat was still a primary strategy in naval warfare.

As a progressive development of the earlier Spanish Galleons, the sixteenth century English Man O' War had become the most advanced warship on the seas. These ships were armed with the latest in sea-going ordnance. The cannons were the heaviest made and could fling a fifty pound iron ball nearly a mile. Several well-directed shots from this weapon could easily sink a ship. Smaller Demi-cannon were similar but fired a 32 pound shot. The Culverin was a name given to a 32 caliber gun which could fire an 18 pound ball a mile and a quarter. Other smaller arms were used for close fighting to tear into the enemy rigging.

Elizabethan Men O'War were gaily decorated to brighten the otherwise drab surroundings of the sea. Certain decorations were required. For example, the Admiral’s devices and colors were to be painted on the ornamentation from the mainwale to the castle tops. All shields were to display the Admiral’s arms and devices as well as flags and banners. The sails could be painted with designs and colors as desired by the crews, and for celebrating a victory, the ship was to be “covered in and curtained with rich cloth.”

In 1588 a small but well-directed, fleet of Elizabethan galleons met the formidable Spanish Armada off the coast of England. The Spaniards were intent on invading the British Isles in order to put an end to England’s harassment of the Spanish colonies by Sir Francis Drake. However, it was Drake himself who led the English fleet to victory against the superior Spanish force. This was, perhaps, the most famous encounter involving these Elizabethan warships.
HOW TO PAINT THE HULL PARTS

1. Your kit contains 4 groups of parts. Two Brown, Black and Tan. Each part has an identifying number on the back side of the part or on a tab adjacent to the part.
2. DO NOT REMOVE individual parts until called for in assembly instructions. Small parts may be lost and proper identity of similar looking parts may cause confusion.
3. Try fitting parts together before cementing them in place. Some parts may require slight trimming to obtain a good fit.

1. The lower sections of the Hull below the waterline should be painted a Medium Cream Color.
2. Use masking tape pressed firmly to the Hull to maintain an even edge.
3. You may either follow the lower edge of the Bottom Rub Rail or establish a straight line slightly below. Either way is historically correct.
4. Allow paint to dry then remove masking tape and continue with detail painting.
You will find some parts of your model are easier to paint before assembly. These are indicated in the painting instructions. The colors required for each part or area will be indicated by a small flag.

Any paint on cementing areas should be removed before assembly to obtain a good bond between parts.
1. Assemble the twenty CANNON BARRELS by cementing the UPPER HALF Part (1) to LOWER HALF Part (2).
2. Use the smallest size TAN THREAD and cut approximately 5 inch lengths. Tie THREAD at center to each CANNON BARREL. Touch with small dab of cement to hold THREAD.
3. Cement CANNON BARRELS to GUN CARRIAGES (3).

CANNONS

1. Cement the two FORWARD HULL SUPPORTS (4) to the FORWARD BASE (5) and the REAR SUPPORTS (6) to the REAR BASE (7).
2. Cement the NAMEPLATE (8) to the CENTER SUPPORT (9).

SHIP'S STAND

DECK DETAILS

1. Slide the WINDLASS RATCHET WHEEL (10) on the WINDLASS (11) and cement in position.
2. Cement WINDLASS SUPPORT LEFT (12) and RIGHT (13) to the WINDLASS. Cement assembly to DECK (14).
3. Cement WINDLASS RATCHET STOP (15) to DECK.
4. Cement four EYEBOLTS (16) to DECK.
5. Cement FORWARD (17) and AFT (18) BOAT CRADLES to DECK.
6. Cement two MAINMAST PIRNAILS (19) to DECK.

1. UPPER CANNON BARREL (20 Parts)
2. LOWER CANNON BARREL (20 Parts)
3. GUN CARRIAGES (20 Parts)
4. FORWARD HULL SUPPORTS (2 Parts)
5. FORWARD BASE
6. REAR HULL SUPPORTS (2 Parts)
7. REAR BASE
8. NAMEPLATE
9. CENTER SUPPORT
10. WINDLASS RATCHET WHEEL
11. WINDLASS
12. WINDLASS SUPPORT LEFT
13. WINDLASS SUPPORT RIGHT
14. MAIN DECK
15. WINDLASS RATCHET STOP
16. EYEBOLTS (4 Parts)
17. FORWARD BOAT CRADLE
18. AFT BOAT CRADLE
19. MAINMAST PIN RAIL (2 Parts)
1. Cement twenty EYEBOLTS (16) to the inside of each HULL SIDE, RIGHT (20) and LEFT (21).
2. Cement two CLEATS (22) to the inside of each HULL.
3. Cement the two HULL SIDES together. Use CLAMPS, CLOTHES PINS or TAPE to hold sides together until cement has set and then remove.
4. Spread HULL SIDES slightly to avoid hitting EYEBOLTS and install MAIN DECK (14). DECK must locate below ledge and on top of pins. Notch on edge of DECK must locate against vertical edge of HULL. Cement DECK to HULL.
5. Lead ANCHOR ROPE through holes in HULL SIDES and loosely tie ends together until ANCHOR installation.
RUDDER INSTALLATION

1. Cement the Stern (23) to the Hull.
2. Cement the two halves of the RUDDER LEFT (24) and RIGHT (25) together around the RUDDER HINGE on Hull.
3. Cement the SHIPS STAND assemblies and NAME-PLATE from STEP 2 to the HULL.

CANNON INSTALLATION

1. Cement the twenty CANNONS from STEP 1 to the Deck.
2. Thread the ends of the CANNON RETAINING ROPES through the EYEBOLTS and tie, or loop and cement thread to EYEBOLT, hold until cement sets and then cut off the excess length.
3. Tie a heavy TAN THREAD 14 inches long to CLEAT on each HULL SIDE. Lead lines through sides of HULL, loop and tape to side until required in rigging MAIN-MAST MAINSAIL.
1. Cement the HEAD GRATING (26) to HULL.
2. Cement the FORE BULKHEAD (27) to HULL.
3. Cement the FORECASTLE DECK (28) to HULL and BULKHEAD.
4. Cement the FORECASTLE REAR BULKHEAD (29) to both DECKS.
5. Cement the FORE BULKHEAD LADDER (30) to HEAD GRATING.
6. Cement the FORECASTLE LADDER (31) to DECKS.
7. Cement the HALF DECK SUPPORT FRAME (32) and BULKHEAD (33) to MAIN DECK.
8. Cement SUPERSTRUCTURE RIGHT SIDE (34) to MAIN DECK and top edge of HULL.
9. Cement MAIN CABIN REAR BULKHEAD (35) to DECK and RIGHT SIDE.
1. Cement HALF DECK (36) to BULKHEADS and RIGHT SUPERSTRUCTURE SIDE.
2. Cement COMPANIONWAY LADDER (37) to MAIN and HALF DECKS.
3. Cement LEFT SUPERSTRUCTURE SIDE (38) to DECKS and top edge of HULL.
4. Cement QUARTER DECK BULKHEAD (39) to HALF DECK.
5. Cement QUARTER DECK REAR BULKHEAD (40) to DECK and SIDES.
6. Cement QUARTER DECK (41) in position.
7. Cement one CLEAT (22) to QUARTER DECK REAR BULKHEAD.
1. Cement two CATHEADS (42) to FORE CASTLE DECK.
2. Cement two FOREMAST PIN RAILS (43) to FORE CASTLE DECK.
3. Cement the SEATS (44) to the BOAT (45) then cement the two sets of OARS (46) to the SEATS.
4. Cement the BOAT to the BOAT CRADLES.
5. Use short lengths of the medium weight TAN THREAD and lash BOAT to DECK.
1. Cement HALF DECK RAILING (47) to DECK.
2. Cement COMPANIONWAY LEFT (48) and RIGHT (49) sides to FRONT (50). Cement to DECK.
3. Cement QUARTER DECK LADDER (51) in position.
4. Cement QUARTER DECK RAILING (52) to DECK.
5. Cement MIZZEN PINRAIL (53) to QUARTER DECK.
6. Cement one, HALF DECK PINRAIL (54) and QUARTER DECK PINRAIL (55) to both sides of HULL.
1. Cement MAIN DECK LEFT (56) and RIGHT (57) GUARD RAILS to MAIN DECK.
2. Cement MAIN DECK AFT GUARD RAIL (58) to DECK.
3. Cement HALF DECK LEFT (59) and RIGHT (60) GUARD RAILS to HALF DECK. Then cement HALF DECK AFT GUARD RAIL (61) to DECK.
1. Cement the LEFT (62) and RIGHT (63) FOREMAST CHAIN PLATES to HULL.
2. Cement the MAINMAST CHAIN PLATES LEFT (64) and RIGHT (65) to HULL.
3. Cement the MIZZENMAST CHAIN PLATES LEFT (66) and RIGHT (67) to HULL.
4. Cement the BONAVENTURE CHAIN PLATES LEFT (121) and RIGHT (122) to HULL.
5. Cement four EYEBOLTS (16) to each side of HULL.
1. Cement the two ANCHOR STOCKS (68) to the ANCHORS (69). Cement the ANCHOR RINGS (70) to the STOCKS. Allow cement to dry and then proceed.
2. Loop ANCHOR ROPE through an ANCHOR RING wrap with the small tan thread and tie.
3. Tie ANCHOR RING to CATHEAD with a double loop of heavy TAN THREAD.
4. Repeat ANCHOR installation on other side.
1. Cement the LEFT (71) and RIGHT (72) halves of the BOWSPRIT together.
2. Cut lines 1, 2 and 3 from the medium weight BLACK THREAD to the lengths shown. This length will allow sufficient for a tie at both ends.
3. Tie ends to BOWSPRIT as indicated. Touch ties with a small dab of cement.
4. Tie one "A" Type Block to Line 4 and install lines 4 and 5 as shown.
5. Use the small BLACK THREAD and tie two "A" Blocks to BOWSPRIT one on each side.
6. Cement BOWSPRIT to HULL Assembly.
7. Use 18" of heavy BLACK THREAD and lash the BOWSPRIT to the HULL as indicated.
8. Cement seven SHIELDS (73) to each side of HULL along top edge of RAIL as you wish.
1. Cement the LEFT (74) and RIGHT (75) halves of the FOREMAST together.
2. Cement the BASE (76) and SIDES (77) of the LOWER FOREMAST TOP together.
3. Cement the LEFT (78) and RIGHT (79) sides of the FORE TOPMAST together.
4. Cement the TOP to the FOREMAST. Slide the FORE TOPMAST through hole in LOWER MAST CAP (80) and cement to parts previously assembled.
5. Cement BASE (81) and SIDES (82) of UPPER MAST TOP together, cement to MAST assembly.
6. Slide FORE TOP GALLANT MAST (83) through UPPER MAST CAP (84) and cement to assembly.
7. Tie blocks as indicated to MAST ASSEMBLY.
8. Cement RATLINES (R-1), (R-2), (R-3) and (R-4) to MAST ASSEMBLY.
9. Cut lines 6, 7 and 8 from the medium weight BLACK THREAD and tie to LOWER MAST Section.
MAINMAST ASSEMBLY

1. Cement LEFT (85) and RIGHT (86) MAINMAST HALVES together.
2. Cement BASE (87) and SIDES (88) of MAST TOP together.
3. Cement LEFT (89) and RIGHT (90) MAIN TOPMAST HALVES together.
4. Cement MAST TOP to MAINMAST, slide TOPMAST through MAST CAP (91) and cement in position.
5. Cement BASE (92) and SIDES (93) of UPPER MAST TOP together. Slide MAIN TOP GALLANT MAST (94) through UPPER MAST CAP (95) and cement parts to MAST assembly.
6. Tie RIGGING BLOCKS to MAST assembly as noted.
7. Cement RATIONAILINES (R-7), (R-8), (R-9) and (R-10) to MAST Assembly.
8. Tie lines 9, 10 and 11 of medium BLACK THREAD to LOWER MAST.
1. Cement the Left (96) and Right (97) MIZZENMASTS together.
2. Cement the MAST TOP BASE (98) and Sides (99) to MAST.
3. Assemble TOPMAST (100) and MAST CAP (101) to MAST.
4. Install RIGGING BLOCKS as noted.
5. Cement RATLINES (R-13) and (R-14) to Assembly.

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1. Cement the Left (123) and Right (124) MAST HALVES together.
2. Cement the MAST TOP (125), MAST CAP (126) and TOPMAST (127) to MAST.
3. Install RIGGING BLOCKS as shown.
1. Cement FOREMAST from Step 15 to FORECASTLE DECK and MAIN DECK.
2. Cement RATLINES (R-5) and (R-6) to CHAIN PLATES and MAST below MAST TOP.
3. Cement MAINMAST from STEP 16 to MAIN DECK. Tie BLOCKS as noted, then cement RATLINES (R-11) and (R-12) to CHAIN PLATES and MAST.
4. Cement MIZZENMAST from STEP 17 and RATLINES (R-15) and (R-16) in position. Tie BLOCKS to RATLINES as indicated.
5. Cement BONAVENTURE MAST from STEP 18 and RATLINES (R-17) and (R-18) in position. Tie BLOCKS to RATLINES as indicated.
6. Check alignment of all MASTS and RATLINES and make adjustments if required before cement has set.
7. Stow ANCHORS to Sides of HULL as shown with heavy Tan THREAD.
1. The Three YARDS on both the FORE and MAIN MASTS have the same number and type of RIGGING BLOCKS installed in the same position. Cement Halves of FORE MAIN YARD (102) and (103) together. Remove FORE TOPSAIL YARD (104) and TOP GALLANT YARD (105) from Tan Section and install BLOCKS as indicated and set aside.

2. Duplicate above assembly with MAINMAST YARDS using Parts (106), (107) and (108) and (109). DO NOT INTER-MIX with FOREMAST YARDS.

3. Cement MIZZEN YARD (110) and (111) together and install BLOCKS as indicated.

4. Install BLOCKS on BONAVENTURE YARD (112) as indicated.