

WILHELMSHAVEN PAPERMODELS

NUMBER ONE IN PAPER ENGINEERING

Aviso LORELEY-2



Technical Description and General Information

The Radaviso LORELEY (1) (the predecessor of our model), built only in 1859, was so run down by the end of the 1860's that it made no sense to overhaul her in the shipyards. The leadership of the German Navy decided to commission the Imperial Shipyard in Wilhelmshaven to incorporate the usable parts and construct a new ship which was to be the first in the line of many warships built at this shipyard. The war of 1870/71 delayed construction so that the LORELEY 2 was finally launched on August 19, 1871. She was commissioned on April 3, 1873 and served until 1879 as the tender of the German North Sea Navy station. The function worth mentioning during this period was her deployment to Folkestone, GB, on June 18, 1878, where she was to participate in the recovery operations of the armored frigate GROSSER KURFUERST. She had the primary responsibility to insure that the recovered bodies of the drowned sailors were properly interned in the harbor's cemetery. She returned to Wilhelmshaven on September 21, 1878.

The Imperial Shipyard in Wilhelmshaven reprovisioned the ship for its future permanent assignment in Constantinople. Whereas Prussia had made only partial use of its rights under the Paris Peace Treaty of 1856, it was decided that a war ship would be permanently stationed there and at the same time be put at the disposal of the ambassador. The LORELEY departed on July 20, 1879 and arrived in the Bosphorus on August 30, 1879. She was stationed of Bujukdere.

On November 15, 1879 she rendezvoused in Genoa, Italy with the Covered Corvette PRINZ ADALBERT and "Flat deck corvette" SOPHIE which were accompanying Crown Prince Wilhelm on his trip to Spain. During a severe storm in the Gulf of Lyon, the LORELEY almost capsized. A line had become entangled in one of the paddle wheels. The crew was able to clear the line from the wheel and the ship arrived in Valencia on November 22. She subsequently visited the shipyard

in La Valetta and after numerous assignments finally returned to her post in the Bosphorus on April 10, 1884.

The schedule in 1886 was very strenuous. For the first time a program was instituted whereby young men of conscript age who had lived in the Orient had to be examined and assigned to different categories of duty. To perform this duty, the LORELEY made port calls on Rhodes, Cyprus and the Palestinian coast. In the same year the danger of a war between Greece and Turkey caused the great powers to form a blockade in the region. In contravention to this blockade, Bismarck, to show the Reich's sympathy for Turkey, sent the Ambassador, accompanied by the commandant of the LORELEY, on an official visit to an officer's hospital in sultan's palace. This greatly angered the other foreign governments. The year ended for the Loreley with a basic overhaul in La Valetta which lasted until April 20, 1887.

A special mission began for the Loreley on October 6, 1894. The German naval Attaché assigned to Russia, Lieutenant Kalau von Hofe, came on board for a cruise in the Black Sea, which included harbor calls at Russian ports. The reception of the LORELEY in these harbors was very unfriendly and reflected among other reasons the political tension between Russia and Great Britain which was seen as an ally of Germany.

In the meanwhile the LORELEY had been so run down that she had to be replaced by another warship. She still undertook a Spring cruise of the Black Sea, but her name was removed from the list of warships on August 10, 1896 with an effective date of her decommissioning on September 7 in Constantinople. Her subsequent fate is unknown.

Technical Data

Gross tonnage: 450 tons

Length: 46.6 m (152 ft 10 in)

Width: 6.6 m (21 ft 7 ¾ in)

Draft: 3.05 m (10 ft)

Crew: 57 men

Propulsion: Expansion engine with two side wheels

Speed: 9.4 knots

Armament: One 12.5 cm cannon
One 8 cm cannon

Shipyard: Imperial shipyard in
Wilhelmshaven

Launch Date: August 19, 1871

Commissioning Date: April 16, 1873

Building Instructions for LORELEY

These instructions augment the sketches 1-8

Part 1 – Base plate (Sketch 1)

Fold the tabs on the base plate up.

Parts 2-12 – Longitudinal and cross bulkheads (Sketch 2)

Make incisions on the longitudinal bulkhead where indicated, fold the tabs on the longitudinal bulkhead alternating to match the markings on the base plate and fasten to the base plate as indicated. Make incisions on the cross bulkheads 3-12 and slide on to the longitudinal bulkhead as indicated. Fasten the cross bulkheads to the longitudinal bulkhead and the base plate.

Part 13 – Deck (Sketch 3)

Cut out the mast hole and glue the deck to the bulkheads.

Parts 14-16a – Hull (Sketch 3)

Form the hull, adjust to fit and glue to the deck, cross bulkheads and base plate. Parts 14a, 14b, 15a and 15b form the inner side of the bulwark. Glue the stern parts 14c and 15c in place. Parts 16 and 16a form the transom.

Parts 17 – Superstructure (Sketch 4)

Cut out the mast hole in part 17. Score and fold part 17, gluing the corners edge to edge and fasten to the deck.

Parts 18, 18a and 19, 19a Paddlewheel covers (Sketch 4)

Fold the rounded portion back, form the rectangular area and glue edge to edge to the rounded portions. Score, fold and glue edge to edge part 18a and attach with part 18 to the deck. Prepare parts 19 and 19a in a similar manner.

Parts 20 and 21 – Paddlewheels (Sketch 4)

The black areas between the wheel spokes can be cut out if your desire. Then score, fold and glue edge to edge part 20 into a rounded box. Glue this box as shown in the sketch under the deck. Prepare part 21 in the same way.

Parts 22-23a Skylights (Sketch 4)

Score, fold and glue part 22 edge to edge into a box open on one side. Glue the box with the open side to the deck. Score, fold, glue together parts 22a and fasten to either side of 22. Prepare parts 23 and 23a in the same way.

Parts 24 – Box (Sketch 5)

Score, fold and glue part 24 into a box open on one side and fasten to the appropriate marking on the foredeck.

Parts 25-25f – Superstructure Deck (Sketch 5)

Cut out the mast hole and glue part 25 to the superstructure 17. Score, fold and glue back to back the railing parts 25a-25f and glue as shown in the sketch to the edge of the superstructure deck.

Parts 26-26a – Wheel House (Sketch 5)

Score, fold and glue part 26 into an octagon-shaped box, open at both ends. Close the top of part 26 with part 26a. Fasten the wheel house to superstructure deck 25 with the door facing the stern.

Parts 27-27b – Funnel (Sketch 5)

Separate part 27a from 27. Round part 27 and using part 27a as a gluing tab, form part 27 into a cylinder. Close the top of the funnel with part 27b and fasten to deck 25 behind the wheel house as marked. Glue part 27c edge to edge into a cylinder and fasten to the seam of part 27 as an over-pressure tube (whistle).

Parts 28 and 28a - Two Air Vents (Sketch 5)

Glue parts 28 edge to edge length-wise into a cylinder and close the bottom opening with part 28a. Glue both part 28b's into conical cylinders (red side inward) and close the smaller opening of each with a part c. Position part b horizontally on top of part 28. Position these parts on deck 25 on either side on the markings.

Parts 29 –29c– Bridge Sponson, Compass and Steering Wheel (Sketch 6)

Fold the railing portion of part 29 up. Glue portions as appropriate back to back. Complete the missing portions with part 29a. Fold and glue and position lights parts 29b and c as shown in sketch 6. Glue back to back and cut out the compass (29d) and steering wheel (29e) and fasten to the forward middle of the bridge sponson.

Parts 30-30f – Two Cannon (Sketch 5)

Construct and position the cannon as shown in sketch 5.

Parts 31, 32-32c Davits and four Boats (Sketch 6)

Fold and glue part 31 into one piece three sheets thick. Cut out the davits and position them on the markings on the hull. Construct the boats as shown in the sketch (use the extra white portion to help shape the boats, separating as shown after boats have been shaped). You may cut out the white fields on parts 32b. Hang the boats with thin thread from the davits.

Parts 33, 34, 34a, 35 and 35a, 36 and 36a – Bow sprit, masts, yard and sails (Sketches 7 & 8)

Score parts 33, 34, 34a, 35 and 35a with the help of the lines on the end and glue into cylinders. Position bow sprit 33 on the bow as shown in sketch 7. Construct the mast parts 34 and 34a and 35 and 35a as shown in sketch 7, insert into the mast holes as far as ½ inch and fasten the

masts to the railing or wall as appropriate. Fold and glue the rectangle with the part number 36 and 36a in the same manner as with part 31 (make certain that the colored portions are on the outside). Cut out the parts and fasten to the masts. Glue the sails back to back and fasten with thread to the masts as shown in sketch 7.

Parts 37-37b Two mast lanterns (Sketch 7)

Glue two lanterns 37 edge to edge into a cylinder, close the top and the bottom with a and b. Fasten the lanterns on the forward and rear mast over one another and facing forward (rear one higher than the forward one).

Parts 38-38b Stern lantern (Sketch 7)

Glue the stern lantern 38 edge to edge into a cylinder and close both ends with disks a and b. Fasten to the middle of the transom facing rearward.

Part 39 Ships bell

Form part 39 into a cone and fasten as the ships bell nearby the door of the wheel house

Part 40 Two anchors

Cut out the anchors as usual and position on the deck at the bow and stern.

Part 41 Flag

Glue the flag back to back and position it on the stern with a needle.

Construct the rigging as shown in sketch 8.