

Workmanship. Are the butts of plating planed or otherwise fitted? *Hammered*
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *yes*
 Are the fillings between the ribs and plates solid single pieces? *yes*
 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes*
 Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes*
 Do any rivets break into or through the seams or butts of the plating? *no* 23678 Iron

Masts, Bowsprit, Yards, &c., are *Iron* in *good* condition, and sufficient in size and length. If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit *Iron masts for auxiliary purposes only.*
The masts for this vessel have been built in accordance with the drawings submitted and approved for sister ship "Shahjehan". The iron of which they are built was tested and found satisfactory. The approved drawings are attached to the Belfast report No 2581.

NUMBER for EQUIPMENT 23,266		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate.	Weight req'd per Rule.	Test per Rule.		
N ^o . SAILS. Fore Sails, Fore Top Sails, Fore Topmast Stay Sails, Main Sails, Main Top Sails, and <i>good</i>	CABLES, &c. Chain <i>Lloyds proving house</i> <i>S. G. Lewis</i> <i>supl 14/3/79</i> Stm Cbl Hawser ... Towlines ... Warp quality <i>good</i>	135 1/2	1 3/4	55-2-2-0	270-1 12/16	55-1/8	Bowers	1	30-3-6	29-5-2-14	30-0-0	28 1/2		
		134 1/2	1 3/4	55-2-2-0				1	29-1-10	28-3-0-14	30-0-0	28 1/2		
		75	1 1/6	13 1/2	75-1 1/6	13 9/15		Stream	1	9-2-18	11-13-1-21	9-2-0	11 1/2	
		90	11		90-11			Kedges	1	4-3-25	7-7-2-0	4-3-0	7 1/2	
		90	10		90-11				1	2-0-27	4 3/4	2-2-0	5	
		90	6		90-7									
		90	4	2 1/2										

Standing and Running Rigging *wire & hemp* sufficient in size and *good* in quality. She has *two* Long Boat and *two* others
 The Windlass is *good* Capstan *good* and Rudder *good* Pumps *good*

Engine Room Skylights.—How constructed? *Leak* How secured in ordinary weather? *Leak*

What arrangements for deadlights in bad weather? *Deadlights fitted in top of skylight.*

Coal Bunker Openings.—How constructed? *Two in side of boiler casing and two in deck* How are lids secured? *Screws* Height above deck? *12 1/2*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Bulwarks in wake of cargo hatches and gangways fitted with iron stanchions & rails*

Cargo Hatchways.—How formed? *Plates and angles*
 State size Main Hatch *11.6 x 9.10 & 11.6 x 9.10* Fore hatch *7.6 x 6.0 & 19.7 x 9.10* Quarter hatch *✓*

If of extraordinary size, state how framed and secured? *✓*

What arrangement for shifting beams? *Oak shifting beam and oak fore and afters*

Hatches, If strong and efficient? *yes*

Order for Special Survey No. 80	DATE	1st.	2nd.	3rd.	4th.	5th.
10 July 1878	10 July 1878	On the several parts of the frame, when in place, and before the plating was wrought	On the plating during the process of riveting	When the beams were in and fastened, and before the decks were laid...	When the ship was complete, and before the plating was finally coated or cemented...	After the ship was launched and equipped
Order for Ordinary Survey No. 125	125					

General Remarks (State quality of workmanship, &c.) *This two decked vessel has been built in accordance with the drawings submitted and approved see Secretary's letter of the 4th 22nd July 1878, and in other respects to the requirements of the Rules for the 100 A grade.*

She has a turtle back fore-castle not enclosed 48 ft in length, beams 4" x 3" x 7/16 plated at the sides and partially decked with 2 1/2" oak. Windlass fitted under. There are three houses on deck, forward house 32 x 21, next 38 x 21, these two being before and abaft boiler & engine with a continuous 2 1/2" oak flat over forming a hurricane deck, beams 5" x 3" x 7/16 extending to the ship's side, frames being carried up to take them. There is a chart house on this deck composed of wood. The engine room skylight and boat's davits are fitted on this deck. After house 24 x 13 top 2 1/2" oak. Side plating to houses 7/16" and 1/4".

The materials of which she is constructed are good and the workmanship and finish are superior. There is a ballast tank in fore hold divided by a bulkhead at the middle line and one on each side of shaft passage in after hold and of the same height. These tanks have been tested by water pressure to the height of the load line & found satisfactory.

State if one, two, or three, decked vessel, or if spar, or awning decked, and the lengths of poop, fore-castle, or raised quarter deck, and the length of double, or part double bottom.

How are the surfaces preserved from oxidation? Inside *Cement and paint* Outside *paint*

I am of opinion this Vessel be Classed *+ 100 A.1.*

The amount of the Entry Fee ... £ 5 : 0 : 0 is received by me,
 Special ... £ 66 : 13 : 6 5/6 1879
 Certificate ... 2 years:
 Travelling Expenses, if any, £ 14 : 4 : 6

Committee's Minute *10th June, 1879.*

Character assigned *100 A Iron 2 Decks*
Lloyds Register
Foundation

This is a sister ship to "Shahjehan", "Shahjehan" and "Macharya". For drawings see Belfast report No 2581

