

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed or hammered.* 11606 Iron
 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? *Very few.*

Masts, Bowsprit, Yards, &c., are *Wood* 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 *Light Pole Masts*

date of contract 1872 see letter attached

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N ^o .	Weight. Ex. Stock.	Test per Certificate.	Wght req'd per Rule.	Test req'd per Rule.
N ^o .	SAILS.											
/	Fore Sails,	135	1 7/8	34.3.0.0	1 7/8	37.3	Bowers ...	1	18.0.14	19.3.1.0	18.0.0	19.0.0.0
/	Fore Top Sails,	135	1 7/8	34.3.0.0			(Machine where Tested, date, and name of Superintendent.)	1	18.0.10	19.2.0.0		
/	Fore Topmast Stay Sails						Staffordshire Public Test. Mr. H. Reade Superintendent	1	15.1.22	16.18.0.0	15.1.6	16.14.0.0
/	Main Sails,	105	1 5/8		1 5/8		Stream ...	1	8.0.4		8.0.0	
/	Main Top Sails,	90	1 1/2		1 1/2		Kedges ...	1	4.0.11		4.0.0	
and others as usual for a single suit	Warp ...	90	1 1/2		1 1/2				2.0.3		2.0.0	
	quality good	180	1 5/8		9							

Standing and Running Rigging *Wire & Hemp* sufficient in size and *good* in quality. She has *One* Long Boat *One* Life, & *One* Jolly Boat.
 The Windlass is *Patent* Capstan *D. Minch* and Rudder *Efficient* Pumps *One to each Compartment*
Engine Room Skylights.—How constructed? *Spar beamings* How secured in ordinary weather? *Quadrants*
 What arrangements for deadlights in bad weather? *Wooden Shutters with Bulls Eyes*
Coal Bunker Openings.—How constructed? *Spar Rims & Lids* How are lids secured? *Self-locking* Height above deck? *Flush*
Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Open Bulwarks to Spar Deck.*

Cargo Hatchways.—How formed? *Spar beamings 30" high*
 State size **Main Hatch** *14' 6" x 10' 0"* Forehatch *4' 6" x 4' 0"* Quarterhatch _____
 If of extraordinary size, state how framed and secured? _____
 What arrangement for shifting beams? *Two Shifting Beams*
Hatches, If strong and efficient? *Yes*

Order for Special Survey No. *618* DATES of 1st. On the several parts of the frame, when in place, and before the plating was wrought *Built under S.S. and*
 Date *28th November 1872* surveys held 2nd. On the plating during the progress of riveting *Surveyed 1872 - Aug^o 31, Sept^o 6, Oct^o 11, 16, 18, 21, 29,*
 Order for Ordinary Survey No. _____ while building 3rd. When the beams were in and fastened, and before the decks were laid *Nov^o 6, 8, 12, 19, 21, 26, 29, Dec^o 4, 16, 19, 30,*
 Date _____ as per 4th. When the ship was complete, and before the plating was finally coated or cemented *1873 - Jan^o 7, 11, 14, 21, 25, 28, 29,*
 No. *3* in builder's yard. Section 18. 5th. After the ship was launched and equipped *Feb^o 18, 21, 24, 25, 27, March 1, 6, 8, 14, 21, 22, April 2, 4, 8, 30, May 1, 20, 24, June 2, 3, 14, 20, 25, 29.*

General Remarks,
The midship section herewith appended was submitted, and approved by the Committee in letter dated 9th October 1872. The scantlings and arrangements shown thereon, to enable her to be designated a Spar decked Vessel, have been adhered to in the construction.

State if one, two or three decked vessel, or if spar or running decked, and lengths of poop, fore-castle or raised quarter deck, or of double or part double bottom.
 How are the surfaces preserved from oxidation? Inside *Portland Cement to form of Ridge & B.* Outside *Three Coats of Paint: two of Coats of Paint above, which on Bottom are Patent.*
 I am of opinion this Vessel should be Classed *90.A.I.*

The amount of the Entry Fee ... £ 5 : 0 : 0 is received by me,
 Special ... £ 40 : 14 : 0
 # Certificate ... £ 0 : 0 : 0
 (Travelling Expenses) £ 45 : 14 : 0
 (if any) £ _____

Committee's Minute *11th July, 1873*
 Character assigned *90A* — *To have figure 1577/153*
write surveyors Mr. Spar decked to J.P.W. Figure 1 1577/153

J. Minch
 This vessel appears eligible to be Classed 90A Spar decked. There being no evidence on the report that she was begun or contracted for before the 1st July and her chains not being tested in conformity with the new figure 1 1577/153