





Workmanship. Are the butts of plating planed or otherwise fitted? *planed*  
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? *single solid pieces*  
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes* 19400 *Iron*  
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? *at the Butts only, in a few cases.*

Masts, Bowsprit, Yards, &c., are *Iron & 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 *please see sketch*

*The Mast plates were tested hot and cold and proved quite satisfactory*

NUMBER for EQUIPMENT		25,325	fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	N <sup>o</sup> .	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
SAILS.													
N <sup>o</sup> .	CABLES, &c.	270	1 13	59 1/2	270-1 13	59 1/2		Bowers	1	38.2.0	31.5.0.0	32.0.0	30 1/10
	Chain								1	30.1.4	28.17.0.2	32.0.0	30 1/10
	Fore Sails,								1	27.3.14	27.0.2.14	27.1.0	26 1/20
	Fore Top Sails,												
	Fore Topmast Stay Sails												
	Main Sails,												
	Main Top Sails,												
	Warp												
	quality	180	5 1/2	90-7									

Standing and Running Rigging *S.P. Fine Rope* sufficient in size and *good* in quality. She has *2 life Long* Boats and *two others*  
The Windlass is *Emerson & Walters* Capstan *2 S.P. 1/2" and Rudder* *good* Pumps *5 hand, also Steam pumps*

Engine Room Skylights.—How constructed? *Wood 8" x 12" on 2" Iron Cas* How secured in ordinary weather? *thumb screws*

What arrangements for deadlights in bad weather? *Solid Shutters and Bulls Eyes*

Coal Bunker Openings.—How constructed? *bolting plates* How are lids secured? *sewed* Height above deck? *5 in*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *ports in the Bulmarks and Scuppers*

Cargo Hatchways.—How formed? *Iron plates fitted in the usual manner.*

State size Main Hatch *20 ft x 11 ft 6 in 8 ft 9 in* Forehatch *10 ft x 8 ft* Quarterhatch *12 ft x 8 ft*

If of extraordinary size, state how framed and secured? *all have wood fore and aft Carlings the*

What arrangement for shifting beams? *large Main Hatch has web plate Beam and double width tie plates*

Hatches, If strong and efficient? *Solid, efficient*

Order for Special Survey No. <i>2647</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>Built under S.P. and Surveyed 1877. Oct 12 15 25 31 Nov 13 20 27</i>
Date <i>22<sup>nd</sup> Nov/76</i>		2nd. On the plating during the process of riveting	<i>12 15 19 22 26 27 Dec 13 14 15 22 24 27 31 Feb 15 19 23 26 27 March 15 19 23 26 27</i>
Order for Ordinary Survey No. <i>—</i>		3rd. When the beams were in and fastened, and before the decks were laid....	<i>16 12 15 20 23 28 April 4 6 9 15 18 22 24 26 May 13 17 19 22 23 June 12 15 19</i>
Date <i>—</i>		4th. When the ship was complete, and before the plating was finally coated or cemented..	<i>11 14 20 26 July 3 16 26 30 August 2 4 9 14 23 24 29 Sep 3 5 17 19 26 Oct 2 5 6 9</i>
No. <i>92</i> in builder's yard.		5th. After the ship was launched and equipped	<i>10 11 12 16 20</i>

General Remarks (State quality of workmanship, &c.) *Good; See letters 23<sup>rd</sup> Nov 76 & 16<sup>th</sup> May 77.*

*This Vessel has a full poop 29 feet long, a Topgallant Forecastle 31 feet, rings in addition 4 feet; Bridge House 24 feet long*

*She has two Water Ballast Tanks, the one in the Fore Hold extends up to the height of Hold Beams, and is 38 feet long; the Bulkheads at each end are efficiently strengthened by bulbs and angles vertically, and angles horizontally; having a Bulkhead at the middle line fitted as a wash plate to prevent shifting; that in the after Hold is 70 ft. long fitted with fore and aft girders in the usual manner, both Tanks have been tested with a head of water up to the Load-line. and proved very satisfactory.*

*See above*  
State if one, two, or three, decked vessel, or if open, or running decked, and the lengths of poop, forecastle, or raised quarter deck, and the length of double, or part double bottom.

How are the surfaces preserved from oxidation? Inside *Cement to Bilges paint above* Outside *Bottom M.C. Innes's patent paint above.*

I am of opinion this Vessel should be Classed *\* 100. A. 1. Three Decked*

The amount of the Entry Fee ... £ *5* : 0 : 0. is received by me, *JHN*

Special ... £ *70* : 4 : 0 *18<sup>th</sup> October 1877.*

Certificate ...

(Travelling Expenses, if any, £ *—*).

Committee's Minute *26<sup>th</sup> October, 1877.*

Character assigned *100 A 1*

*2 Dks 3 Tr Bms North Wall 108 ft*  
*Dec 10 1877*

*Lloyd's Register Foundation*