

Please return this plan for guidance in 1885 to new building

Workmanship. Are the butts of plating planed or otherwise fitted? *examined*
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*

Masts, Bowsprit, Yards, &c., are *of 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 *Four iron masts built in accordance with the*
Foremast 126.6 by 32 diam
Main " 128.2 " 32 "
Mizen " 124.0 " 32 "
Jigger " 90.0 " 26 "
Bowsprit 32.9 " 24 "
Accompanying sketch approved 7th Sept. 81; The iron of which masts and yards are made was tested as required by the rules and found satisfactory.

NUMBER for EQUIPMENT 27900		Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.	Nº.	Weight Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Machine where Tested & Suprntd.
SAILS.							Bower Anchors	1	40.1.10	36.1.0.0	40	25 Nov. 81
CABLES, &c.							(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	1	38.2.5	34.17.0.0	38	" "
Fore Sails,	Chain	135	2 1/8	108.2.0	270 x 2 1/8	23 Nov. 81		1	36.0.10	33.4.2.0	36	" "
Fore Top Sails,	Iron Str'm Chain	30 1/2	1 1/2	34 1/2	100 x 1 1/2	20 Jan. 81	Stream	...	12.0.20	14.1.0.0	12	" "
Fore Topmast Stay Sails,	Ditto do.	30 1/2	1 1/2	22 1/4	"	12 June 80	Kedge	...	9.0.6	8.6.1.0	9	" "
Main Sails,	Hmpn Strm Cbl	25 3/4	1 1/2	"	"	28 Nov. 81	Ditto	...	3.0.22	5.13.2.0	3	" "
Main Top Sails, and good in quality	Hawser ...	90	12	"	90 x 12	31 Jan. 81			2.2.19	"	"	" "
	Towlines ...	90	11	"	90 x 11	Chester			1.1.3	"	"	" "
	Warp ...	90	7	"	90 x 7	A.S. Jack			3.13	"	"	" "

Standing and Running Rigging *wire and hemp* sufficient in size and *good* in quality. She has *one* Long Boat and *three others*
The Windlass is *good* Capstan *good* and Rudder *good* Pumps *good*
Engine Room Skylights. How constructed? *—* How secured in ordinary weather? *—*

What arrangements for deadlights in bad weather? *—*
Coal Bunker Openings. How constructed? *—* How are lids secured? *—* Height above deck? *—*

Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? *4 Scuppers, 7 freeing ports, 2 Spring pipes on each side*

Cargo Hatchways. How formed? *plates and angles*
State size *Main Hatch 13.6 x 10.0* Forehatch *4.6 x 6.0, 11.6 x 10.0* Quarterhatch *4.6 x 4.0*

If of extraordinary size, state how framed and secured? *—*
What arrangement for shifting beams? *wood shifting beams and fore and afters.*
Hatches, If strong and efficient? *Yes, solid*

Order for Special Survey No. <i>107</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>July 15, 26, 29. Aug 12, 31 Sep 7-12-16-19-26 Oct 7-14-19</i>
Date <i>April 1881</i>		2nd. On the plating during the process of riveting	<i>Nov 2-23- Dec 5-15-29-1881. Jan 3, 11, 14, 19,</i>
Order for Ordinary Survey No. <i>148</i>		3rd. When the beams were in and fastened, and before the decks were laid...	<i>27, 31; Feb 2, 6, 21, 27; March 2, 8, 15, 21, 27,</i>
Date <i>May 1882</i>		4th. When the ship was complete, and before the plating was finally coated or cemented..	<i>April 3, 13, 20, 24, 28; May 5, 14, 28</i>
No. <i>148</i> in builder's yard.		5th. After the ship was launched and equipped	<i>29.</i>

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the accompanying approved plans, viz. - Midship section and deck plan; and with the Secretary's letters of the 31st March and 19th May. 81. She is built of steel with the exception of Keel, Stem, Post, Floors, Beams, intercostal keelson plates and bulwarks, which are of iron. The steel used in her construction has been tested at the manufacturer's works by the Society's Surveyors, and the rules generally have been complied with. The materials and workmanship are very good. She is a two decked vessel with a Forecastle (not enclosed) 33.6 long; Poop 58. and an iron deck house 46.0 x 14.6*

Fore, Main and Mizzen Lower Yards 24.0 x 19.2 two plates in round 9/16 to 1/2.
Fore, Main and Mizzen Lower Topsail " 73.0 x 15.4 " " 5/16 to 3/16
" " " Upper Topsail " 66.0 x 16 " " 5/16 to 3/16

Three angles in each, butts lapped, and quadruple, triple, and double riveted, beams single riveted, and plates doubled at slings.

State if ~~one~~, two, ~~or three~~ decked vessel, or if open, or ~~arming~~ decked; and the lengths of poop, ^{58.0}forecastle, ^{33.6}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 should be Classed *+ 100 A 1*

The amount of the Entry Fee ... £ *5* : - : - is received by me, *J.P.*
Special ... £ *23* : 1 : - *29.5.* 1882
Certificate ... *Gratis* :
(Travelling Expenses, if any, £ *—*)

Committee's Minute *Friday, 2nd June, 1882.*

Character assigned *100 A 1*
Steel
Floor Plates & Beams Iron
James Turpin
Surveyor to Lloyd's Register of British and Foreign Shipping.
Lloyd's Register Foundation

LRF/PUN/BSLS1/450R

(The Surveyors are requested not to write on or below the space for Committee's Minute.)