

Iron No.
No 4624

IRON SHIP.

20399
Recd 17/5/99

No. _____ Survey held at Glasgow Date, First Survey 19 March 77. Last Survey 12 March 18
On the Steel Trade Steamer "BRIGHTON" Master R. J. White

TONNAGE under } 433.75 ONE, OR TWO DECKED, THREE DECKED VESSEL.
Tonnage Deck }
Ditto of Third, Spar, or Awning Deck. } 1.68 SPAR, OR AWNING-DECKED VESSEL.
Ditto of Poop, or Raised Qr. Dk. } 65.89 **HALF BREADTH** (moulded) Feet.
Ditto of Houses on Deck } 29.96 **DEPTH** from upper part of Keel to top of Upper Deck Beams
Ditto of Forecastle }
Gross Tonnage 531.28 **GIRTH** of Half Midship Frame (as per Rule)
Less Crew Space 18.91 **1st NUMBER**
1st NUMBER, if a THREE-DECKED VESSEL [deduct 7 feet
LENGTH
2nd NUMBER
PROPORTIONS—Breadths to Length
Depths to Length—Upper Deck to Keel
Main Deck ditto

Built at Glasgow
When built 1878 Launched July 27
By whom built John Elder & Co.
Owners London Brighton & South Coast
Port belonging to Newhaven
Destined Voyage Newhaven & Dept
If Surveyed while Building, Afloat, or in Dry
under special survey

Official Number

Less Engine Room 96.57
Register Tonnage } 315.80
as cut on Beam }

LENGTH on deck as per Rule ...	Feet. <u>218</u> Inches. <u>-</u>	BREADTH —Moulded ...	Feet. <u>27</u> Inches. <u>4</u>	DEPTH top of Floors to Upper Deck Beams ... } Do. do. Main Deck Beams ... }	Feet. <u>11</u> Inches. <u>1</u>	Power of Engines ...	Horse. <u>300</u>	N° of Decks with flat laid <u>one</u>	N° of Tiers of Beams <u>one</u>
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Dimensions of Ship per Register, length, 221.3 breadth, 27.7 depth, 10.65

KEEL , depth and thickness	Inches in Ship.	Inches per Rule.	Flat Keel Plates, breadth and thickness
STEM , moulding and thickness... ..			PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges
STERN-POST for Rudder do. do.			" of doubling at Bilge, or increased thickness, and length applied
" " for Propeller			" fm up. part of Bilge to lr. edge of Sh'rstake.
Distance of Frames from moulding edge to moulding edge, all fore and aft		(Class)	" Main Sheerstrake, breadth and thickness

IRON 46-0437

London's Register
Foundation

20399 Iron

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

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies?

Are the fillings between the ribs and plates solid single pieces?

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?

Do any rivets break into or through the seams or butts of the plating?

Masts, Bowsprit, Yards, &c., are _____ in _____ 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

NUMBER for EQUIPMENT 11. 666.		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd pr Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate	W'ght req'd per Rule.	Test req'd per Rule.
N ^o .	SAILS.	CABLES, &c.		210	1 1/4	28 2/20	210 1 1/4	28 1/8				
	Chain	Breaking strain		42 2/20	2 1/2	15 1/2	Bowers					
	Fore Sails,	Rotherston J. H. Sept. 20 - 77.							14.1.0	15 1/4	13 1/2	15 2/20
	Fore Top Sails,	S. J. Davis Sept. 20 - 77.							14.0.14	15 1/4	13 1/2	15 2/20
	Fore Topmast Stay Sails	Rotherston J. H. Sept. 20 - 77.							13.1.3	14 1/4	11.1.25	13 1/2
	Main Sails,	Hanna Strm Cbl		90	13/16	7 1/2	90 - 13/16 - 1 1/2					
	Main Top Sails,	Hawser ...		90	7		90.7					
		Towlines ...		90	4		90.4					
		Warp ...										
		quality good										
		Anchor										
		Stream ...							2.2.14	5 2/20	3	
		Kedges ...							0.2.20			
									1.2.7	5.1.	1 1/2	

Standing and Running Rigging *Wire & Hemp* sufficient in size and *good* in quality. She has *tin* Life Long Boat and *tin* others.

The Windlass is *Hampden's* Capstan *2 good* and Rudder *good*. Pumps

Engine Room Skylights. How constructed?

How secured in ordinary weather?

Wood's Register Foundation