

IRON SHIPS.

Rec 23/3/76
18

Date of Amendment Register 13/7/1858

No. 7199 Survey held at Signal Light, J.R.N.V. Date, first Survey _____ Last Survey _____

on the Screw Steam Ship Queen Master _____

Tonnage under Tonnage Deck	270 81	ONE, OR TWO DECKED VESSELS.	THREE DECKED VESSELS.
Ditto of Spar Deck, or Awning Deck.		Half moulded breadth	Half Moulded Breadth
Ditto of Poop, or Raised Qr. Dk.	23 11	Depth from upper part of Keel to top of Upper Deck Beams	Total Depth if three or more Decks
Ditto of Houses on Deck		Girth of Half Midship Frame	Total Girth of Half Midship Frame
Ditto of Forecastle		3rd Number	3rd Number
Gross Tonnage	293 92	1st Number	Length
Crew Space, as per Rule		2nd Number	4th Number
Register Tonnage, out on Beam	94 05	Depths to Length	Breadths to Length
Engine Room	149 87		
Register Tonnage, as a Steamer, cut on the Beam			

Built at Govan, Glasgow
When built 1854 Launched 1854
Length 51 1/2 By whom built W. & A. Phipps & Sons
Owners Mr B. Thompson
Port belonging to Dundee
Destined Voyage _____
If Surveyed while Building, Afloat, or in Dry Dock _____

Length on deck as per Rule,	Feet.	Inches.	Moulded Breadth,	Feet.	Inches.	Depth from top of Keel to Deck Beam, as per Rule	Feet.	Inches.	Power of Engines,	Horse.	N ^o . of Decks, <u>One</u>	N ^o . of Tiers of Beams
Dimensions of Ship per Register, length, <u>159.9</u> breadth, <u>22 1</u> depth, <u>12 8</u>												
Keel, if bar iron, depth and thickness	Inches in Ship.		Inches required per Rule.		Flat Keel Plates, breadth and thickness							
Do. if centre through plate, depth and thickness	6 x 2 1/4				Plates in Garboard Strakes, breadth and thickness <u>23 1/2 x 9/16</u>							
Stem, if bar iron, moulding and thickness	6 x 2 1/4				Do. from Garboard to upper part of Bilges							
Stern-post do.	6 3/4 x 3				Do. of doubling at Bilge, or increased thickness, and length applied							
Distance of Frames from moulding edge to moulding edge, all fore and aft	18				Do. from upper part of Bilge to lower edge of Sheerstrake							
Frames, size of Angle Iron, for 3/4 length amidships	4 x 3 x 7/16				Do. Sheerstrake, breadth and thickness							
Do. for 1/2 at each end	3 1/2 x 2 1/2				Do. of doubling at Sheerstrake, and length applied							
Reversed Frames, size of Angle Iron	16				Butt Straps to outside plating, breadth and thickness							
Floors, depth and thickness of Floor Plate at mid line for half the length amidships	7 1/2				Lengths of Plating							
Do. at the ends	7 1/2				Shifts of Plating, and Stringers							
Do. do. do. at Bilge Keelson	7 1/2				Gunwale Plate on ends of Awning, or Spar Deck Beams, breadth and thickness							
Do. height extended at the Bilges	7 1/2				Angle Iron on ditto							
Beams, Three Decked, Spar, or Awning Decked (No.) single or double Angle Iron, Plate or Tee Bulb Iron	6 Bull 9/16				Tie Plates (fore and aft), outside Hatchways							
Single or double Angle Iron on Upper edge	2 1/2 x 2 1/2				Diagonal Tie Plates on Beams (No. of Pairs,)							
Average space	alternate frames				Planksheer material and scantling							
Beams, Upper or Middle Deck (No.) single or double Angle Iron, Plate or Tee Bulb Iron	6 Bull 9/16				Waterways do. do.							
Single or double Angle Iron on Upper Edge	2 1/2 x 2 1/2				Flat of Deck do. do.							
Average space	7 1/2				How fastened to Beams							
Keelson Centre line, single or double plate, box or intercostal, size of Plates	4 3				Stringer Plate on ends of Upper or Middle Deck Beams, breadth and thickness							
Do. Bulb Plate to Intercostal Keelson	4 3				Angle Irons on ditto (No.)							
Do. Size of Angle Irons	4 3				Tie Plates, outside Hatchways							
Do. Side Intercostal Keelson, size of Plates	4 3				Diagonal Tie Plates on Beams (No. of pairs,)							
Do. Angle Irons on tops of Floors	4 3				Waterways materials and scantlings							
Do. Bilge Keelson, Bulb Iron	4 3				Flat of Deck do. do.							
Do. do. Angle Irons	4 3				How fastened to Beams							
Do. Side Stringers (No.) size of Angle Irons	5 3				Stringer Plates on ends of Lower Deck or Orlop Beams							
Transoms, material _____ or, if none, in what manner compensated for.					Angle Irons on ditto (No.)							
Knight-heads _____ Hawse Timbers _____					Stringer or Tie Plates, outside Hatchways							
Windlass _____ Pall Bitt _____					Flat of Deck							
The Frames extend in one length from _____ to _____ Riveted through plates with (_____ in.) Rivets, about _____ apart.					Ceiling betwixt Decks, thickness and material							
The Reverse Angle Irons on the floors extend across the middle line _____ to above lower Deck Stringer and every 14 th frame to Gunwale and part alternate					Do. in hold do. do.							
On all the Frames and to _____					Clamps or Spirketting							
Keelsons. Are the various lengths of Plates and Angle Irons properly connected? _____ And are their butts properly shifted? _____					Main piece of Rudder, diameter at head							
Plates, Garboard, double Riveted to Keel, double or single Riveted at upper edge, with Rivets (3/4 in.) diameter, averaging (5 ins.) from centre to centre.					Do. do. at heel							
Do. Edges from Garboards to upper part of Bilge, worked Clencher, double or single Riveted; with Rivets (3/4 in.) diameter, averaging (_____ ins.) from centre to centre.					(Can the Rudder be unshipped afloat?) _____							
Do. Butts from Keel to turn of Bilge, worked carvel with butt straps (9/16) thick, treble, double or single Riveted; with Rivets (3/4 in.) diameter averaging (_____ ins.) from centre to centre.					Bulkheads No. _____ Thickness of _____							
Do. Edges of Sheerstrake, double or single Riveted. At upper edge _____ At lower edge _____					Do. Height up _____							
Do. Butts from Bilge to Planksheers, worked Carvel with Butt Straps (_____) thick, double or single Riveted; with Rivets (_____ in.) diameter, averaging (_____ ins.) from centre to centre. Breadth of laps in double Riveting (_____) Breadth of laps in single Riveting (_____)					Do. How secured to the sides of the ship <u>1 Double & the rest single</u>							
Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? _____					Do. Size of Vertical Angle Irons, _____ and their distance apart, _____							
Planksheer, how secured to the plating of the sides, { Explain by Sketch, }					Do. Are the outside Plates doubled two spaces of Frames in length? _____							
Waterway ,, ,, planksheer and to the Beams, { if necessary. }					No. of Breasthooks, _____ Crutches, _____							
Beams of the various Decks, how secured to the sides? _____					What description of Iron is used for the Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? _____							
Manufacturer's name or trade mark, _____					_____							

We certify that the above is a correct description of the several particulars therein given.

Builder's Signature, Mr M. B. Thompson, Surveyor's Signature, Robert Whyte



IRON 467-0249

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? _____
 Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? _____
 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? _____ and are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? _____
 Are there any rivets which either break into or have been put through the seams or butts of the plating? _____

Her Masts, Bowsprit, Yards, &c., are in _____ condition, and sufficient in size and length. *If they are of Iron or Steel give the 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 _____

N ^o .	Number for equipment		Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N ^o .	Weight. Ex. Stock.	Test as per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
	SAILS.	CABLES, &c.											
	Fore Sails,	Chain						Bowers					
	Fore Top Sails,	(State Machine where Tested, and name of Superintendent).						(State Machine where Tested, and name of Superintendent).					
	Fore Topmast Stay Sails	Hempen Stream Cable						Stream					
	Main Sails,	Hawser						Kedges					
	Main Top Sails,	Towlines ...											
	and	Warp											
		All of _____ quality.											

Her Standing and Running Rigging _____ sufficient in size and _____ in quality. She has _____ Long Boat and _____
 The present state of the Windlass is _____ Capstan _____ and Rudder _____ Pumps _____

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

What arrangements are there for deadlights in such for bad weather? _____

Coal Bunker Openings.—How constructed? _____ How are lids secured? _____ How high above deck? _____

Scuppers, &c.—What arrangements are there beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board? _____

Cargo Hatchways.—How formed? _____ State size _____

If of extraordinary size, state how framed and secured? _____

What arrangement for shifting beams? _____

Hatches, themselves, whether strong and efficient? _____ **Main Hatchways.**—State size _____

Order for Special Survey No. _____ DATES of _____
 Date _____ Surveys held _____
 Order for Ordinary Survey No. _____ while building _____
 Date _____ as per _____
 No. _____ in builder's yard. Section 18. _____

- 1st. On the several parts of the frame, when in place, and before the plating was wrought _____
- 2nd. On the plating during the progress of riveting _____
- 3rd. When the beams were in and fastened, and before the decks were laid _____
- 4th. When the ship was complete, and before the plating was finally coated or cemented _____
- 5th. After the ship was launched and equipped _____

General Remarks,

In what manner are the surfaces preserved from oxidation? Inside _____ Outside _____

I am of opinion this Vessel should be Classed _____

The amount of the Entry Fee£ : : is received by me,
 Travelling Expenses (if any)£ : :
 Special£ : :
 Certificate : :

Committee's Minute 13 July 1876

Character assigned _____

