

AND
IRON  STEEL STEAMER.

Received at London Office

State if Report is also sent on the Machinery of the Vessel

Port of Middleborough

Last Survey ^{4th} October 1789
Rig Ketch 18/12/96 See London Reg.

ONE ~~DECKED~~ DECKED VESSEL.

CLASS 100A

FEET.

Master.....

Year of appointment

(1) As master in service of owner of present vessel :—18
(2) As master of this vessel 18

Built at Middlesbrough

When built 1896 Launched 11th Sept 1896

By whom built R. Craggs & Sons

Owners *J. Constant*

Managers

(Where necessary to be entered in Reg. Book).

Residence London

Port belonging to London

Building, Afloat, or in Dry Dock

ister Tonnage } **152.93**
cut on Beam . . }

Length on Deck per Rule	Feet. 119	Inches. 0	BREADTH— Moulded	Feet. 25	Inches. 0	DEPTH— Top of Floors to Main Deck Beams.	Feet. 8	Inches. 3½	Power of Engines	Horse. 65	No. of Decks with Flat laid	One	No. of Tiers of Beams	One
Dimensions of Ship per Register. Length, 119.6 breadth, 25.15 depth, 8.2 Moulded Depth, ft. 8 ins. 9. Round of Beam 7 inches.														

Dimensions of Ship per Register, Length, 119.6 breadth, 25.15 depth, 8.2 Moulded Depth, ft. 8 ins. 9 ✓ Round of Beam 7 ✓ inches.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Or as	FORGINGS AND CASTINGS.		Inches in Ship.	Inches per Rule Or as
NAME, Angles, 7 ¹ / ₂ or ¹ / ₄ Bars for ¹ / ₃ length amidships	3	2 1/2	5/16	3	2 1/2	5/16	KEEL, Bar or Side Plates depth and thickness	6 x 1 1/4	6 x 1 1/4	
do. for ¹ / ₂ at each end	3	2 1/2	5/16	3	2 1/2	5/16	STEM, moulding and thickness	6 x 1 1/4	6 x 1 1/4	
do. in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	6 x 2 1/2	6 x 2 1/2	
" " at intermdt. Bkts.							" for Propeller	6 x 2 1/2	6 x 2 1/2	
ance of Frames from moulding edge to moulding edge, all fore and aft	2 1/2	2 1/2	4/16	2 1/2	2 1/2	4/16	MAIN PIECE of Rudder, diameter at head	3 3/4	3 3/4	
VERSED FRAME, Angles	2 1/2	2 1/2	4/16	2 1/2	2 1/2	4/16	do. at heel	2 1/4	2 1/4	
EP FRAMING, depth of girder							RUDDER, how constructed	Longitudinal frame, single plate.		
DORS, depth and thickness of Floor Plate at mid-line for ¹ / ₃ length amidships	12 1/2	12 1/2	3/16	12 1/2	3/16	3/16	Can the Rudder be unshipped afloat?	Yes		
" in way of Engines and Boilers							KEELSONS AND STRINGERS.			
thickness at the ends of vessel							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	9	8	
depth at ¹ / ₂ the half breadth, as per Rule							" Rider Plate	6 1/2	8	
height extended at the Bilges							" Bulb Plate to Intercoastal Keelson	5	5	
DORS & BRACKETS, in Cell Dble Bottoms							" Horizontal Plates on Floors			
" " Distance apart							" Angles	3	3	
STRE GIRDER, in Double Bottom, depth and thickness							SIDE KEELSON, Angles			
" " Angles, Top							" Bulb or Plate above floors for lng.			
" " Bottom							" Intercoastal Plate for length			
E GIRDERS, number and thickness							" Attached to outside plating with Angle			
" Angles							BILGE KEELSON, Angles	5 1/2	3	
REGIN PLATE, depth (exclusive of flange) and thickness							" Bulb Plate above floors for len.			
" Angles							" Intercoastal Plate for length			
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Attached to outside plating with Angle			
" " thickness in Engine and Boiler space							BILGE STRINGER Angles	5 1/2	3	
" " Remainder in Holds							" Bulb Plate for one plan angle length	3	2 1/2	
MS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	3/16	5	3	3/16	" Intercoastal Plate for length			
" Angles on Upper Edge							" Attached to outside plating with Angle			
" Average space							SIDE STRINGER Angles			
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							" Bulb or Intercoastal Plate for lng.			
" Angles on Upper Edge							" Attached to outside plating with Angle			
" Average space							Main and Raised Quarter Deck Stringer Plate, breadth and thickness	6.6	7/16	
MS, Hold, Plate or Tee Bulb							" Angle on ditto	3 x 3	6	
" Angles on Upper Edge							" Tie Plates fore & aft, outside Hatchways			
" Average space							" Diagonal Tie Plates on Bms., No. of Pairs			
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							" Main Dk* Iron	7/16	7/16	
" Angles on Upper Edge							" R. Q. Dk* Iron	6/16	6/16	
" Average space							" Wood Deck, Material & thickness			
MS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb							Lower Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge							" Angles on ditto, No.			
" Average space							" Tie Plates, outside Hatchways			
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	3/16	5	3	3/16	" Deck* Material and thickness			
" Angles on Upper Edge							Hold Stringer Plate			
" Average space							" Angles on ditto, No.			
LARS, In 'tween Decks, Size and Spacing							Poop Deck Stringer Plate, breadth & thickness			
" " Hold	2 1/2	4.2	4 1/2	4.2			" Angle on ditto			
" " Quarter, 'tween Dks.,							" Tie Plates			
" " in Hold							" Deck, Material and thickness			
EB FRAMES, In Fore Body, No. and Spacing	4	One Plan	4				Bridge Deck Stringer Plate, brdth & thickness			
" " " Brdth. & Thickness	12	Iron	5/16	12			" Angle on ditto			
" " " No. of Side Stringers							" Tie Plates			
EB FRAMES, In E. & B. Space, No. & Spacing							" Deck, Material and thickness			
" " " Brdth. & Thickness							Forecastle Deck Stringer Plate, brdth & thcknss	Iron	6/16	
EB FRAMES, In After Body, No. and Spacing							" Angle on ditto	3 x 3	6	
" " " Brdth. & Thickness							" Tie Plates			
" " " No. of Side Stringers							" Deck, Material and thickness	Iron	6/16	
" " " Size of Angles on Tee Bars to Web Frames	2 1/2	2 1/2	4/16	2 1/2	2 1/2	4/16	* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							BULKHEADS.			
							Number.		STIFFENERS.	
							In Vessel.	Per Rule.	Horizontal.	Vertical.
							3	3	3 x 2 1/2	3 x 2 1/2
							1	1	3 x 2 1/2	3 x 2 1/2

Form No. 1A.

ADB755-0154

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) 24th February
1st June, 11th September 1896 (M) 7th August 1896 (S.)

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

Is the riveted work properly closed? Yes ✓

Are the liners between the frames 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? A few through butts only ✓

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes ✓

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the Rules and the plans approved by the Committee. The whole of the material used in the hull is of good malleable quality and the workmanship has been well executed throughout. ✓

The deck pumps and steering gear are in efficient working order. ✓

The decks have been tested by being flooded with water and are watertight and in good condition. ✓

List of Plans &c accompanying this report. Vign. Plans of Midship Section, Profile and Deck plan. Pumping Arrangements. ✓

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 37 ft., R.Q.D. or Break 37 ft., Bridge Dk. 3 ft., F'castle 13.33 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 Dk (iron) 11 Ds. ✓

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint Outside Paint. ✓

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system ✓

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, ✓			Fore peak tank, ✓		21 ✓
Double bottom, forward, ✓			After peak tank, ✓		
Double bottom, under Engines and Boilers, ✓			Midship deep tank, ✓		
Double bottom, if under Engines only, ✓			Other tanks, if fitted, ✓		
Double bottom, if under Boilers only, ✓			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules. Satisfactory as required by Rules. ✓

Order for Special Survey No. 298

Date 16.6.96

Order for Ordinary Survey No.

Date

No. 121 in builder's yard

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 1896 Dec 9, 14, 17, 21, 22, 24, 28, 30 May 6, 8, 13, 16, 19
- 2nd. On the plating during the process of riveting 22, 29 June 2, 5, 11, 15, 16, 17, 22, 26, 29 July 1, 6, 8, 11, 13, 14
- 3rd. When the beams were in and fastened and before the decks were laid 16, 20, 21, 22, 23, 24, 25, 30 Aug 1, 5, 10, 13, 18, 24, 25, 29 Sep 2, 4, 9, 14
- 4th. When the ship was complete, and before the plating was finally coated or cemented 15, 18, 22, 28, 29 Oct 2, 5
- 5th. After the ship was launched and equipped

Total No. of Visits 54

The amount of Entry Fee £ 2 : 0 : 0

Special £ 11 : 13 : 0

Certificate £ : : 0

Travelling Expenses, if any £ : : 0

Fees applied for,

10-10 1896

Received by me,

10-10 1896

* Certificate to be sent to

I am of opinion this Vessel should be Classed 100A—Steel—Iron framing and beams. ✓

With or without Freeboard, as condition of Class

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

2 M 12, 96

FRI 1 JAN 1897

100A—Steel + Iron Barge

Frames + Beams Iron.

12k (Iron)

L.V.

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