

Received from

Surveyor.

26 OCT. 1900

TUES. 30 OCT 1900

1 or 2 Dks., R.Q.Dk.,

IRON OR STEEL STEAMER.

No. 18418

and Pt. Awng. Dk.

State if Report is also sent on the Machinery of the Vessel. *Yes*

Received at London Office.

Date of completion of Report 26<sup>th</sup> Oct. 1900

Port of Glasgow

Date, First Survey 14 March

Last Survey 9 October 1900

Rig One pole mast. no sails

Survey held at

On the *Twin Screw Hopper Barge*

FROM

Master *✓*

TONNAGE under

490.25

ONE OR TWO DECKED VESSEL.

Tonnage Deck

CLASS *A1* Hopper Barge.

Do. of Poop

Do. of Raised Qr.

Dk. or Break..

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room ..

Gross Tonnage

491.19

Less Crew Space

Less above Crown of

Engine Room ..

Navigation Spaces

491.19

218.73

4.91

Net Tonnage

267.53

on Beam ..

Half Breadth (moulded) 13.75

Depth from upper part of Keel to top of Main Deck Bms. 13.58

Girth of Half Midship Frame (as per Rule) 25.29

1st Number 52.62

Length on deck from after part of stem to fore part of stern post 165.00

2nd Number 8682.3

Proportions—Breadths to Length 6.0

Depths to Length—Main Deck to top of Keel 12.15

Destined Voyage Bristol

If Surveyed while Building, Afloat, or in Dry Dock *yes*

Built at Renfrew

When built 1900 Launched 8-10-00

By whom built Wm Simons &amp; Co. Ltd

Owners The Bristol Corporation

Managers

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

Residence Bristol

Port belonging to Bristol

Messrs. W.

e vessels, t

28. 8. 00

Hopper

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
165	0	Moulded 27 6	12	3	Top of Floors to top of Main Deck Beams 12 3	12	3	one
Moulded Depth, 13 ft. 0 ins. Round of Beam, Actual 7" ins.								

ons of Ship per Register, Length, 166.2 breadth, 27.6 depth, 12.05. Moulded Depth, 13 ft. 0 ins. Round of Beam, Actual 7" ins.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or a	Inches per Rule Or a	Inches per Rule Or a	Inches in Ship.	Inches in Ship.	Inches per Rule Or a	Inches per Rule Or a	Inches per Rule Or a	Inches per Rule Or a
E. Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	3 1/2	3	7	3 1/2	3	6	Flat plate Keel	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8
or $\frac{1}{2}$ at each end	3 1/2	3	6	3 1/2	3	5	STEM, moulding and thickness	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8
a way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8	6 1/2 x 1 1/8
" " at intermdt. Bkts.							" for Propeller	5	4 1/2	3 x 2 1/4	3 x 2 1/4
e of Frames from moulding edge to ling edge, all fore and aft	2 1/2			24			MAIN PIECE of Rudder, diameter at head	4 x 3 1/4	3 x 2 1/4	3 x 2 1/4	3 x 2 1/4
ISED FRAME, Angles	3	2 1/2	6	3	2 1/2	5	do. at heel	4 x 3 1/4	3 x 2 1/4	3 x 2 1/4	3 x 2 1/4
FRAMING, depth of girder	16		7	14	6		RUDDER, how constructed <i>Forged iron frame plated</i>				
S. depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships			8	E. 7. B. 8	5		Can the Rudder be unshipped afloat?	<i>yes</i>			
a way of Engines and Boilers			6		5		KEELSONS AND STRINGERS.				
ickness at the ends of vessel							CENTRE LINE KEELSON, Vertical Plate above	6		6	6
epth at $\frac{1}{2}$ the half breadth, as per Rule							" Through Plate, or Intercoastal Plate				
eight extended at the Bilges							" Rider Plate	6	6	6	6
S & BRACKETS, in Cell Dble Bottoms							" Bulb Plate to Intercoastal Keelson	6	6	6	6
" Distance apart							" Horizontal Plates on Floors	3 1/2	3	6	3
E GIRDER, in Double Bottom, depth and thickness							" Angles	3	3	6	3
" Angles, Top							SIDE KEELSON, Angles	3	3	6	3
" Bottom							" Bulb or Plate above floors for				
RDERS, number on each side & thickness							" Intercoastal Plate for <i>3 1/2</i> length	6		6	6
Angles							" Attached to outside plating with Angle	3 1/2	3	6	3
PLATE, depth (exclusive of flange) and thickness							BILGE KEELSON, Angles	3 1/2	3	6	3
Angles to Outside Plating							" Bulb or Plate above floors for $\frac{1}{2}$ len.	7	6	6	6
BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Intercoastal Plate for <i>7 1/2</i> amidships	6		6	6
" thickness in Engine and Boiler space							" Attached to outside plating with Angle	3	3	6	3
" Remainder in Holds							BILGE STRINGER Angles	3 1/2	3	6	3
Main and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	5	3	6	" Bulb Plate for <i>forward part of Hopper</i> length				
Angles on Upper Edge							" Intercoastal Plate for length				
verage space	22					24	" Attached to outside plating with Angle	3 1/2	3	6	3
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							SIDE STRINGER Angles	3 1/2	3	6	3
Angles on Upper Edge							" Bulb or Intercoastal Plate for				
Average space							" Attached to outside plating with Angle				
Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb	4	3	6	4	3	6	Main and Raised Quarter Deck Stringer	38	9	38	8
Angles on Upper Edge							Plate, breadth and thickness	3 x 3	6	3 x 3	6
Average space	44					48	" Angle on ditto				
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							" Tie Plates fore & aft, outside Hatchways				
Angles on Upper Edge							" Diagonal Tie Plates on Bms., No. of Pairs				
Average space							" Main Dk* Iron or Steel for <i>full</i> lng.	6		6	6
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							" R. Q. Dk* Iron or Steel for lng.				
Angles on Upper Edge							" Wood Deck, Material & thickness				
Average space							Lower Deck Stringer Plate, breadth and thickness				
In 'tween Decks, Size and Spacing							" Angles on ditto, No.				
" Hold	2 1/8						" Tie Plates, outside Hatchways				
Quarter, 'tween Dks.,							" Deck* Material and thickness				
" in Hold							Hold Stringer Plate				
WEB FRAMES, In Fore Body, No. and Spacing							" Angles on ditto, No.				
" " " Brdth. & Thickness							Poop Deck Stringer Plate, breadth & thickness				
" No. of Side Stringers							" Angle on ditto				
WEB FRAMES, In E. & B. Space, No. & Spacing							" Tie Plates				
" " " Brdth. & Thickness							" Deck, Material and thickness				
WEB FRAMES, In After Body, No. and Spacing							Bridge Deck Stringer Plate, brdth & thickness				
" " " Brdth. & Thickness							" Angle on ditto				
" No. of Side Stringers							" Tie Plates				
" Size of Angles or Tee Bars to Web Frames							" Deck, Material and thickness				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							Forecastle Deck Stringer Plate, brdth & thcknss				
							" Angle on ditto				
							" Tie Plates				
							" Deck, Material and thickness				

Form N

002696-002700-0318 1/2



PLATING. RIVETING.

STRAKES. AS IN SHIP. PER RULE OR AS APPROVED.

Upper EDGES. BUTTS.

FLAT PLATE KEEL (If this keel, state riveting) GABBOARD OR A Strake ...

State actual thickness in way of Double Bottom.

Sheer ...

DOUBLING of Flat Plate Keel of Bilges ...

Length and thickness of Sheerstrakes. of Strake below ...

POOP SIDES ...

RAISED QUARTER DECK SIDES ...

BRIDGE SIDES ...

FORECASTLE SIDES ...

LENGTHS OF PLATING ...

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.?

Plates, & Colville, & Mossend & Co. ...

Angus Steel Co. of Scotland, & Colville, & Co. ...

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from ... to ...

REVERSED FRAMES on floors and frames extend from ... to ...

MASTS, SPARS, &c.

LOWER MASTS ...

Bowsprit ...

Topmasts, Yards, and Remainder of ...

Rigging, Material and Size, Shrouds ...

Sails ...

EQUIPMENT No. ... LETTER ... TONNAGE FOR TRAWLERS ... U.D.K. ANCHORS.

Number of Certificate. Anchors. Weight, Ex Stock. Weight of Stock. Test, per Certificate. Weight Required by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent.

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate. Fathoms. Size. Test per Certificate. Tons. Supplied. Per Table 22. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size Per Table 22.

Boats ...

Pumps, Number ...

Windlass is by ...

Engine Room Skylights. How constructed? ...

What arrangements for deadlights in bad weather? ...

Coal Bunker Openings. How constructed? ...

Number of Scuppers, and number and dimensions of Freeing Ports, &c. ...

Ceiling in Holds, thickness and material ...

Cargo Hatchways. How formed? ...

State size No. 1 Hatch (Forward) ... No. 2 Hatch ... No. 3 Hatch ... No. 4 Hatch ...

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch ...

No. of Breasthooks ... No. of Crutches ...

Bulwarks, height above deck and description ...

The above is a correct description ...

Builder's Signature ...

Surveyor's Signature ...

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M 20.12.77 M 29.8.00 E 23.4.00

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 facing surfaces? Yes

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

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? Yes

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? Yes

State results of tests Satisfactory

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

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report are, plan of midship section and two reports on ship's fittings

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ... ft., R.Q.D. or Break ... ft., Bridge Dk. ... ft., F'castle ... 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)

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 or with girders on floors

Where fitted. Length. Water Capacity. Where fitted. Length. Water Capacity.

Double bottom, aft, ...

Double bottom, under Engines and Boilers, ...

Double bottom, if under Engines only, ...

Double bottom, if under Boilers only, ...

Double bottom, forward, ...

Fore peak tank, ...

After peak tank, ...

Midship deep tank, ...

Other tanks, if fitted, ...

(If necessary, furnish further information by sketch.)

\* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 3370

Date 22/1/00

No. 377 in builder's yard

DATES OF SURVEYS held while building

1900: Mar. 4. 22. Apr. 3. 12. 19. 25. May 3. 11. 17. 23. June 1. 5. 8. 14. 15. 26. July 3. 11. 30. Aug. 6. 9. 13. 15. 24. 29. 31. Sep. 7. 10. 19. 25. Oct. 1. 4. 9.

Total No. of Visits 33

The amount of Entry Fee ... £ 2 : : 27/10/1900

Special ... £ 11 : : Received by me, 11.11.00

Certificate ... £ : : Travelling Expenses, if any £ : :

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed \* A.I. "Hopper Barge"

With, or without Freeboard, as condition of Class

Committee's Minute Glasgow 29 OCT. 1900

Character assigned A.I. "Steel" "Hopper Barge". "A & C.P."

(After fee paid)

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