

for 2 Dks., R.O.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 10,107

State if Report is also sent on the Machinery of the Vessel *yes (from Dundee)* Received at London Office.

Date of completion of Report *5th June 1902.*

Port of *Leith*

Date, First Survey *1st Aug. 1901.*

Last Survey *4th June 1902*

Rig *Schooner*

Master *C. J. Rainby*

Year of appointment *(1) As master in service of owner of present vessel - 1899
(2) As master of this vessel - 1902*

Built at *Grangemouth*

When built *1902* Launched *11th Apr 1902*

By whom built *Grangemouth & Greenock Dockyard Co. Grangemouth*
Owners *Forwood Bros.*

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

Residence *Morrocco House, St. Marys Ave London E.C.*

Port belonging to *Liverpool*

ONE OR TWO DECKED VESSEL.

CLASS *+100A.1.*

FEET.

Half Breadth (moulded) *18.41*

Depth from upper part of Keel to top of Main Deck Bms. *21.25*
(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) *36.12*

1st Number *75-78*

Length on deck from after part of stem to fore part of stern post *268.5*

2nd Number *20346-93*

Proportions—Breadths to Length *7.29*

Depths to Length—Main Deck to top of Keel *12.63*

Destined Voyage *Canary Isles* If Surveyed while Building, Afloat, or in Dry Dock *Building*

TONNAGE under Tonnage Deck *1496.82*

Do. of Poop *26.61*

Do. of Raised (r.) Dk. or Break. *61.92*

Do. of Bridge House *25.22*

Do. of Forecastle *86.64*

Do. of Houses on Deck *1697.21*

Do. of excess of Hatchways *57.63*

Do. above Crown of *86.64*

Do. of Deck *138.27*

FEES *1558.94*

Room *723.96*

in Spaces *19.33*

tonnage *902.29*

beam *268*

Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
	268	6	Moulded	36	10	Top of Floors to top of Main Deck Beams	18	5½	Two

Ship per Register, Length, *270.3* breadth, *37.0* depth, *18.5* Moulded Depth, *20* ft. *6* ins. Round of Beam, Actual *12* ins.

FRAMING.	Inches in Ship.			Inches per Rule Or as Approved.			FORGINGS AND CASTINGS.	Inches in Ship.			Inches per Rule Or as Approved.		
Plating, Bars, for length	8	3	10	8	3	10	KEEL, Bar or Side Plates depth and thickness	9	2½	9	2½		
Midships	6	3	10	6	3	10	STEM, moulding and thickness						
at each end	6	3	9	6	3	9	STERN-POST for Rudder do. do.	9	5½	9	5½		
of Double Bottoms at Solid Floors	3	3	8	3	3	8	for Propeller	7½		7½			
at intermediate Plats.	-	-	-	-	-	-	MAIN PIECE of Rudder, diameter at head	5½		5½			
Frames from moulding edge to edge, all fore and aft	-	24	-	-	24	-	do. at heel						
FRAME, Angles in Peaks	3	3	7	3	3	7	RUDDER, how constructed	Forged arms and 1" plate					
MINING, depth of girder	8	6	-	8	6	-	Can the Rudder be unshipped afloat?	Yes.					
length and thickness of Floor Plate	-	36	7	-	36	7	KEELSONS AND STRINGERS.						
mid-line for ½ length amidships	-	36	7-8	-	36	7-8	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
of Engines and Boilers	-	-	7	-	-	7	" Rider Plate						
stress at the ends of vessel	-	47	-	-	47	-	" Bulb Plate to Intercoastal Keelson						
at ½ the half breadth, as per Rule	As per plan						" Horizontal Plates on Floors						
extended at the Bilges	-	36	7	-	36	7	" Angles						
BRACKETS, in Cell Dble Bottoms	-	24	-	-	24	-	SIDE KEELSON, Angles						
" Distance apart	-	36	9	-	36	9	" Bulb or Plate above floors for lng.						
ORDER, in Double Bottom, depth	4	4	9	4	4	9	" Intercoastal Plate for length						
and thickness	4½	4½	10	4½	4½	10	" Attached to outside plating with Angle						
" Angles, Top	-	1	7	-	1	7	BILGE KEELSON, Angles						
" Bottom	-	27	8	-	26	8	" Bulb or Plate above floors for len.						
ERS, number on each side & thickness	3½	3½	8	3½	3½	8	" Intercoastal Plate for length						
Angles	-	36	8	-	36	8	" Attached to outside plating with Angle						
LATE, depth (exclusive of flange)	4.5 Strakes at 7/8	8-9	-	-	8-9	-	BILGE STRINGER Angles	5½	4	9-8	5½	4	9-8
and thickness	-	-	7	-	-	7	" Bulb Plate for length	-	-	-	-	-	-
gles to Outside Plating	-	48	-	-	48	-	" Intercoastal Plate for half length	-	-	9	-	-	9
OTTOM PLATING, breadth and thickness of Middle Line Strake	-	48	-	-	48	-	" Attached to outside plating with Angle	3	3	7	3	3	7
thickness in Engine and Boiler space	-	-	-	-	-	-	SIDE STRINGER Angles, bulbs	9	3½	13	9	3½	13
" Remainder in Holds	-	-	-	-	-	-	" Bulb or Intercoastal Plate for whole lng.	-	-	10	-	-	10
ain and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3½	12	9	3½	12	" Attached to outside plating with Angle	6	3	8	6	3	8
es on Upper Edge	-	-	-	-	-	-	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	39	10	39	10		
age space	-	48	-	-	48	-	" Angle on ditto	4½	4½	9	4½	4½	9
ower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	5½	11	9	5½	11	" Tie Plates fore & aft, outside Hatchways	-	-	-	-	-	-
gles on Upper Edge	-	-	-	-	-	-	" Diagonal Tie Plates on Bms., No. of Pairs	-	-	-	-	-	-
erage space	-	48	-	-	48	-	" Main Dk* Iron or Steel for whole lng.	-	6	-	6	-	6
ld, Plate or Tee Bulb	-	-	-	-	-	-	" R. Q. Dk* Iron or Steel for whole lng.	-	-	-	-	-	-
gles on Upper Edge	-	-	-	-	-	-	" Wood Deck, Material & thickness P. Pine	-	3	P. Pine	3	-	3
erage space	-	-	-	-	-	-	Lower Deck Stringer Plate, breadth and thickness	35	9	36	9		
op Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8	" Angles on ditto, No. 4	6x3x	8	6x3x	8		
gle on Upper Edge (on back)	3	3	6	3	3	6	" Tie Plates, outside Hatchways bulb angle	3½x3½	9	3½x3½	9		
erage space	-	48	-	-	48	-	" Deck* Material and thickness W. Pine	7½x3	10	7½x3	10		
idge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	7½	3	10	7½	3	10	Hold Stringer Plate	2½	-	2½	-		
gles on Upper Edge	-	-	-	-	-	-	" Angles on ditto, No.	-	-	-	-	-	-
erage Space	-	48	-	-	48	-	Poop Deck Stringer Plate, breadth & thickness	24	6	24	6		
ecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	5	8	7	5	8	" Angle on ditto	3½x3	7	3½x3	7		
gles on Upper Edge	-	-	-	-	-	-	" Tie Plates	10	6	10	6		
erage space	-	48	-	-	48	-	" Deck, Material and thickness P. Pine	5x3	-	5x3	-		
etween Decks, Size and Spacing	2½/8	48	-	2½/8	48	-	Bridge Deck Stringer Plate, brdth & thickness	30	8	30	8		
" Hold	4	43½	48	4	43½	48	" Angle on ditto	3x3	8	3x3	8		
" Quarter, 'tween Dks., "	-	-	-	-	-	-	" Tie Plates	-	-	-	-	-	-
" in Hold	-	-	-	-	-	-	" Deck, Material and thickness Steel	-	9	-	9	-	9
WEB FRAMES, In Fore Body, No. and Spacing	-	-	-	-	-	-	Forecastle Deck Stringer Plate, brdth & thcknss	24	6	24	6		
" Brdth. & Thickness	-	-	-	-	-	-	" Angle on ditto	3x3	7	3x3	7		
" No. of Side Stringers	-	-	-	-	-	-	" Tie Plates	10	6	10	6		
WEB FRAMES, In E. & B. Space, No. & Spacing	4	Spaced 8'	4	Spaced 8'			" Deck, Material and thickness P. Pine	5x3	-	5x3	-		
" Brdth. & Thickness	6	4	10	6	4	10	Are the outside Plates doubled two spaces of Frames in length?	Diamonds					
" Res. Frames	-	-	-	-	-	-	Are the Sluice Valves and Watertight Doors in efficient working order?	Yes.					
WEB FRAMES, In After Body, No. and Spacing	-	-	-	-	-	-							
" Brdth. & Thickness	-	-	-	-	-	-							
" No. of Side Stringers	-	-	-	-	-	-							
" Size of Angles or Tee Bars to Web Frames	-	-	-	-	-	-							
PLATES to Stringers between Web Frames, Depth and Thickness	-	-	-	-	-	-							

[illegible]

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *M. 12 July M. 19th July.*
M. 3 Aug. M. 19th Aug. E. 9 Sept. M. 1 Nov. M. 6 Dec. M. 17 Dec. 1902. M. 28 Feb. M. 2 Apl. 18 Apl. M. 23 Apl. M. 28 Apl.

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

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.) *The Workmanship and Material are good.*

This vessel has been built in accordance with the approved plan of Midship Section forwarded to the Secretary on 8th May 1902 and in conformity with the Rules.

Approved plans of Profile, Rudder Pumping and 3 forging reports are hereto attached.

The Surveyor should state the Number of Report and Name of any Sister Vessel. *not a sister vessel.*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27 ft., R.Q.D. or Break ft., Bridge Dk. 82 ft., F'castle 28 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) 2 Dks. (1st & 2nd) and deep framing. (bulk angle)
 Official No. _____; Signal Letters _____
 How are the surfaces preserved from oxidation? Inside 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. <i>Cellular</i>					
Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<i>66</i>	<i>111</i>	Fore-peak tank,	<i>—</i>	<i>—</i>
Double bottom, under Engines and Boilers,	<i>—</i>	<i>—</i>	After peak tank,	<i>15</i>	<i>68</i>
Double bottom, if under Engines only,	<i>18</i>	<i>38</i>	Midship deep tank,	<i>—</i>	<i>—</i>
Double bottom, if under Boilers only,	<i>20</i>	<i>42</i>	Other tanks, if fitted,	<i>—</i>	<i>—</i>
Double bottom, forward,	<i>66</i>	<i>140</i>	(If necessary, furnish further information by sketch.)	<i>—</i>	<i>—</i>
	<i>46</i>	<i>70</i>			

* 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. <u>795</u>	DATES of Surveys held while building	1901. Aug. 1. 22. 29. Sept. 4. 11. 17. 20. 24. Oct. 4. 10. 18. 29. 31. Nov. 6. 8. 14. 25. Dec. 5. 18. - 1902. Feb. 14. 12. 19. 25. 26. Mar. 7. 11. 13. 20. 31. Apr. 8. 14. 15. 18. 25. May. 28. June 2 ^d . 4.
Date <u>3rd May 1902</u>		
No. <u>233</u> in builder's yard		
		Total No. of Visits <u>37</u>

The amount of Entry Fee£ 4 : 0 : 0 Fees applied for,
Special.....£ 63 : 19 : 0 18
Certificate* £ : : Received by me,
Travelling Expenses, if any £ 6 : 2 : 0 14/6/02

* Certificate to be sent to Lith

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed +100 A1.

With, or without Freeboard, as condition of Class without

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

Committee's Minute
Character assigned

Lloyd at CP
+ LMC 6, ON
Ancestry

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