

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

IRON OR STEEL STEAMER.

No. 17686

nd Pt. Awng. Dk.

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

Date of completion of Report Feb 12th 1900

Received at London Office

WED. FEB 14 1900

Port of Glasgow

Date, First Survey 24th May 1899Last Survey Feb. 3rd 1900

Rig Schooner

Master Wm. Evans.

Year of appointment (1) As master in service of owner of present vessel: 1899
(2) As master of this vessel: 1900

Built at Glasgow

When built 1900 Launched 14th Dec-99

By whom built Mackie & Thomson

Owners O. & W. Williams.

Managers

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

Residence Cardiff

Port belonging to Cardiff

ONE OR TWO DECKED VESSEL.

CLASS 100 A1 "Steel".

FEET.

Half Breadth (moulded) 16.91

Depth from upper part of Keel to top of Main Deck Bms. 17.25

Girth of Half Midship Frame (as per Rule) 30.63

1st Number 64.79

Length on deck from after part of stem to fore part of stern post 223.78

2nd Number 144.98

Proportions—Breadths to Length 6.61

Depths to Length—Main Deck to top of Keel 12.97

Destined Voyage Bayonne

If Surveyed while Building, Afloat, or in Dry Dock Building & Afloat

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
223	9	2	33	10	14	5	1	1	One	One & dup framing

Dimensions of Ship per Register, Length, 225-0 breadth, 34-0 depth, 14-4 Moulded Depth, 16 ft. 6 1/2 ins. Round of Beam, Actual 8 1/2 ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship	Inches in Ship.	20ths in Ship.	Inches per Rule Or	Inches per Rule 2 ths. per Rule ved.		Inches in Ship.		Inches per Rule Or as Approved.		
NAME, Angles, E or L Bars, for 1/2 length amidships	5	3	7	5	3	KEEL, Bar or Side Plates depth and thickness	That plate		Keel		
Do. for 1/2 at each end	5	3	7	5	3	STEM, moulding and thickness	7 1/2 x 2 3/8		7 1/2 x 2 3/8		
Do. in way of Double Bottoms at Solid Floors	5	3	7	5	3	STERN-POST for Rudder do. do.	4 1/2 x 4 3/4		4 1/2 x 4 3/4		
" " at intermdt. Bkts.	3	3	7	3	3	" for Propeller	5 1/2		5 1/2		
stance of Frames from moulding edge to moulding edge, all fore and aft	4	3	7	4	3	MAIN PIECE of Rudder, diameter at head	4 3/4		4 3/4		
EVERSED FRAME, Angles	4	3	7	4	3	do. at heel	4 3/4		4 3/4		
DEEP FRAMING, depth of girder	6			6		RUDDER, how constructed	Forged iron frame. (Single plate 15")				
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3 1/2	3 1/2	7	3 1/2	3 1/2	Can the Rudder be unshipped afloat?	Yes				
" in way of Engines and Boilers	5	3 1/2	8	5	3 1/2	KEELSONS AND STRINGERS.					
" thickness at the ends of vessel	5	3 1/2	8	5	3 1/2	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship	Inches in Ship	20ths in Ship.	Inches per Rule Or as	Inches per Rule 2 ths. per Rule ved.
" depth at 3/4 the half breadth, as per Rule	5	3 1/2	8	5	3 1/2	" Rider Plate					
" height extended at the Bilges	5	3 1/2	8	5	3 1/2	" Bulb Plate to Intercoastal Keelson					
DOORS & BRACKETS, in Cell Dble Bottoms	3 1/2	3 1/2	7	3 1/2	3 1/2	" Horizontal Plates on Floors					
" Distance apart	23			23		" Angles					
CENTRE GIRDER, in Double Bottom, depth and thickness	3 1/2	3 1/2	7	3 1/2	3 1/2	BULB STRONGER IN WAY OF MAIN DECK	4 1/2	3	11	7 1/2	3
" Angles, Top	3 1/2	3 1/2	7	3 1/2	3 1/2	SIDE KEELSON, Angles	4 1/2	3	11	7 1/2	3
" Bottom	5	3 1/2	8	5	3 1/2	" Bulb or Plate above floors for lng.					
E GIRDERS, number on each side & thickness	6			6		" Intercoastal Plate for full length	13 1/2	9	13 1/2	9	9
" Angles	3	3	7	3	3	Attached to outside plating with Angle	3	3	7	3	3
IGIN PLATE, depth (exclusive of flange) and thickness	2 1/2	2 1/2	7	2 1/2	2 1/2	BULB STRONGER IN WAY OF MAIN DECK	7 1/2	3	11	7 1/2	3
" Angles to Outside Plating	3 1/2	3 1/2	7	3 1/2	3 1/2	" Bulb or Plate above floors for len.					
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2	4 1/2	9	4 1/2	4 1/2	" Intercoastal Plate for full length	13 1/2	9	13 1/2	9	9
" thickness in Engine and Boiler space	4	4	9	4	4	Attached to outside plating with Angle	3	3	7	3	3
" Remainder in Holds	7			7		BILGE STRINGER, Angles IN WAY OF BODIES	8	3	11	8	3
MS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3	" Bulb Plate for full length	14	9	14	9	9
" Angles on Upper Edge						" Intercoastal Plate for full lng.	14	9	14	9	9
Average space	23			23		Attached to outside plating with Angle	3	3	7	3	3
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3	" Bulb or Intercoastal Plate for full lng.	14	9	14	9	9
" Angles on Upper Edge						Attached to outside plating with Angle	3	3	7	3	3
Average space	23			23							
MS, Hold, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	32	11	32	10	
" Angles on Upper Edge						" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8	
Average space	23			23		" Tie Plates fore & aft, outside Hatchways	Deck plating increased in thickness in way of openings				
S, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3	" Diagonal Tie Plates on Bms., No. of Pairs	7		6		
" Angles on Upper Edge						" Main Dk* Iron or Steel for full lng.	7		6		
Average space	23			23		" R. Q. Dk* Iron or Steel for full lng.	7		6		
S, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	6	5	3	" Wood Deck, Material & thickness	None				
" Angles on Upper Edge						Lower Deck Stringer Plate, breadth and thickness					
Average space	23			23		" Angles on ditto, No.					
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	6	5	3	" Tie Plates, outside Hatchways					
" Angles on Upper Edge						" Deck* Material and thickness					
Average space	23			23		Hold Stringer Plate					
MS, In 'tween Decks, Size and Spacing	2 1/2	4 1/2	2 1/2	4 1/2	4 1/2	" Angles on ditto, No.					
" Hold	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2	Poop Deck Stringer Plate, breadth & thickness	37	8	37	8	
Quarter, 'tween Dks.,						" Angle on ditto	3 x 3	6	3 x 3	6	
" in Hold						" Tie Plates					
AMES, In Fore Body, No. and Spacing						" Deck, Material and thickness	Plated over	7		6	
" Brdth. & Thickness						Bridge Deck Stringer Plate, brdth & thickness	35 1/2	9	35 1/2	8	
No. of Side Stringers						" Angle on ditto	3 x 3	6	3 x 3	6	
B FRAMES, In E. & B. Space, No. & Spacing						" Tie Plates	Deck plating increased in thickness in way of openings				
" Brdth. & Thickness						" Deck, Material and thickness	7		6		
B FRAMES, In After Body, No. and Spacing						Forecastle Deck Stringer Plate, brdth & thcknss	30 1/2	7	30 1/2	6	
" Brdth. & Thickness						" Angle on ditto	3 x 3	6	3 x 3	6	
No. of Side Stringers						" Tie Plates	Deck plating over	7		6	
Size of Angles or Tee Bars to Web Frames						" Deck, Material and thickness					
CKET PLATES to Stringers between						* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.					
eb Frames, Depth and Thickness						BULKHEADS.					
						STIFFENERS.					
						Single or Double Frames.					
						Height up.					
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Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*)
M. 7-3-99. 13-3-99. 7-7-99. 12-1-1900
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.*
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 letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report, Plans of Midship Section, Profile and Decks. Amended arrangement of strong beams in I + B space. Steamspace and single plate rudder. Pumping Arrangements. Three Reports on ships goings and castings.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16-0 ft., R.Q.D. or Break 67-1 ft., Bridge Dk. 57-5 ft., F'castle 25-0 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 *The Poop, Raised Quarter Decks and Bridge are joined*
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 (all) 15 B + dup framing.*
Official No. *109794*; Signal Letters *V*
How are the surfaces preserved from oxidation? Inside *Paint and Portland Cement* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cell D.B.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>and</i>			Fore peak tank,		
Double bottom, under Engines <i>and Boilers.</i>	<i>78-7</i>	<i>143</i>	After peak tank,		<i>55½</i>
Double bottom, if under Engines only,			Midship deep tank,	<i>✓</i>	<i>25½</i>
Double bottom, if under Boilers <i>only.</i>	<i>15-33</i>	<i>32</i>	Other tanks, if fitted,	<i>✓</i>	
Double bottom, forward,	<i>92-0</i>	<i>153½</i>	(If necessary, furnish further information by sketch.)	<i>✓</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. *3110*
Date *23.3.99*
No. *240* in builder's yard.
DATES of Surveys held while building:
1899 May 24.25.31 June 7.14.19.21.27.28.30 July 4.7.10.28 Aug 1.4.7.10.11.15.16
25.28 Sept. 1.12.13.15.20.21.26.28.29 Oct. 2.9.12.13.17.19.23.27.30.31 Nov 6.9.20
24.27.29 Dec 1.4.7.12.19.26 1900 Jan. 8.10.16.17.18.24.26.29 Feb 1.3.3
Total No. of Visits *66*

The amount of Entry Fee £ *4* : : Fees applied for, *13/11 000*
Special £ *52* : *7* : Received by me, *17-2-18 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 *100 A1 "Steel"*
With, or without Freeboard, as condition of Class *✓*

* Certificate to be sent to *Bombay*

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

Committee's Minute *FRI. 16 FEB 1900*
Character assigned *100TH (SHL)*
L.A. & C.P. + R.M.E. 2.00

The Surveyors are requested not to write on or below the Committee's Minute.

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