

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office. FRI. 23 NOV 1906

Date of completion of report  
Survey held at  
On the  
TONNAGE under  
Tonnage Deck  
Do. between Tonnage Dk.  
and 3rd and 4th Dk.  
Total under Upper Dk.  
Do. of Poop and  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Dk.  
Do. of engine room  
Do. above Crown of  
Engine Room  
Gross Tonnage  
Less Crew Space  
Less above Crown of  
Engine Room  
TONNAGE FOR FEES  
Less Engine Room  
Less Navigation Spaces  
Register Tonnage  
as cut on Beam

State if Report is also sent on the Machinery of the Vessel  
Port of  
Date, First Survey  
Last Survey  
Rig  
Master  
Year of appointment  
Built at  
When built  
By whom built  
Owners  
Managers  
Residence  
Port belonging to  
Destined Voyage

Yes  
Belfast  
3rd Nov 1905  
16th Nov 1906  
Schooner  
James Smith  
1878  
Belfast  
1905-6  
6 Sep 1906  
Messrs Harland & Wolff Ltd  
British India S. A. Co Ltd  
Glasgow  
Yes

THREE DECKED VESSEL.  
CLASS 100 A. 1.  
FEET.  
Half Breadth (moulded)  
Depth from upper part of Keel to top of Upper Deck Beams  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule)  
(+ 33)  
deduct 7 feet  
1st Number  
Length on deck from after part of stem to fore part of  
stern post  
2nd Number  
Proportions—Breadth to Length  
Depth to Length—Upper Deck to top of Keel  
Main Deck ditto (assumed)  
128.00  
34.50  
57.25  
120.08  
7.00  
113.08  
457.91  
51780  
8.17  
13.17  
17.15

LENGTH on Deck  
as per Rule  
Feet.  
Inches.  
BREADTH—  
Moulded  
Feet.  
Inches.  
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams  
Do. do. do. do. Main Dk. Beams  
No. of Decks with flat laid  
No. of Tiers of Beams  
Round of Upper  
Dk. Beam, Actual  
Dimensions of Ship per Register, Length breadth depth Moulded depth, ft. ins. To Upper Dk.

FRAMING.  
FRAME, Angles, or L, C or E Bars for 3 length  
amidships  
Do. for 1/2 at each end  
Do. in way of Double Bottoms at Solid Floors  
at intermdt. Bkts.  
Distance of Frames from moulding edge to  
moulding edge, all fore and aft  
REVERSED FRAME, Angles  
DEEP FRAMING, depth of girder  
FLOORS, depth and thickness of Floor Plate  
at mid-line for 3 length amidships  
in way of Engines and Boilers  
thickness at the ends of vessel  
depth at 3/4 the half breadth, as per Rule  
height extended at the Bilges  
FLOORS & BRACKETS in Cell Dble Bottoms  
Distance apart  
CENTRE GIRDER, in Double bottom, depth  
and thickness  
Angles, Top  
Bottom  
SIDE GIRDERS, number on each side & thickness  
Angles  
MARGIN PLATE, depth (exclusive of flange)  
and thickness  
Angles to Outside Plating  
INNER BOTTOM PLATING, breadth and  
thickness of Middle Line Strake  
in Engine and Boiler space  
Remainder in Holds  
BEAMS, Upper Deck, Single Angle, Bulb  
Angle, Plate or Tee Bulb  
Angles on upper edge  
Average space  
BEAMS, Middle Deck, Single Angle, Bulb  
Angle, Plate or Tee Bulb  
Angles on upper edge  
Average space  
BEAMS, Lower Deck, Single Angle, Bulb  
Angle, Plate or Tee Bulb  
Angles on upper edge  
Average space  
AMS, Hold, or Orlop, Plate or Tee Bulb  
Angles on upper edge  
Average space  
MS, Poop Deck, Angle, Bulb Angle, Plate  
or Tee Bulb  
Angles on upper edge  
Average space  
MS, Bridge Deck, Angle, Bulb Angle, Plate  
or Tee Bulb  
Angles on upper edge  
Average space  
MS, Forecastle Deck, Angle, Bulb Angle,  
Plate or Tee Bulb  
Angles on upper edge  
Average space  
PILLARS, In 'tween Deck, size and spacing  
Hold  
Quarter 'tween Dks.  
in Hold  
WEB-FRAMES, In Fore Body, No. and spacing  
brdth. & thickness  
No. of Side Stringers  
WEB-FRAMES, In E. & B. Space, No. & spacing  
brdth. & thickness  
No. of Side Stringers  
WEB-FRAMES, In After Body, No. and spacing  
brdth. & thickness  
No. of Side Stringers  
Size of Angles or Tee Bars to Web-Frames  
BRACKET PLATES to Stringers between  
Web Frames, depth and thickness

FORGINGS or CASTINGS.  
KEEL, Bar on Side Plates, depth and thickness  
STEM, moulding and thickness  
STERN-POST for Rudder do. do.  
for Propeller  
MAIN PIECE of Rudder, diameter at head  
do. at heel  
RUDDER, how constructed  
Can the Rudder be unshipped afloat?  
KEELSONS & STRINGERS.  
CENTRE LINE KEELSON, Vertical Plate above  
floors, Through Plate, or Intercoastal Plate  
Rider Plate  
Bulb Plate to Intercoastal Keelson  
Horizontal Plates on Floors  
Angles  
SIDE KEELSON, Angles  
Bulb or Plate above floors, for lng.  
Intercoastal Plate, for length  
Attached to outside Plating with Angle  
BILGE KEELSON, Angles  
Bulb or Plate above floors, for lng.  
Intercoastal Plate for length  
Attached to outside Plating with Angle  
BILGE STRINGER Angles  
Bulb Plate for length  
Intercoastal Plate for length  
Attached to outside Plating with Angle  
SIDE STRINGER Angles  
Bulb or Intercoastal Plate, for full lng.  
Attached to outside plating with Angle  
Upper Deck Stringer Plates, br'dth & thickness  
Angle on ditto  
Tie Plates fore and aft, outside Hatchways  
Deck \* Iron or Steel, for full lng.  
Wood Deck. Material & thickness  
Middle Deck Stringer Plate, br'dth & thickness  
Angles on ditto, No.  
Tie Plates outside Hatchways  
Diagonal Tie Plates on Bms., No. of prs.  
Deck \* Iron or Steel, for full lng.  
Wood Deck. Material & thickness  
Lower Deck Stringer Plate, br'dth & thickness  
Angles on ditto, No.  
Tie Plates, outside Hatchways  
Deck \* Material and thickness  
Hold, or Orlop Stringer Plate, br'dth & thckn's  
Angles on ditto, No.  
Tie Plates outside Hatchways  
Deck. Material and thickness  
Poop Deck Stringer Plate, breadth & thickness  
Angle on ditto  
Tie Plates  
Deck. Material and thickness  
Bridge Deck Stringer Plate, br'dth & thickness  
Angle on ditto  
Tie Plates  
Deck. Material and thickness  
Forecastle Deck Stringer Plate, b'dth & th'kns  
Angle on ditto  
Tie Plates  
Deck. Material and thickness  
BULKHEADS.  
W. T. BULKHEADS  
PARTITION  
LONGITUDINAL  
STIFFENERS.  
Horizontal.  
Vertical.  
Single or Double  
Frames.  
Height up.

Are the outside Plates doubled two spaces of Frames in length?  
Are the Stave Valves and Watertight Doors in efficient working order?



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.			
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	RIVETS.			BUTTS.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.		Inches.	Diam.	Spacing or to cr.	Inches.	Thickness.	For what Length.	
FLAT PLATE KEEL.....	48	20	18	18	48	20	Double	6 3/4	1 1/2	4 1/2	Double	1 1/2	4 1/2	
(If Bar Keel, state Riveting)														
GARBOARD OF A Strake...	67	15	15	15	54	15	"	6 3/4	1 1/2	3 3/4	Double	1 1/2	4 1/2	
State actual thickness in way of Double Bottom.														
B " "		12	13	14	13	"	"	"	"	"	"	"	"	
C " "		12	13	13	12	"	"	6	1	3 5/8	"	"	"	
D " "		15	12	15	15	"	"	"	"	"	"	"	"	
E " "		14	11	16	14	"	"	"	"	"	"	"	"	
F " "		15	12	17	15	"	"	"	"	"	"	"	"	
G " "		13	10	16	13	"	"	"	"	"	"	"	"	
H " "		14	11	13	14	"	"	"	"	"	"	"	"	
J " "		13	10	12	13	"	"	"	"	"	"	"	"	
K " "		14	11	14	14	"	"	"	"	"	"	"	"	
L " "		13	10	10	13	"	"	"	"	"	"	"	"	
M " "		13	10	10	13	"	"	"	"	"	"	"	"	
N " "	54	16	13	13	56	16	"	"	"	"	"	"	"	
O " "		20	16	16			"	"	"	"	"	"	"	
P " "							"	"	"	"	"	"	"	
Q " "							"	"	"	"	"	"	"	
R " "							"	"	"	"	"	"	"	
DOUBLING of Flat Plate Keel	Flat bar keel fitted													
Length of Bilges	Bridge side thickened in line													
Length of Sheerstrakes														
Length of Strake below														
POOP SIDES		17-15		9		17-15	"	5 1/4	1 1/2	3 3/4	Double	1 1/2	4 1/2	
BRIDGE SIDES							"	6	1	3 3/4	Double	1 1/2	4 1/2	
FORECASTLE SIDES			9			9	"	5 1/4	1 1/2	3 3/4	Double	1 1/2	4 1/2	

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, Plating, &c. *Siemens Martens, South Durham*

*J. Colville & Sons, 2, Market Street, Salford, Lancs.*

*Isoman Long & Co., Glasgow W.S. Shelton W.S. Dowlais Coy.*

*W. Beadmore & Co., Barrow, Lancs. Court.*

Has the Steel been tested as required by the Rules? *Yes*

**FRAMES** extend in one length from *centre girder* to *margin plate* & from *margin plate* to *weather decks*.

**REVERSED FRAMES** on floors and frames extend from *centre girder* to *margin plate* & at ends to *upper D.K. & 1/2 F. deck* all *channel frames* amidships and *butt angles* in after peak.

**MASTS, SPARS, &c.**

Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in Funnels.	ANGLES.		RIVETING.	
		At Partners.	Heel.	Head.	Head.		Number.	Size.	Seams.	Butts.
Fore	102.6	26 x 9/20	26 x 1/20	18 x 1/20	18 x 1/20	3	3	3 1/2 x 3 1/2	Double	Double
Main	103.6	26 x 9/20	26 x 1/20	18 x 1/20	18 x 1/20	3	3	3 1/2 x 3 1/2	Double	Double
Mizen										

Bowsprit.

Topmasts, Yards and Remainder of Spars *Pitch Pine*

Rigging, Material and Size, *Shrouds 4" Steel wire*

Sails, *One* Suit of *fore & aft* Sails, and the following spare sails *One suit.*

**EQUIPMENT No. 61294 LETTER C + 1.**

**ANCHORS.**

Number of Certificate.	Anchors.	WEIGHT EX STOCK.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
55227	1st Bower	46	0	0	57	5	0	0	Hall's Cast Steel	1/11/05 H. Green
55219	2nd "	46	3	19	57	5	0	0	"	4/11/05 "
55218	3rd "	65	2	13	57	7	2	0	"	4/11/05 "
	4th "								"	Hammer & Co. & Bond
57660	Stream	22	0	23	22	11	1	0	Toolmans	1/11/05 H. Green
57659	Kedge	10	0	13	12	2	0	21	"	28/7/06 "

**CHAIN CABLES.**

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tested.	Supplied.				
40348	150	2 1/2	106	1800	444	3 1/2	890	14
40376	150	2 1/2	148	1800	444	3 1/2	890	14
	300	2 1/2	148	1800	444	3 1/2	890	14
	120	4 3/4	47	2400	120	5	As app'd	2/11/06

**HAWSERS AND WARPS.**

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tested.	Supplied.				
40348	150	2 1/2	106	1800	444	3 1/2	890	14
40376	150	2 1/2	148	1800	444	3 1/2	890	14
	300	2 1/2	148	1800	444	3 1/2	890	14
	120	4 3/4	47	2400	120	5	As app'd	2/11/06

**Boats** 12 - 30 ft Life Cutters, 2 - 30 ft Life Cutters, 1 - 26 ft Mail boat, 1 - 26 ft gig, 1 - 26 ft launch.

**Pumps** Number 7 - 6" R.P. 1 - 3" R.P. Diameter of Barrel State whether they are in efficient working order *Yes*

**Windlass** is *iron patent* Capstan *iron patent*

**Engine Room Skylights** - How constructed *Steel, Casings*

What arrangements for deadlights in bad weather? *Wood flaps & glass panes*

**Coal Bunker Openings** - How constructed *Side ports* How are lids secured? *Rollers* Height above deck? *2 ft*

Number of **Scuppers**, and numbers and dimensions of **Freeing Ports**, &c. *2 Scuppers, 3 freeing ports forward 3.0 x 1.3 each side*

**Ceiling in Holds**, thickness and material *2" R.P. Under hatches* **Ceiling 'tween Decks**, thickness and material *2" R.P.*

**Cargo Hatchways** - How formed? *Steel Coamings* **Hatches**, If strong and efficient?

State size **No. 1 Hatch** (Forward) *13.0 x 16.0* **No. 2 Hatch** *17.4 x 16.0* **No. 3 Hatch** *19.6 x 14.0* **No. 4 Hatch** *18.2 x 15.0*

Number of **Web Plates**, **Shifting Beams** and **Fore and Afters** to each Hatch *200/80 1 web 2 beams* *200/80 1 web 2 beams* *200/80 1 web 2 beams*

**2 Webs & 2 Beams** **No. of Breasthooks** *7* **No. of Crutches** *39* **Deck Floors** *Yes*

**Bulwarks**, height above deck and description *Steel 720 - 5 ft high, 1 3/4 round stays* Main Rail, material and size *8 x 3 1/4*

The above is a correct description. *Yes*

Builder's Signature *A. H. Canavan* Surveyor's Signature *E. J. Millon*

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

**Correspondence.** - State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *M. 1.5.05*  
*13.6.05, 21.7.05, 9.1.06, 20.1.06, 2.7.06.*

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

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 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.) *This vessel has been built in accordance with the Rules, the approved Plans and the Secretary's letters quoted above. The workmanship and materials are good throughout.*

*Close ceiling is fitted under under hatchways and over lumber only, as specified by the Owners.*

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.** - Length of Poop *4, R.O.D. or Break and 4, Bridge Dk. 358 ft., F' castle 61.6 ft.*  
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Poop 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) *3 Decks (Upper & Main Steel, Wood Sheathed, Upper Teak sheathed where exposed) and deep framing*

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint* Outside *Paint*

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	93.2	185	Fore peak tank,	21.8	50
Double bottom, under Engines and Boilers,	121.4	507	After peak tank,	19.2	68
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	166.10	419	(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. *200*

Date *10/11/05*

No. *381* in builder's yard

DATES OF SURVEYS held while building

*1905. Mar. 3. 9. 15. 22. Dec. 6. 13. 14. 20. 1906. Jan. 3. 11. 16. 22. 23. 25. 31. Feb. 2. 6. 12. 19. 21. 23. 26. Mar. 1. 14. 21. 28. April 2. 5. 20. 24. May 2. 9. 11. 15. 17. 24. 29. June 4. 7. 19. 26. 28. 29. July 4. 17. 20. 23. 25. 24. 31. Aug. 1. 2. 3. 7. 14. 15. 23. 29. 30. Sep. 5. 7. 13. 18. 19. 27. Oct. 3. 5. 9. 11. 23. 25. 30. 31. Nov. 2. 9. 12. 13. 14. 15. 16.*

Total No. of Visits *81*

The amount of Entry Fee.....£ *5: 0: 0*

Special Survey Fee.....£ *14: 13: 0*

Travelling Expenses, if any £ : : *24/11/05*

Certificate to be sent to *This Office*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100 A. 1. Steel*

With, or without Freeboard, as condition of Class *Without*

Surveyor to Lloyd's Register of British and Foreign Shipping. *E. J. Millon*

**Committee's Minute**

Character assigned *100 A. 1.*

*Lloyd's & Co.*

*L. M. 6. 11. 06*

*F. D. 6. 11. 06*

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