

3 Decks.

IRON OR STEEL STEAMER

DISCLOSED

SECTION

560

364

Date of completion of report

13.9.01

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

Port of

Sunderland

No.

20085

Survey held at

Sunderland

Date, First Survey

11th Dec 1900

Last Survey

30th Aug 1901

On the

"ROMA"

Rig

Schooner

TONNAGE under

3438.86

THREE DECKED VESSEL. RULE

CLASS +100 A1

FEET.

Master

W. Storm

Year of appointment

(1) As Master in service of owner of present vessel; 1887
(2) As Master of this vessel 1901

Built at

Sunderland

When built

1901

Launched 30.7.01

By whom built

J. L. Thompson & Sons.

Owners

Rowland & Merwoods
Steamship Co. Ltd

Managers

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

Residence

Whitby

Port belonging to

Whitby

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

3633.86

Less Crew Space

81.31

Less above Crown of

Engine Room

TONNAGE FOR FEES

3552.56

Engine Room

1162.84

Navigation Spaces

26.53

Register Tonnage

2363.18

cut on Beam

Half Breadth (moulded) 24.60

Depth from upper part of Keel to top of Upper Deck Beams 28.50

Girth of Half Midship Frame (as per Rule) 24.60

Plating No for shell = 34969, deduct 7 feet 102.85

1st Number 95.85

Length on deck from after part of stem to fore part of stern post 340

2nd Number 32589

Proportions—Breadth to Length 6.91

Depth to Length—Upper Deck to top of Keel 11.92

Main Deck ditto

Destined Voyage Rio via Cardiff

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

Length on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
per Rule	340	0	Moulded	49	2 1/2	Top of Floors to top of Upper Dk. Beams	24	10	one
						Do. do. do. do. Main Dk. Beams			two

Dimensions of Ship per Register, Length 342.0 breadth 49.55 depth 25.0. Moulded depth, ft. 27 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.				FORGINGS or CASTINGS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
NAME, Angles, or L. E. or L. Bars for length amidships				KEEL, Bar or Side Plates, depth and thickness			
Do. for 1/2 at each end	8 3/4	8 3/4	8 3/4	STEM, moulding and thickness	11 x 2 7/8	11 x 2 7/8	11 x 2 7/8
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	3 1/2	STERN-POST for Rudder do. do.	11 x 6 3/4	11 x 6 3/4	11 x 6 3/4
Distance of Frames from moulding edge to moulding edge, all fore and aft	25	25	25	MAIN PIECE of Rudder, diameter at head	9	9	9
VERSED FRAME, Angles in Aft. P.K.	4 3/4	4 3/4	4 3/4	do. at heel	7 x 4 1/2	7 x 4 1/2	7 x 4 1/2
DEPTH FRAMING, depth of girder	—	—	—	RUDDER, how constructed	Forging and side plates.	yes.	yes.
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	Cell. S.B.			KEELSONS & STRINGERS.			
Do. in way of Engines and Boilers	—	—	—	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	—	—	—
thickness at the ends of vessel	—	—	—	do. Rider Plate	—	—	—
depth at 1/2 the half breadth, as per Rule	—	—	—	do. Bulb Plate to Intercostal Keelson	—	—	—
height extended at the Bilges	—	—	—	do. Horizontal Plates on Floors	—	—	—
DOORS & BRACKETS in Cell Dble Bottoms	—	—	—	do. Angles	—	—	—
Distance apart	25	25	25	do. SIDE KEELSON, Angles	—	—	—
CENTRE GIRDER, in Double bottom, depth and thickness	4 1/2	4 1/2	4 1/2	do. Bulb or Plate above floors, for length	—	—	—
Angles, Top	4 1/2	4 1/2	4 1/2	do. Intercostal Plate, for length	—	—	—
Bottom	6 1/2	6 1/2	6 1/2	do. Attached to outside Plating with Angle	—	—	—
DE GIRDERS, number on each side & thickness	2	2	2	BILGE KEELSON, Angles	—	—	—
Angles	3 1/2	3 1/2	3 1/2	do. Bulb or Plate above floors, for length	—	—	—
MARGIN PLATE, depth (exclusive of flange) and thickness	37	37	37	do. Intercostal Plate for length	—	—	—
Angles to Outside Plating	4 1/2	4 1/2	4 1/2	do. Attached to outside Plating with Angle	—	—	—
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	48	48	BILGE STRINGER Angles	—	—	—
in Engine and Boiler space	ER 9/16	ER 9/16	ER 9/16	do. Bulb Plate for length	—	—	—
Remainder in Holds	7/16	7/16	7/16	do. Intercostal Plate for length	—	—	—
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	9	9	do. Attached to outside Plating with Angle	—	—	—
Angles on upper edge	25	25	25	SIDE STRINGER, Angles	—	—	—
Average space	50	50	50	do. Bulb or Intercostal Plate, for full length	—	—	—
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	9	9	do. Attached to outside plating with Angle	—	—	—
Angles on upper edge	25	25	25	Upper Deck Stringer Plates, br'dth & thickness	55-43	55-43	55-43
Average space	50	50	50	do. Angle on ditto	6 x 6	6 x 6	6 x 6
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12	12	12	do. Tie Plates fore and aft, outside Hatchways	—	—	—
Angles on upper edge	4 1/2	4 1/2	4 1/2	do. Deck. Iron or Steel, for full length	—	—	—
Average space	50	50	50	do. Wood Deck. Material & thickness	—	—	—
BEAMS, Hold, Single Angle, Bulb Angle, Plate or Tee Bulb	7	7	7	Middle Deck Stringer Plate, br'dth & thickness	72-44	72-44	72-44
Angles on upper edge	25	25	25	do. Angles on ditto, No.	4 x 4	4 x 4	4 x 4
Average space	50	50	50	do. Tie Plates outside Hatchways	—	—	—
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	7	7	do. Diagonal Tie Plates on Bms., No. of prs.	—	—	—
Angles on upper edge	25	25	25	do. Deck. Iron or Steel, for full length	—	—	—
Average space	50	50	50	do. Wood Deck. Material & thickness	—	—	—
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	7	7	do. Lower Deck Stringer Plate, br'dth & thickness	—	—	—
Angles on upper edge	25	25	25	do. Angles on ditto, No.	—	—	—
Average space	50	50	50	do. Tie Plates, outside Hatchways	—	—	—
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	9	9	do. Deck. Material and thickness	—	—	—
Angles on upper edge	25	25	25	do. Poop Deck Stringer Plate, breadth & thickness	46	46	46
Average space	50	50	50	do. Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2
BULKHEADS, In 'tween-Decks, size and spacing	LONGITUDINAL BMD.			do. Tie Plates	—	—	—
Hold	—	—	—	do. Deck. Material and thickness	—	—	—
Quarter 'tween-Decks	—	—	—	do. Bridge Deck Stringer Plate, br'dth & thickness	50	50	50
in Hold & Girder, in lieu	—	—	—	do. Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2
WEB-FRAMES, In Fore Body, No. and spacing	12	12	12	do. Tie Plates	—	—	—
br'dth. & thickness	24	24	24	do. Deck. Material and thickness	—	—	—
No. of Side Stringers	Three	Three	Three	do. Forecastle Deck Stringer Plate, br'dth & th'kns	48	48	48
WEB-FRAMES, In E. & B. Space, No. & spacing	5	5	5	do. Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2
br'dth. & thickness	24	24	24	do. Tie Plates	—	—	—
No. of Side Stringers	Three	Three	Three	do. Deck. Material and thickness	—	—	—
Size of Angles or Tee Bars to Web-Frames	6 1/2	6 1/2	6 1/2	do. BULKHEADS.	—	—	—
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18	18	18	do. In Vessel	6	6	6

PLATING.										RIVETING.																																																																																																																																																		
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.				IF LAPPED.																																																																																																																																													
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	STRAPS.	Breadth.	Thickness.	For what Length.																																																																																																																																													
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FLAT PLATE KEEL.....	42	20	14	14	42	20	14	Double	6	1	4 1/2	Quad. & Treble	1	3 1/2	12-10 1/4 ft.																																																																																																																																													
GARBOARD OF A Strake ..	54	15	13	13	54	15	13	"	1	"	"	Treble	1	"	10 1/2 "																																																																																																																																													
B " " "	46	12	12	10	"	13	10	"	5 1/4	7/8	4	Treble	7/8	3 1/2	9 "																																																																																																																																													
C " " "	66	11	9	9	"	12	9	"	"	"	"	2 x Treble	"	"	10 1/2 - 9 "																																																																																																																																													
D " " "	46	12	10	10	"	13	10	"	"	"	"	Treble	"	"	9 "																																																																																																																																													
E " " "	54	12	9	9	"	12	9	"	"	"	"	"	"	"	"																																																																																																																																													
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G " " "	61	12	9	9	"	12	9	"	"	"	"	"	"	"	"																																																																																																																																													
H " " "	54 1/2	13	10	10	"	13	10	"	"	"	"	Quad.	"	"	10 1/2 "																																																																																																																																													
J " " "	60	12	9	9	"	12	9	"	"	"	"	"	"	"	"																																																																																																																																													
K " " "	51	13	10	10	"	13	10	"	6	1	4 1/2	"	"	"	"																																																																																																																																													
L " " "	61	14	9	9	"	14	9	"	6	1	4 1/2	"	1 7/8 x 3/4	3 1/2 x 2 1/8	12-10 1/2 - 9 "																																																																																																																																													
M " " "	46	16	11	11	46	16	11	"	"	"	"	Treble	1	3 1/4	19																																																																																																																																													
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DOUBLING OF Flat Plate Keel	Keel & garboards increased in thickness of 1/8 in. Doubling from 10 ft. within the bridge each end to 1/2 length.																																																																																																																																																											
POOP SIDES	7/20																																																																																																																																																											
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<p>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. <i>Consell, Palmers' 2. 60</i></p> <p><i>Lorman Long, Bolton & Vaughan, Colville, Leith & Co. Ltd.</i></p> <p><i>Pearson Martin process</i></p> <p>Has the Steel been tested as required by the Rules? <i>yes</i></p>																																																																																																																																																												
<p>FRAMES extend in one length from <i>stank margin to deck & 2 top of erections.</i></p> <p>REVERSED FRAMES <i>on floor and frames extend from 2nd bar except in after PK when reverse bar extend to upper deck.</i></p>																																																																																																																																																												
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<p>Boats <i>Four</i></p> <p>Pumps, Number <i>one</i> <i>Townson</i> Diameter of Barrel <i>4 1/2</i> " State whether they are in efficient working order <i>yes</i></p> <p>Windlass is <i>Emerson Walker & Thompson Bros. Pat. Capstan</i></p> <p>Engine Room Skylights.—How constructed? <i>Steel plates & bars</i></p> <p>What arrangements for deadlights in bad weather? <i>Lido & bulls eyes</i></p> <p>Coal Bunker Openings.—How constructed? <i>Steel Coamings</i> How are lids secured? <i>Sarpanulus & Chest</i> Height above deck? <i>18"</i></p> <p>Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>6; 8 @ 2.9" x 1.11"</i></p> <p>Ceiling in Holds, thickness and material <i>Y. Pine 2"</i> Ceiling 'tween Decks, thickness and material <i>✓</i></p> <p>Cargo Hatchways.—How formed? <i>Steel Coamings</i> Hatches, If strong and efficient? <i>✓</i></p> <p>State size No. 1 Hatch (Forward) <i>25.0' x 18.0'</i> No. 2 Hatch <i>27.1' x 19.0'</i> No. 3 Hatch <i>27.1' x 18.0'</i> No. 4 Hatch <i>25.0' x 18.0'</i></p> <p>Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>NO. 1 = 2W. 3FA. NO. 2 = 2x3; 2W. 5FA.</i></p> <p>No. of Breasthooks <i>6</i> No. of Crutches <i>2up floors</i></p> <p>Bulwarks, height above deck and description. <i>Steel, 3' 11"; Stays 1 1/4" dia with open Main Rail, material and size 6 x 3 bulb angle.</i></p> <p>The above is a correct description. <i>✓</i></p> <p>Builder's Signature <i>(here only)</i> <i>J. J. J.</i> Surveyor's Signature <i>J. J. J.</i> Surveyor to Lloyd's Register of British and Foreign Shipping.</p>																																																																																																																																																												

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

M 25/7/00, 2/8/00, 10/8/00, 26/10/00, 19/1/01, 14/5/01, E 11/12/00

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? *Solid pieces* 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? *one or two*

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 approved plans & Secretary's letters and generally in accordance with the Rules. The workmanship throughout is good.

The approved Midship Section & Profile together with two other approved plans and facing Certificate for stem frame, rudder and stern are enclosed herewith.

It is respectfully requested that the plans be returned for use in dealing with the sister vessel.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *29* ft., R.Q.D. or Break *ft.*, Bridge Dk. *100* ft., F'castle *32* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not 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 (Iron) 2 tr. B. Deep framing & web frames.*

Official No. *;* Signal Letters *Paint & Cement* Outside *Paint*

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

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft.	104.2	298	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	12.5	65
Double bottom, if under Engines only,	22.11	79	Midship deep tank,		
Double bottom, if under Bottom only, <i>WELL</i>			Other tanks, if fitted,		
Double bottom, forward,	150	455	(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. *4300*

Date *6 July 1900*

No. *390* in builder's yard.

DATES OF SURVEYS held while building

1900 Dec 11, 19, 21, 28. 1901 Jan 4, 10, 11, 17, 21, 25, Feb 5, 12, 16, 25, 27. Mar 1, 4, 8, 16, 22. Apr 3, 10, 25. May 3, 6, 10, 16, 24, 30. June 10, 13, 17, 20. July 5, 8, 11, 23, 24, 26, 27, 29, 30. Aug 10, 15, 16, 28, 30.

Total No. of Visits *48*

The amount of Entry Fee.....£ *5* : *13.9.01*

Special Survey Fee£ *113: 16: 6*

Travelling Expenses, if any £ *:* : *18/9/1801 16/9.01*

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*

Committee's Minute *FRI. SEP 20 1901*

Character assigned *100A1 Steel*

a rcl + 2 mcb, 01

Write Self

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