

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. SEP. 3-1913

Date of completion of report
Survey held at

Greenock.

State if Report is also sent on the Machinery of the Vessel. *Yes. No.*

Port of

Greenock

Date, First Survey

14th June 1911

Last Survey

No.

16527

27th Aug 1913

On the (State if Single, Twin, or Triple Screw)

S.S. "ANT."

Rig Schooner

TONNAGE under
Tonnage Deck...

Do. between Tonnage Dk. & 3rd and 4th Dk.	314.88
Total under Upper Dk.	21.93
Do. of Poop	137.37
Do. of B.Q. Dk.	21.29
Do. of Bridge House	49.24
Do. of Forecastle	544.91
Do. of Houses on Dk.	19.94
Do. of excess of Hatchways	49.24
Do. above Crown of Engine Room	475.73
Gross Tonnage	219.38
Less Crew Space	47.06
Less above Crown of Engine Room	
TONNAGE FOR FEES	
Less Engine Room	
Navigation Spaces	

CLASS *A.1. For Service between Portsmouth & Isle of Wight.*

Breadth (greatest moulded)	33.0
Depth, at middle of length from top of keel to top of upper deck beams at side	8.5
Transverse Number	41.5
Length on deck from fore part of stem to after part of stern post	164.0
Longitudinal Number	6806.0
Depth "d," at middle of length (See Secs. 2 & 13)	7.7
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	19.29
" " Long Bridge Deck Beam at side to top of keel	

Master *R. Laws. (for voyage only)*

Year of appointment

Built at *Port. Glasgow.*

When built *1913.* Launched *28th July 1913*

By whom built *Messrs. Murdoch & Murray.*

Owners *The Admiralty.*

Managers

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

Residence

London.

Port belonging to

Destined Voyage *Portsmouth.* If Surveyed while Building, Afloat, *and* in Dry Dock *Yes.*

LENGTH on Deck as per Rule	Feet. 164	Inches. 0	BREADTH—Moulded	Feet. 33	Inches. 0	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet. 8	Inches. 3 1/2	No. of Decks with flat laid on <i>one 8</i> <i>promenade</i>	No. of Tiers of Beams
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Dimensions of Ship per Register, Length *164.5* breadth *33.1* depth *8.3*. Moulded depth, ft. *8* ins. *6 1/2*. To Bridge Dk. Round of Upper Dk. Beam, Actual *8 1/2* ins.

FRAMING.				PILLARS.			
FRAME, Angles, <i>or E or L</i> Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	3	2 1/2	5	" " Hold			
Do. in way of Double Bottoms at Solid Floors	3	2 1/2	5	" " Quarter 'tween Dks.	2	6.0	2
" " at intermdt. Bkts.				" " in Hold			
Spacing of Frames from centre to centre amidships	18		18	KEELSONS & STRINGERS.			
" " " " " " " " " " " "				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	17 1/2	6	17 1/2
" " " " " " " " " " " "				" Rider Plate	3	2 1/2	3
REVERSED FRAME, Angles	2 1/2	2 1/2	5	" Flat Plate Keel Angles	6	3	6
Do. in way of Double Bottoms at Solid Floors				" Horizontal Plates on Floors	6	3	6
" " at intermdt. Bkts.	3		3	" Angles or Bulb Angles	4 1/2	3	4 1/2
FRAMING, depth of girder				SIDE KEELSONS, Number <i>ONE</i>	4 1/2	3	4 1/2
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	11	6	11	" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces		7	7	" Plate above floors, for length	3		3
" thickness at the ends of vessel		5	5	" Intercoastal Plate, for length	2 1/2	2 1/2	5
" depth at 1/2 the half breadth, as per Rule	FLOORS STRAIGHT ACROSS			" Attached to outside Plating with Angle	4 1/2	3	4 1/2
" height extended at the Bilges				BILGE KEELSON, Angles	2 1/2	2 1/2	5
FLOORS in Cell. Double Bottoms				" Intercoastal Plate for length	5		5
" state if flanged (top & bottom)				" Attached to outside Plating with Angle	2 1/2	2 1/2	5
" Spacing of Solid floors				SIDE STRINGERS, Number <i>TWO</i>	4 1/2	3	4 1/2
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.				" " Angle			
" " Angles, Top				" Intercoastal Plate, for length			
" " " Bottom				" Attached to outside plating with Angle			
" " " to Floors				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	30	6	30
" Brackets at intermdt. frmg., wdth & thcknss				" " " " " " " " " " " "			
SIDE GIRDERS, number on each side & thickness				" " " " " " " " " " " "			
" state if flanged (top and bottom)				" " " " " " " " " " " "			
" Angles (top and bottom)				" " " " " " " " " " " "			
" " to Floors				" " " " " " " " " " " "			
MARGIN PLATE, depth (exclusive of flange) and thickness				" " " " " " " " " " " "			
" Angles to Outside Plating				" " " " " " " " " " " "			
" " Floors				" " " " " " " " " " " "			
" Brackets at intermdt. frmg., wdth & thcknss				" " " " " " " " " " " "			
Height of Outside Brackets above at bilge				" " " " " " " " " " " "			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" " " " " " " " " " " "			
" " in Engine and Boiler space				" " " " " " " " " " " "			
" " Remainder in Hold				" " " " " " " " " " " "			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	7	" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing	36		36	" " " " " " " " " " " "			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	2 1/2	5	" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing	36		36	" " " " " " " " " " " "			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing				" " " " " " " " " " " "			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing				" " " " " " " " " " " "			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	2 1/2	24	" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing	36		36	" " " " " " " " " " " "			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " " " " " " " " " " "			
" In way of Long Bridge				" " " " " " " " " " " "			
" Spacing				" " " " " " " " " " " "			

EQUIPMENT No. as approved. LETTER						ANCHORS.			TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS								
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.		Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Fathoms.	Ins.	Fathoms.
40969.	1st Bower ...	12.	1.	0.	✓	✓	✓	14.	1	3	14.	12.	0.	0.	0.	S. Taylor & Sons.	Tipton 9/12. C.E. Fernin
40960.	2nd " ...	12.	1.	0.	✓	✓	✓	14.	1	3	14.	12.	0.	0.	0.	" "	" "
	3rd " ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	" "	" "
	4th " ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	" "	" "
	Collective weight .	24.	2.	0.	✓	✓	✓	✓	✓	✓	✓	24.	0.	0.	✓	" "	" "
40961.	Stream	1	3	7.	✓	✓	✓	4	4	1	14.	1	3	0.	✓	ordinary.	" "
✓	Kedge.....	0.	3	21.	✓	✓	✓	✓	✓	✓	✓	0.	3.	0.	✓	" "	" "

CHAIN CABLES.										HAWSETERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Twine.	Length and Size per Table 31.					
	Fathoms.	Diam.		Supplied.	Per Rule.						Fathoms.	Diam.		Ins.	Fathoms.	Ins.			
42334.	120.	1".	18.	27.	63.	0.11.	6'. 0.22.	120.	1.	Shd.	S. Taylor & Sons.	Tipton 7/12. J.M. Russell	TOWLINE	Fathoms.	Ins.	22.	✓	✓	
													HAWSETERS & WARPS	2-60	2".	7.	✓	✓	
														60.	4"	MANILLA.	✓	✓	
														60.	3½"		✓	✓	

Boats Two.

Pumps, Number 4.

Windlass is Steam by Emerson Walker & Co.

Engine Room Skylights.—How constructed? ✓

Coal Bunker Openings.—How constructed? Cast iron scuttles. How are lids secured? By bolting. Height above deck? flush.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2 scuppers each side & 2 freeing ports each 2' 9" x 12".

Ceiling in Holds, thickness and material 2" W.P.

Cargo Hatchways.—How formed? Steel plates & angles.

State size No. 1 Hatch (Forward) { 12' 2" x 5' 9" x 5' 4". No. 2 Hatch { 6' 1" x 5' 2" x 4' 9". No. 3 Hatch ✓ No. 4 Hatch ✓

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Bulkhead in centre of No. 1 hatch forming division

Bulwarks, height above deck and description steel, 32 x 4 1/4".

The foregoing is a correct description.

Builder's Signature (here only) Murdoch Murray Ltd per J.M. Surveyor's Signature A.W. M. Rab.

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

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

M. 16/11. M. 14/11. E. 30/11. M. 17/12. M. 20/12. M. 4/10/12. M. 25/11/12. M. 28/2/13. M. 4/3/13. M. 14/4/13. E. 25/4/13. M. 14/5/13.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed where practicable

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 staggered? yes.

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes.

State results of tests satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? 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. The quality of the materials & workmanship is good.

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

The amount of Entry Fee £ 2 : - : -

Special Survey Fee £ 23 : 16 : -

Travelling Expenses, if any £ :

State whether the Vessel has been built under Special Survey yes.

I am of opinion this Vessel should be Classed * A1. (FOR SERVICE BETWEEN PORTSMOUTH & ISLE OF WIGHT.)

With or without Freeboard, as condition of Class

Committee's Minute GLASGOW 2-SEP-1913

Character assigned + A1

For service between Portsmouth & Isle of Wight.

873

Lloyd's a+c+p

+ LMC 873

ocv

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

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.75 ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 99.66 ft. (in feet and tenths). When the Poop 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) ONE DECK (TEAK) & PROMENADE DECK (TEAK).
 Official No. ☒ ; Signal Letters ☒ State if Machinery is fitted aft NO.
 How are the surfaces preserved from oxidation? Inside WAILES DOVE'S BITUMASTIC ENAMEL IN HOLDS. Outside PAINT.
PORTLAND CEMENT ELSEWHERE

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank.		
Double bottom, under Engines and Boilers,			After peak tank.	<u>13.5</u>	<u>23</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<u>10.5</u>	<u>82</u>
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(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. 2648

Date 8th June 1911.

No. 243 in builder's yard.

DATES of Surveys held while building

1911. June 14. 21. 28. July 19. 25. Aug. 4. 14. 23. 28. Sept. 4. 12. 19. Dec. 5. 8. 13. 19. 22. 26. 1912. Jan. 11. 14. 23. 29. 1913. Apr. 1. 4. 8. 15. 21. 24. 28. May. 1. 6. 12. 15. 21. 26. June 2. 5. 6. 9. 14. 17. 24. 25. 30. July 15. 16. 21. 24. 26. Aug. 14. 18. 25. 27.

Total No. of Visits 53

Surveyor's Signature

A. W. M. Hall

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