

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office: WED. 16 JAN. 1918

Date of completion of report 4th Jan 1918
Survey held at Port Glasgow
State if Report is also sent on the Machinery of the Vessel Yes.
Port of Greenock
Date, First Survey 11th August, 1916, Last Survey 12th January, 1918.
No. 17239.

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer
CLASS *100A1
Master John Hogg
Rig Schooner
Year of appointment 1918
Built at Port Glasgow
When built 1918 Launched 22nd Oct 1917
By whom built Russell & Co.
Owners Steamship Ardgarra Co. Ltd.
Managers Lang & Fulton Ltd.
Residence Greenock
Port belonging to Greenock

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 4309.06
Total under Upper Dk. 107.35
Do. of Poop 3.29
Do. of Bridge House 15.68
Do. of Forecastle 122.89
Do. of Houses on Dk. 34.35
Do. of excess of Hatchways above Crown of Engine Room 4592.62
Gross Tonnage 151.06
Do. Crew Space 4441.56
Do. above Crown of Engine Room 1469.64
Do. Navigation Spaces 50.78
Register Tonnage 2921.14
Destined Voyage

Breadth (greatest moulded) 51.75
Depth, at middle of length from top of keel to top of upper deck beams at side 29.00
Transverse Number 80.75
Length on deck from fore part of stem to after part of stern post 385
Longitudinal Number 31088.75
Depth "d," at middle of length (See Secs. 2 & 13) 17.5
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.27
Long Bridge Deck Beam at side to top of keel 10.40

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
385	0	51	9	26	5	18	7	13	2	2

Dimensions of Ship per Register. Length 385 breadth 52 depth 26.55. Moulded depth, ft. 37 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins. To Upper Dk. Dk. Beam, Actual 13 ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
FRAME, Angles, E or L Bars amidships	6	3 1/2	46	6	3 1/2	46			
Do. in peaks	6	3 1/2	36	6	3 1/2	36			
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40			
" " at intermdt. Bkts.									
Spacing of Frames from centre to centre amidships	26			26					
" " from 1/2 length to Collision bulkhead	26			26					
" " in peaks	24			24					
REVERSED FRAME, Angles	6	3 1/2	46	6	3 1/2	46			
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40			
" " at intermdt. Bkts.									
FRAMING, depth of girder	9			9					
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships	6.40	8.50	8.40	8.50					
" in way of Engine and Boiler Spaces									
" thickness at the ends of vessel									
" depth at 1/2 the half breadth, as per Rule									
" height extended at the Bilges			.40	.40					
FLOORS in Cell Double Bottoms									
" state if flanged (top & bottom)	26			26					
" Spacing of Solid floors	42	.50	42	.50					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	4 1/2	4 1/2	.60	4 1/2	4 1/2	.60			
" Angles, Top	2	3 1/2	.50	3 1/2	3 1/2	.50			
" Bottom	4 1/2	4 1/2	.60	4 1/2	4 1/2	.60			
" to Floors	5	5	.56	5	5	.56			
" Brackets at intermdt. frmg. width & thickness	2	.38	2	.38					
SIDE GIRDERS, number on each side & thickness	2	.38	2	.38					
" state if flanged (top and bottom)	3 1/2	3 1/2	.40	3 1/2	3 1/2	.40			
" Angles (top and bottom)	3	3	.40	3	3	.40			
" to Floors	46	.46	33	.46					
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	.46	3 1/2	3 1/2	.46			
" Angle to Outside Plating	5	3 1/2	.40	5	3 1/2	.40			
" Floors									
" Brackets at intermdt. frmg. width & thickness	24		24						
Height of Outside Brackets above at bilge	7 1/2	.48	7 1/2	.48					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	8.48	8.61	8.48	8.56					
" in Engine and Boiler space		.40		.40					
" Remainder in Holds									
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	.42	7	3	.42			
" In way of Long Bridge	7	3	.42	7	3	.42			
" Spacing	26		26						
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	11	3 1/2	.44	11	3 1/2	.44			
" Spacing	52		52						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel									
" Angles on upper edge									
" Spacing									
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	.44	8 1/2	3 1/2	.48			
" Angles on upper edge									
" Spacing									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	.40	7	3	.40			
" Angles on upper edge									
" Spacing	26		26						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	.46	8 1/2	3 1/2	.50			
" Angles on upper edge									
" Spacing									
PILLARS In 'tween Deck, size and spacing									
" Hold									
" Quarter 'tween Dks.									
" in Hold									
KEELSONS & STRINGERS.									
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate									
" Rider Plate									
" Flat Plate Keel Angles									
" Horizontal Plates on Floors									
" Angles or Bulb Angles									
SIDE KEELSONS, Number									
" Angles or Bulb Angles									
" Plate above floors, for length									
" Intercoastal Plate, for length									
" Attached to outside Plating with Angle									
BILGE KEELSON, Angles									
" Intercoastal Plate for length									
" Attached to outside Plating with Angle									
SIDE STRINGERS, Number	2 in fore hold only								
" Angle	7	3 1/2	.60	6 1/2	3 1/2	.60			
" Intercoastal Plate, for whole length			.42			.42			
" Attached to outside plating with Angle									
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	59	.64	59	.64					
" br'dth & thickness (in way of Bridge)	5	.68	5	.68					
" Angle (clear of Bridge)		.05		.05					
" Tie Plate at sides of Hatchways		.04		.04					
Deck * Steel, for whole lng.									
" Thickness (clear of Bridge)		.44		.44					
" (in way of Bridge)		.38		.36					
Wood Deck, Material & thickness									
Second Deck Stringer Plate, br'dth & thickness (clear of Bridge)	47	.46	47	.46					
" br'dth & thickness (in way of Bridge)	3 1/2	.46	3 1/2	.46					
" Angles on ditto, No.	2		2						
" Tie Plates outside Hatchways									
Deck * Steel, for whole lng.									
" Thickness (clear of Bridge)		.38		.34					
" (in way of Bridge)									
Wood Deck, Material & thickness									
Third Deck Stringer Plate, br'dth & thickness (clear of Bridge)									
" br'dth & thickness (in way of Bridge)									
" Angles on ditto, No.									
" Tie Plates outside Hatchways									
Deck * Material and thickness									
Fourth and Fifth Deck Stringer Plate, br'dth & thickness (clear of Bridge)									
" br'dth & thickness (in way of Bridge)									
" Angles on ditto, No.									
" Tie Plates outside Hatchways									
Deck * Material and thickness									
Poop Deck Stringer Plate, breadth & thickness	34	.38	34	.34					
" Angle on ditto	3 1/2	.34	3 1/2	.34					
" Tie Plates									
" Deck, Material and thickness	Steel	.25 and 2 1/2 PP	Steel	.25 and 2 1/2					
Bridge Deck Stringer Plate, br'dth & thickness	53	.54	53	.54					
" Angle on ditto	4 1/2	.58	4 1/2	.58					
" Tie Plates									
" Deck, Material and thickness	Steel	.38	Steel	.38					
Forecastle Deck Stringer Plate, br'dth & thickness	34	.38	34	.34					
" Angle on ditto	3 1/2	.34	3 1/2	.34					
" Tie Plates									
" Deck, Material and thickness	Steel	.30	Steel	.30					

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.25 ft., R.Q.D. ✓ ft., Bridge 110.5 ft., Forecastle 47 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 should appear in the Register Book) 2 Dks (Plt)
Official No. 137059; Signal Letters ✓ State if Machinery is fitted amidships
How are the surfaces preserved from oxidation? Inside by Portland cement and paint outside by 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>123.5</u>	<u>371</u>	Fore peak tank,		<u>20</u>
Double bottom, under Engines and Boilers,	<u>41.16</u>		After peak tank,		
Double bottom, under Engines only,		<u>87</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>169</u>	<u>571</u>	Deep tank, forward,		
Double bottom, forward,		<u>1029</u>	Other tanks, if fitted,		
Total capacity of double bottom <u>333.66</u>			(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. <u>yes</u>		

Order for Special Survey No. 2874
Date 9th February, 1916
No. 704 in builder's yard.
DATES of Surveys held while building
(1916). Aug. 11. Sep. 20. Nov. 9. 23. Dec. 15. (1917). Jan. 8. 10. 12. 25. Feb. 6. 13. 20. Mar. 1. 8. 13. 20. Apr. 13. 20. 30. May. 11. 18. 23. 31. June. 6. 14. 20. July. 20. Aug. 8. 9. 17. 20. 27. 30. Sep. 5. 7. 11. 20. Oct. 1. 15. 18. 19. 20. 26. Nov. 23.
Dec. 14. 17. 27. 28. (1918). Jan. 12. —

Surveyor's Signature

J. Bennett

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Total No. of Visits 50

Lloyd's Register
Foundation