

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office WED JAN 22 1913

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

Yes.

Date of completion of report 16 January 1913 Port of Glasgow
 Survey held at Bowling Date, First Survey 27-5-1912 Last Survey 14-1-1913
 On the Steel Steamer "CARNALEA" Rig Schooner
 TONNAGE under Tonnage Deck 422.57 CLASS 100 A1.
 Do. between Tonnage Dk. and 3rd and 4th Dk. 422.57
 Do. of Poop 99.01
 Do. of R.Q.Dk. 18.58
 Do. of Bridge House 6.09
 Do. of Forecastle House 4.63
 Do. of Houses on Dk. 28.44
 Do. of excess of Hatchways Do. above Crown of Engine Room 579.32
 Gross Tonnage 59.51
 Less Crew Space 519.81
 Less above Crown of Engine Room 264.93
 ONNAGE FOR FEES 22.24
 Register Tonnage as cut on Beam 232.64
 Breadth (greatest moulded) 28.0
 Depth, at middle of length from top of keel to top of upper deck beams at side 13.0
 Transverse Number 41.0
 Length on deck from fore part of stem to after part of stern post 178.5
 Longitudinal Number 7318
 Depth "d" at middle of length (See Secs. 2 & 18) 10.0
 Proportions—Depth to Length—Upper Deck Beam at side to top of keel 13.73
 " " Long Bridge Deck Beam at side to top of keel 10.5
 Master John Robinson
 Year of appointment (1) As Master in service of owner of present vessel—1897 (2) As Master of this vessel 1913
 Built at Bowling
 When built 1913-1 Launched 26.11.12
 By whom built Scott & Sons.
 Owners John Kelly & Co.
 Managers (Where necessary to be entered in Reg. Book.)
 Residence Belfast
 Port belonging to Belfast
 Destined Voyage Belfast
 Surveyed while Building, Afloat, or in Dry Dock & on Slip

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
178	6		28	0		10	8		one	one
Moulded depth, ft. 17 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 1/2 ins.										
Moulded depth, ft. 13 ins. 0 To Upper Dk. Dk. Beam, Actual										

Dimensions of Ship per Register, Length 178.6 breadth 28.0 depth 10.5

FRAMING.						PILLARS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule Approved		Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule Approved	
FRAME, Angles or Bars amidships	4 1/2	3	3 1/2	4 1/2	3	PILLARS, In 'tween Deck, size and spacing	4 1/2	3 1/2	4 1/2	4 1/2	
Do. in peaks	4 1/2	3	3 1/2	4 1/2	3	" " Hold	4 1/2	3 1/2	4 1/2	4 1/2	
Do. in way of Double Bottoms at Solid Floors	3	3	3 1/2	3	3	" " Quarter 'tween Dks.,					
" " " at intermt. Bkts.						" " in Hold					
Spacing of Frames from centre to centre amidships		22			22	KEELSONS & STRINGERS.					
" " " length to Collision bulkhead in peaks	3	3	3 1/2	3	3	CENTRE LINE KEELSON, Vertical Plates above	3 1/2	4 1/2	3 1/2	4 1/2	
REVERSED FRAME, Angles	3	3	3 1/2	3	3	" " " Through Plate, or Intercoastal Plate	6 1/2	4 1/2	6 1/2	4 1/2	
Do. in way of Double Bottoms at Solid Floors	3	3	3 1/2	3	3	" " Rider Plate					
" " " at intermt. Bkts.						" " Flat Plate Keel Angles					
FRAMING, depth of girder	4 1/2	3 1/2	4 1/2	4 1/2	4 1/2	" " Horizontal Plates on Floors		4 1/2		4 1/2	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2	" " Angles or Bulb Angles	3	3	4 1/2	3	4 1/2
" " in way of Engine and Boiler Spaces						SIDE KEELSONS, Number	one		one		
" " thickness at the ends of vessel						" " Angle or Bulb Angle	6	4	4 1/2	6	4 1/2
" " depth at 1/2 the half breadth, as per Rule						" " Plate above floors, for length					
" " height extended at the Bilges						" " Intercoastal Plate, for length		3 1/2		3 1/2	
FLOORS & BRACKETS in Cell Dble Bottoms		30			28	" " Attached to outside Plating with Angle	3	3	3 1/2	3	3 1/2
" " state if flanged (top & bottom)	no					BILGE KEELSON, Angle	6	4	4 1/2	6	4 1/2
" " Spacing	22				22	" " Intercoastal Plate for length		3 1/2		3 1/2	
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	" " Attached to outside Plating with Angle	3	3	3 1/2	3	3 1/2
" " Angles, Top	3	3	3 1/2	3	3 1/2	SIDE STRINGERS, Number	one		one		
" " Bottom	3	3	3 1/2	3	3 1/2	" " Angle	3 1/2	3	3 1/2	3	3 1/2
" " to Floors	3	3	3 1/2	3	3 1/2	" " Intercoastal Plate, for full length		3 1/2		3 1/2	
SIDE GIRDERS, number on each side & thickness	one	28	one		28	" " Attached to outside plating with Angle	3	3	3 1/2	3	3 1/2
" " state if flanged (top and bottom)	no					Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	60	55	60	50	
" " Angles (top and bottom)	3	3	3 1/2	3	3 1/2	" " " " " (in way of Bridge)	4 1/2 x 4 1/2	50	4 1/2 x 4 1/2	50	
" " to Floors	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	" " " " " Angle (clear of Bridge)					
MARGIN PLATE, depth (exclusive of flange) and thickness	27	30	19		30	" " Tie Plate at sides of Hatchways					
" " Angles to Outside Plating	3	3	3 1/2	3	3 1/2	" " Deck * Iron or Steel, for 3/4 lng.		30		30	
" " Floors	3	3	3 1/2	3	3 1/2	" " Thickness (clear of Bridge)					
" " Height of Brackets above at bilge	2				2	" " (in way of Bridge)					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	37	42	37		34	Wood Deck, Material & thickness					
" " in Engine and Boiler space						Second Deck Stringer Plate, br'dth & thickness	58	49	58	44	
" " Remainder in Holds		36			28	" " Angle on ditto, No. one	3 x 3	40	3 x 3	40	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	3 1/2	5	3 1/2	" " Tie Plates outside Hatchways					
" " Bulb Angles on upper edge of 1/2 length	7	3	4 1/2	7	3 1/2	" " Deck * Iron or Steel, for full lng.		30		30	
" " In way of Long Bridge						" " Wood Deck, Material & thickness					
" " Spacing	22	4	4 1/2	22	4 1/2	Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	3 1/2	5	3 1/2	" " Angles on ditto, No.					
" " Bulb Angles on upper edge of 1/2 length	7	3	4 1/2	7	3 1/2	" " Tie Plates outside Hatchways					
" " Spacing	22	4	4 1/2	22	4 1/2	" " Deck * Material and thickness					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" " Angles on upper edge						" " Angles on ditto, No.					
" " Spacing						" " Tie Plates outside Hatchways					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" " Deck, Material & thickness					
" " Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness					
" " Spacing						" " Angle on ditto					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	3 1/2	5	3 1/2	" " Tie Plates					
" " Angles on upper edge						" " Deck, Material and thickness					
" " Spacing						Bridge Deck Stringer Plate, br'dth & thickness	24	30	24	30	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	3 1/2	5 1/2	3 1/2	" " Angle on ditto	3 1/2 x 3 1/2	40	3 1/2 x 3 1/2	40	
" " Angles on upper edge						" " Tie Plates	9	25	9	25	
" " Spacing						" " Deck, Material and thickness	P.P. 5 x 2 3/4	P.P. 5 x 2 3/4			
" " " "						Forecastle Deck Stringer Plate, br'dth & thickness	33	32	33	32	
" " " "						" " Angle on ditto	3 x 3	35	3 x 3	35	
" " " "						" " Tie Plates	66	32	66	32	
" " " "						" " Deck, Material and thickness	5 x 3 P.P.	5 x 3 P.P.			

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

GENERAL REMARKS—(continued).

Damage Survey. —

Damage stated to have been caused by grounding in River Clyde near Whiteinch on date of launch, 26 Nov. 1912.

Vessel placed on Bowling slipway, bottom and rudder examined and recoated; 12 rivets in keel of sternframe renewed, and about 20 ft of shell seams and a few butts recoated; double bottom tanks were examined internally & tested under water pressure and found good; bottom of vessel in way of engine & boiler space, decks, & structure generally examined & found good.

W.D.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 1 ft., R.Q.D. 101.3 ft., Bridge 9.16 ft., Forecastle 33.0 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). 1 Sk. Steel

Official No. 132028; Signal Letters

State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside Cement & paint

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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	/	/	Fore peak tank,	<u>26.25</u>	<u>45</u>
Double bottom, under Engines and Boilers,	/	/	After peak tank,	<u>7.23</u>	<u>7</u>
Double bottom, if under Engines only,	/	/	Deep tank, aft,	/	/
Double bottom, if under Boilers only,	/	/	Deep tank, forward,	/	/
Double bottom, forward,	<u>100.84</u>	<u>154</u>	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. 4684

Date 31. 5. 12

No. 241 in builder's yard.

DATES of Surveys held while building

1912. May 27 June 7. 12. 21 July 3. 8. 10. 21. 26. 29. 31. Aug 2. 9. 14. 16. 21. 26. 28. 30.
Sept 2. 9. 10. 16. 20. 23. 27. Oct. 2. 4. 9. 11. 14. 16. 18. 21. 25. 28. Nov. 4. 8. 11. 13. 15. 18. 20. 22.
25. 28. 30.
1912 Jan 3. 7. 14.

Surveyor's Signature W.D.

Total No. of Visits 30.

Lloyd's Register Foundation