

With or Without
Disconnected Erections.

STEEL STEAMER.

WED. 16 FEB. 1921

Received at London Office

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

Date of completion of report
Survey held at

14th Feb 1921

Port of *Belfast*

Date, First Survey *9th Sept. 1919*

Last Survey *4th Feb 1921*

No.

8484

1921

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

Single Screw Steamer CITY OF CAMBRIDGE

Rig *no sails*

TONNAGE under

CLASS *100A1*

FEET.

Master *J. Finister*

Year of appointment

(1) As Master in service of owner of present vessel:—13
(2) As Master of this vessel:—13

Tonnage Deck...

Breadth (greatest moulded) *57.92*

Do. between Tonnage Dk. and 3rd and 4th Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side *34.16*

Total under Upper Dk. *6778.17*

Do. of Poop & Houses under *74.71*

Do. of R.Q. Dk. *8.82*

Do. of Bridge House *181.74*

Do. of Forecastle *12.26*

Do. of excess of Hatchways *7055.70*

Do. above Crown of Engine Room *158.18*

Gross Tonnage *7055.70*

Less Crew Space *2257.82*

Less above Crown of Engine Room *82.57*

TONNAGE FOR FEES. *2257.82*

Less Engine Room *82.57*

Less Navigation Spaces *4557.13*

Register Tonnage as cut on Beam *4557.13*

Destined Voyage *New York*

If Surveyed while Building, Afloat, and in Dry Dock *Yes*

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
<i>454</i>	<i>0</i>		<i>57</i>	<i>11</i>		Do. do. do. do. Second Dk. Beams	<i>31</i>	<i>6</i>	<i>2</i>

Dimensions of Ship per Register, Length <i>454</i> breadth <i>58.2</i> depth <i>31.8</i>	Moulded depth, ft. <i>42</i> ins. <i>8</i>	To Bridge Dk. Round of Upper Dk. Beam, Actual <i>148</i> ins.
	Moulded depth, ft. <i>34</i> ins. <i>2</i>	To Upper Dk.

FRAMING.						PILLARS.					
FRAME, Angles, or E or L Bars amidships						PILLARS In 'tween Deck, size and spacing					
Do. in peaks	8	3 1/2	50	8	3 1/2	50	" " Hold	" "	" "	2 Rows of wide	
Do. in way of Double Bottoms at Solid Floors	7	3 1/2	40	7	3 1/2	40	" " Quarter 'tween Dks.,	" "	" "	Spaced pillars & girders	
" " at intermdt. Bkts.	4	3 1/2	46	4	3 1/2	46	" " in Hold	" "	" "	See app. plan	
Spacing of Frames from centre to centre amidships		36			36		KEELSONS & STRINGERS.				
" " " " from 1/2 length to Collision bulkhead		27			27		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" " " " in peaks		24			24		Rider Plate				
REVERSED FRAME, Angles	8 1/2	4	54	8 1/2	3 1/2	56	Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	46	3 1/2	3 1/2	46	Horizontal Plates on Floors				
" " " " at intermdt. Bkts.	3	3 1/2	40	3	3 1/2	40	Angles or Bulb Angles				
FRAMING, depth of girder		12 1/2			12 1/2		SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							Angles or Bulb Angles				
" in way of Engine and Boiler Spaces							Plate above floors, for length				
" thickness at the ends of vessel							Intercoastal Plate, for length				
" depth at 1/2 the half breadth, as per Rule							Attached to outside Plating with Angle				
" Weight extended at the Bilges							BILGE KEELSON, Angles				
FLOORS in Cell, Double Bottoms, Angle, Stiffeners below main deck			42		42		Intercoastal Plate, for length				
" state if flanged (top & bottom)							Attached to outside Plating with Angle				
" Spacing of Solid floors					36		SIDE STRINGERS, Number				
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	46		56	46	56		Angles				
" " Angles, Top	3 1/2	3 1/2	54	3 1/2	3 1/2	54	Intercoastal Plate, for length				
" " Bottom	5	5	60	5	5	60	Attached to outside plating with Angle				
" " to Floors	6	6	50	6	6	50	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				
" Brackets at intermdt. frm., wdth & thknss							br'dth & thickness (in way of Bridge)				
SIDE GIRDERS, number on each side & thickness	(2)		42	(2)	42		Angle (clear of Bridge)				
" " state if flanged (top and bottom)							Tie Plate at sides of Hatchways				
" " Angles (top and bottom)	3 1/2	3 1/2	44	3 1/2	3 1/2	44	Deck, * Iron or Steel, for full lng.				
" " to Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	42	Thickness (clear of Bridge)				
MARGIN PLATE, depth (exclusive of flange) and thickness	38		54	38	54		(in way of Bridge)				
" " Angle to Outside Plating	4	4	50	4	4	50	Wood Deck, Material & thickness				
" " Floors	6	3 1/2	44	6	3 1/2	44	Second Deck Stringer Plate, br'dth & thickness				
" Brackets at intermdt. frm., wdth & thknss							Angles on ditto, No.				
Height of Outside Brackets above at bilge		35			35		Tie Plates outside Hatchways				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	47		56	46	54		Deck, * Iron or Steel, for full lng.				
" " in Engine and Boiler space	E 56	B 72	E 54	B 58			Thickness (clear of Bridge)				
" " Remainder in Holds			52		50		(in way of Bridge)				
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8 x 3 1/2 x 3 1/2		52 1/2	8 x 3 1/2 x 3 1/2	52 1/2		Wood Deck, Material & thickness				
" In way of Long Bridge	8 x 3 1/2 x 3 1/2		52 1/2	8 x 3 1/2 x 3 1/2	52 1/2		Third Deck Stringer Plate, br'dth & thickness				
" Spacing		36			36		Angles on ditto, No.				
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	10 x 3 1/2 x 3 1/2		50	10 x 3 1/2 x 3 1/2	50		Tie Plates outside Hatchways				
" Spacing		36			36		Deck, * Material and thickness				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x 3 1/2 x 3 1/2		48	8 x 3 1/2 x 3 1/2	46 1/2		Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" Angles on upper edge							Angles on ditto, No.				
" Spacing		36			36		Tie Plates outside Hatchways				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x 3 1/2 x 3 1/2		52 1/2	8 x 3 1/2 x 3 1/2	46 1/2		Deck, * Material and thickness				
" Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness				
" Spacing		36			36		Angle on ditto				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2	52	Tie Plates				
" Angles on upper edge							Deck, * Material and thickness				
" Spacing		36			36		Bridge Deck Stringer Plate, br'dth & thickness				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2	52	Angle on ditto				
" Angles on upper edge							Tie Plates				
" Spacing		36			36		Deck, * Material and thickness				
		36			36		Forecastle Deck Stringer Plate, br'dth & th'kns				
		36			36		Angle on ditto				
		36			36		Tie Plates				
		36			36		Deck, * Material and thickness				

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

W603-0152 1/2

Form No. 1A. WEB FRAMES. In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE. DELG. of Flat Plate Keel. POOP SIDES. FORECASTLE SIDES. FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder. RUDDER-A x D. Main-Piece, diameter at head. RUDDER, how constructed. RIVETING. EDGES. BUTTS. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, YARDS and REMAINDER of SPARS. RIGGING, Material and Size, Shrouds. SAILS.

EQUIPMENT No. 44616. LETTER C. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSEES AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. Number of Web Plates. Number of Breasthooks. Builwarks. Correspondence. Workmanship. General Remarks. The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With or without Freeboard, as condition of Class. Committee's Minute. Character assigned. White Bel. Lloyds a/c P. + LMC 2.21 7.0. Fitted for oil fuel 2.21, 7.0. above 150.7.

W608-0152 2/2



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *112* ft., R.Q.D. ☒ ft., Bridge *168* ft., Forecastle *104.5*
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *no*.

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 decks Steel*
Official No. *144236*; Signal Letters _____ State if Machinery is fitted aft *Amidships*
How are the surfaces preserved from oxidation? Inside *102.2+3 Tanks Cemented also 8+3 Tanks* Outside *Paint*
102.1-4.8+6 Tanks Outside plates cemented 6 inch of inside plates

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

Where Fitted.		Length.		Water Capacity.		Where Fitted.		Length.		Water Capacity.
		Feet.	Tons.					Feet.	Tons.	
Double bottom, aft,	<i>S.W.</i>	<i>159</i>	<i>565</i>			Fore peak tank,				
Double bottom, under Engines and Boilers,	<i>F.W.</i>	<i>45</i>	<i>215</i>			After peak tank,				
Double bottom, if under Engines only,						Deep tank, aft,	<i>aft of Engine Room</i>	<i>S.W.</i>	<i>36</i>	<i>955</i>
Double bottom, if under Boilers only,						Deep tank, forward,				
Double bottom, forward,		<i>184.6</i>	<i>690</i>			Other tanks, if fitted,	<i>Oil Settling Tank (oil)</i>			<i>40</i>
		Total capacity of double bottom	<i>1470</i>			(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*
Double Bottom aft & fwd. for the carrying of oil fuel

Order for Special Survey No. *674*

Date *28-6-19*

No. *385* in builder's yard.

DATES of Surveys held while building

1919
Sept. 9, 22. Oct. 11, 17, 21. 26, 29, 30. Nov. 1, 4, 11, 14, 17, 25, 27, 28. Dec. 2, 6, 9, 10, 12, 16, 18. Jan. 2, 6, 8, 13, 14, 15.
26, 29, 30. Feb. 3, 4, 9, 10, 13, 17, 20, 24, 27. March 1, 4, 10, 16, 18, 23, 25. Apr. 1, 2, 9, 14, 16, 20, 27, 30. May 3, 5, 12, 21, 24, 27, 31.
7, 9, 11, 14, 17, 18, 21, 25, 29. July 2, 6, 7, 8, 21, 30. Aug. 4, 5, 9, 11, 16, 17, 19, 23, 25, 26, 30, 31. Sept. 1, 4, 7, 8, 13, 14, 15, 16, 20, 22, 23.
27, 28, 29. Oct. 4, 8, 12, 15, 21, 25, 26, 29. Nov. 2, 4, 9, 11, 14, 23, 25, 29, 30. Dec. 3, 8, 10, 14, 17, 22. Jan. 4, 6, 10, 14, 17, 19.
19, 21, 24, 25, 26, 28, 29. Feb. 1, 2, 3, 4.
1920
Total No. of Visits *148*

Surveyor's Signature

J. M. Iwer

Lloyd's Register Foundation