

With ~~or Without~~ Disconnected Erections.

STEEL STEAMER.

WED. JUN. 23 1920

Received at London Office

Date of completion of report 12 June 1920  
Survey held at Glasgow

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

Yes.

On the (State of Single, Twin, or Triple Screw) Steel Screw Steamer

Port of Glasgow  
Date, First Survey 15.4.1919  
Last Survey 9th June 1920

No. 40,065  
Rig Schooner  
Master H. Robertson

TONNAGE under Tonnage Deck  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk.

CLASS 100 A1

FEET.

Master

Year of appointment 1920

Do. of Poop  
Do. of R.Q.Dk.

Breadth (greatest moulded) 63.62  
Depth at middle of length from top of keel to top of upper deck beams at side 38.31

Built at Glasgow

Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Dk.

Transverse Number 517.1  
Length on deck from fore part of stem to after part of stern post 527.08

When built 1920 Launched 22nd Jan 1920

Do. of excess of Hatchways above Crown of Engine Room  
Do. of Engine Room  
Do. of Navigation Spaces

Longitudinal Number 19.94  
Depth "d" at middle of length (See Secs. 2 & 13) 13.49

By whom built G. G. Connell & Co. Ltd.

Do. of Crew Space above Crown of Engine Room  
Do. of AGE FOR FEES  
Do. of Engine Room  
Do. of Navigation Spaces

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.17  
Long Bridge Deck Beam at side to top of keel

Owners Thos. & John Brodiebank & Co. Ltd.

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

Residence Liverpool

Port belonging to Liverpool

Do. of Water Tonnage  
Do. of Length on Deck  
Do. of per Rule

Destined Voyage Calcutta

If Surveyed while Building, Afloat, or in Dry Dock Yes.

Dimensions of Ship per Register	Length	Breadth	Depth	DEPTH, ACTUAL	Top of Floors to top of Upper Dk. Beams	Second Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
	518.0	63.9	35.65					

FRAMING.	Inches in Ship	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 Bars amidships	8	3 1/2	62	8	3 1/2	62			
Do. in peaks	9	3 1/2	45	8 1/2	3 1/2	5			
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	5	4	3 1/2	5			
Do. at intermed. Dkts.									
Ang. of Frames from centre to centre amidships	30			30					
Do. length to Collision bulkhead	27			27					
Do. in peaks	8	3 1/2	62	8	3 1/2	62			
TRANSVERSE FRAME, Angles	4	3 1/2	5	4	3 1/2	5			
Do. in way of Double Bottoms at Solid Floors									
Do. at intermed. Dkts.	12 1/2			12 1/2					
HING, depth of girder									
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships									
Do. 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									
DOORS in Cell. Double Bottoms	48	5	42	48	5	42			
state if flanged (top & bottom)	90			90					
Spacing of Solid floors	30	27		30	27				
FORE GIRDER, in Dbl. bottom, dpth. & thcknss.	48 1/2	5	64	48 1/2	5	64			
Do. Angles, Top	5	5	64	5	5	64			
Do. Bottom	5	5	64	5	5	64			
Do. to Floors	5	5	64	5	5	64			
BRACKETS at intermed. frmg. with & thcknss.									
GIRDERS, number on each side & thickness	Three	46		Three	46				
state if flanged (top and bottom)	90			90					
Do. Angles (top and bottom)	3 1/2	3 1/2	48	3 1/2	3 1/2	48			
Do. to Floors	3 1/2	3 1/2	48	3 1/2	3 1/2	48			
DECK PLATE, depth (exclusive of flange) and thickness	47 1/2			56					
Do. Angle to Outside Plating	4	2	56	4	2	56			
Do. Floors	5	5	60	5	5	60			
BRACKETS at intermed. frmg. with & thcknss.									
HEIGHT of Outside Brackets above at bilge	8.3			8.3					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	72			58					
Do. in Engine and Boiler space	58	3	62	58	3	62			
Do. Remainder in Holds	56	48	42	56	48	42			
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	9	3 1/2	50			
Do. In way of Long Bridge	9	3 1/2	50	9	3 1/2	50			
Do. Spacing	30			30					
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	11	3 1/2	3 1/2	45	11	3 1/2	3 1/2	45	
Do. Spacing	30			30					
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	10	3 1/2	50	10	3 1/2	50			
Do. Angles on upper edge	27			27					
Do. Spacing	11	3 1/2	3 1/2	45	11	3 1/2	3 1/2	45	
BEAMS, Poop Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	60	48		60	48				
Do. Angles on upper edge	9	3 1/2	45	8 1/2	3 1/2	48			
Do. Spacing	30			30					
BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	11	3 1/2	3 1/2	52	11	3 1/2	3 1/2	52	
Do. Angles on upper edge	54	48		54	48				
Do. Spacing									

PILLARS.		Inches. Size in Ship.	Inches. Spacing in Ship.	Inches. per Rule, Or as	Inches. per Rule, Approved.		
PILLARS In 'tween Deck, size and spacing		2 Rows			of wide		
"	Hold				spaced pillars		
"	Quarter 'tween Dks.,				4 girders as per		
"	in Hold				approved plans		
KEELSONS & STRINGERS.		Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule, Or as	Inches per Rule, Approved.	
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.....		Two		Two			
"	Angle.....	8	3 1/2	52	8	3 1/2	54
"	Intercoastal Plate, for full length....			46			46
"	Attached to outside plating with Angle....	3 1/2	3 1/2	46	3 1/2	3 1/2	46
Upper Deck Stringer Plate, br'dth & thickness )		20	52	8	20	52	8
(clear of Bridge)							
"	" " " br'dth & thickness )	20	52	8	20	52	8
(in way of Bridge)							
"	" " " Angle (clear of Bridge)....	6	6	8	6	6	8
"	" " " Tie Plates sides of Hatchways....	58	4	44	58	4	44
"	Deck, * Iron or Steel, for full lng.			58			58
"	" " Thickness (clear of Bridge).....			44			44
"	" " (in way of Bridge).....						
Wood Deck, Material & thickness.....		72	5		72	5	
Second Deck Stringer Plate, br'dth & thickness )		44	4	52	44	4	52
Angles on ditto, No. 2.....							
"	Tie Plates outside Hatchways.....	44	4	36	44	4	36
"	Deck, * Iron or Steel, for full lng.						
Wood Deck, Material & thickness.....		48	4	48	48	4	48
Third Deck Stringer Plate, br'dth & thickness )		44	4	46	44	4	46
Angles on ditto, No. 2.....							
"	Tie Plates outside Hatchways.....			34			34
"	Deck, * Material and thickness Steel						
Fourth and Fifth Deck Stringer Plate, )							
breadth & thickness )							
"	" " " Angles on ditto, No.						
"	" " " Tie Plates outside Hatchways						
"	" " " Deck, Material & thickness						
Poop Deck Stringer Plate, breadth & thickness )		48	36	48	36		
Angle on ditto.....		3 1/2	3 1/2	4	3 1/2	3 1/2	4
"	Tie Plates Steel Pl			32			25
"	Deck, Material and thickness	3" PP			3" PP		
Bridge Deck Stringer Plate, br'dth & thickness )		20	50	68	20	50	68
Angle on ditto.....		6	6	72	6	6	72
"	Tie Plates.....						
"	Deck, Material and thickness Steel			50			50
Forecastle Deck Stringer Plate, br'dth & thickness )		48	36	48	36		
Angle on ditto.....		3 1/2	3 1/2	4	3 1/2	3 1/2	4
"	Tie Plates Steel Pl			26			24
"	Deck, Material and thickness	3" PP			3" PP		
* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.							

432-0195(112)



[illegible][illegible]



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop 48.75 ft., B.D. ft., Bridge 222.5 ft., Forecastle 41 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 should appear in the Register Book) 2 Decks (steel) 3<sup>rd</sup> Deck (steel) in No. 1 hold.  
Official No. ; Signal Letters. State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Paint & part cement. Outside Paint  
Cement on outside of stanchions rest of hull

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Tons.
Double bottom, aft,	165	670	Fore peak tank,	26	11
Double bottom, under Engines and Boilers,			After peak tank,	14	9
Double bottom, if under Engines only,	30	165	Deep tank, aft,	40	15
Double bottom, if under Boilers only,	50	284	Deep tank, forward,	35	14
Double bottom, forward,	218	991	Other tanks, if fitted,		
Total capacity of double bottom		2110	(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. 5248

Date 10.4.19.

No. 376 in builder's yard.

DATES OF SURVEYS held while building

1919 Apr 15-22 May 2-4 19-21-28 June 24-27 July 9 Aug 28 Sept 10-18-24 Oct 2-7-10-22-29  
Nov 6-18-19-20-26-27 Dec 5-8-16-24 1920 Jan 12-16-22-30 Mar 4-25 Apr 1-14 May 1-14

Surveyor's Signature

Henry H. Cobb

Total No. of Visits

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