

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

Date of completion of report

Survey held at **FORT GLASGOW**

Date, First Survey

Port of **GREENOCK.**

No. **16063**

17th January 1911. Last Survey

On the **FORT OF LONDON AUTHORITY**

HOPPER NO 10

Rig

TONNAGE under 564.85

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk. side house 1.05

Do. of excess of Hatchways

Do. above Crown of

Engine Room 16.72

Gross Tonnage 582.62

Less Crew Space 53.57

Less above Crown of

Engine Room 16.72

TONNAGE FOR FEES 512.33

Less Engine Room 273.51

Less Navigation Spaces 31.76

Register Tonnage 223.78

as cut on Beam

Breadth (greatest moulded) 32.0

Depth, at middle of length from top of keel to top of upper deck beams at side 13.458

Transverse Number 45.458

Length on deck from fore part of stem to after part of stern post 173.75

Longitudinal Number 7998.32

Depth "d," at middle of length (See Secs. 2 & 13) 12.125

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.9

Long Bridge Deck Beam at side to top of keel

Master **A. Thomson** (For voyage only)

Year of appointment

Built at **FORT GLASGOW**

When built 1911 Launched 11th May 1911

By whom built **FERGUSON BROS.**

Owners **PORT OF LONDON AUTHORITY**

Managers

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

Residence

Port belonging to **LONDON**

Destined Voyage **Thames**

If Surveyed while Building, Afloat, or in Dry Dock

Bureau of Special Survey

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
173	9	32	0	Do.	Do.	Do.	Do.	Do.	one	one

Dimensions of Ship per Register, Length 173.7 breadth 32.15 depth 12.8 Moulded depth, ft. 13 ins. 5 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 ins.

FRAMING.						PILLARS.					
FRAME, Angle, size or Bars amidships						PILLARS, in 'tween Deck, size and spacing					
Do. in peaks	6	3	38	6	3	38	3	5 1/6	3	5 1/6	
Do. in way of Double Bottoms at Stern	6	3	38	6	3	38	3 1/2	6 1/6	3 1/2	6 1/6	
Do. in way of Double Bottoms at Bow	4 1/2	3	38	4 1/2	3	38	3	6 1/6	3	6 1/6	
Spacing of Frames from centre to centre amidships	23			23							
Do. in way of Collision bulkhead	18			18							
Do. in way of Collision bulkhead in peak	22 1/2			22 1/2							
REVERSED FRAME, Angle, size or Bars	3	3	34	3	3	34					
Do. in way of Double Bottoms at Stern	4	4	50	4	4	50					
Do. in way of Double Bottoms at Bow											
Do. in way of Double Bottoms at Stern											
FRAMING, depth of girder											
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	12	x	34	12	x	34					
Do. in way of Engine and Boiler Spaces	16	x	34	16	x	34					
Do. thickness at the ends of vessel											
Do. depth at 1/2 the half breadth, as per Rule											
Do. height extended at the Bilges											
FLOORS & BRACKETS in Cell Double Bottoms											
Do. state if flanged (top & bottom)											
Do. Spacing											
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness											
Do. Angles, Top											
Do. Bottom											
Do. to Floors											
SIDE GIRDERS, number on each side & thickness											
Do. state if flanged (top and bottom)											
Do. Angles (top and bottom)											
Do. to Floors											
MARGIN PLATE, depth (exclusive of flange) and thickness											
Do. Angles to Outside Plating											
Do. Floors											
Do. Height of Brackets above at bilge											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake											
Do. in Engine and Boiler space											
Do. Remainder in Holds											
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34	5 1/2	3	34					
Do. Angles on upper edge											
Do. In way of Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	9	x	30	9	x	30					
Do. Angles on top edge of 1/2	3	3	30	3	3	30					
Do. Spacing											
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4	3	35	4	3	35					
Do. Angles on upper edge											
Do. Angles on upper edge of 1/2	6	3	40	6	3	40					
Do. Spacing											
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel											
Do. Angles on upper edge											
Do. Spacing											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
Do. Angles on upper edge											
Do. Spacing											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
Do. Angles on upper edge											
Do. Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	34	6 1/2	3	34					
Do. Angles on upper edge											
Do. Spacing											
on every frame						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
						42					
						br'dth & thickness (in way of Bridge)					
						3 1/2 x 3 1/2					
						Angle (clear of Bridge)					
						3 1/2 x 3 1/2					
						Tie Plate at sides of Hatchways					
						3					
						Deck * Iron or Steel, for White lng.					
						3					
						Thickness (clear of Bridge)					
						(in way of Bridge)					
						Wood Deck, Material & thickness					
						P. Pine 3					
						Second Deck Stringer Plate, br'dth & thickness					
						42					
						Angle on ditto, No.					
						3 x 3 x 35					
						Tie Plates outside Hatchways					
						Deck * Iron or Steel, for lng.					
						Wood Deck, Material & thickness					
						W. Pine 2 1/2					
						Third Deck Stringer Plate, br'dth & thickness					
						Angles on ditto, No.					
						Tie Plates, outside Hatchways					
						Deck * Material and thickness					
						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					
						Angle on ditto					
						Tie Plates					
						Deck, Material and thickness					
						Bridge Deck Stringer Plate, br'dth & thickness					
						Angle on ditto					
						Tie Plates					
						Deck, Material and thickness					
						Forecastle Deck Stringer Plate, br'dth & thickness					
						Angle on ditto					
						3 x 3 x 32					
						Tie Plates					
						Deck, Material and thickness					
						Steel Deck					
						30					

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 18 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 Dk (Steel) pt w.s
 Official No. 132554; Signal Letters State if Machinery is fitted aft Yes
 How are the surfaces preserved from oxidation? Inside Cement Bitumen Paint Outside paint

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,	<u>14</u>	<u>56</u>
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted <u>Ball. tank at side of Hopp 7'8"</u>	<u>7'8"</u>	<u>21</u>
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. 2615

Date 27th Oct. 1910

No. 198 in builder's yard.

DATES of Surveys held while building

1911. Jan 15. 20. 27. Feb. 1. 6. 10. 16. 20. 23. Mar 3. 7. 15. 21. 28. Apr. 5. 11. 13. 25. May. 5. 8. 9. 15. 19. 25. 29. 30. June 2. 9. 13. 14. 19. 26.

Total No. of Visits 33

Surveyor's Signature

Edward F. Tierney
 Lloyd's Register Foundation