

1st 2 Dks., R.O. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 15323.

State if Report is also sent on the Machinery of the Vessel. YES.
Date of completion of Report 12th MARCH 1908

Received at London Office.

Port of GREENOCK

TUES 17 MAR 1908

Survey held at PORT GLASGOW

Date, First Survey 4th September 1907

Last Survey 11th MARCH 1908

1908

On the STEEL SCREW TENDER

DARENT
ONE OR TWO DECKED VESSEL.
CLASS 100 A.1.

(YARD N° 176)

Rig ONE MAST.

Master W. M. JOHNSTON (FOR VOYAGE TO THE THAMES ON)

Year of appointment (1) As master in service of owner of present vessel: 1908
(2) As master of this vessel: 1908

Built at PORT GLASGOW.

When built 1908 Launched 22nd Jan'y 1908.

By whom built FERGUSON BROTHERS.

Owners THE CONSERVATORS OF THE RIVER THAMES.

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

Residence LONDON

Port belonging to LONDON.

BUILT UNDER SPECIAL SURVEY.

TONNAGE under Tonnage Deck... 149.21
Do. of Poop
Do. of Raised Or.
Dk. or Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of
Engine Room...
Gross Tonnage 171.57
Less Crew Space 10.48
Less above Crown of 18.34 = 28.82
Engine Room...
TONNAGE FOR FEES... 142.75
+ LIGHT & AIR... 18.34
Less Engine Room
Less Navigation Spaces... 16.10.9
Less ENGINE ROOM... 155.35
Register Tonnage as cut on Beam... 5.74

Half Breadth (moulded) 11.5
Depth from upper part of Keel to top of Main Deck Bms. 13.25
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 21.2
1st Number 45.95
Length on deck from after part of stem to fore part of stern post 95.
2nd Number 436.25
Proportions—Breadths to Length 4.13
Depths to Length—Main Deck to top of Keel 7.17
Destined Voyage LONDON. If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule... 95 Feet. 0 Inches. BREADTH—Moulded... 23 Feet. 0 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 10 Feet. 4 1/2 Inches. No. of Decks with Flat laid ONE. No. of Tiers of Beams ONE.
Dimensions of Ship per Register, Length, 96.0' breadth, 23.1' depth, 10.3' Moulded Depth, 12 ft. 9 ins. Round of Beam, Actual 5 1/2 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	14ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	14ths or 20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, L, E or L Bars, for full length amidships				KEEL, Bar or Side Plates—depth and thickness			
Do. for 1/4 at each end	3	2 1/2	5	6" x 1 1/4"	6" x 1 1/4"	6" x 1 1/4"	6" x 1 1/4"
Do. in way of Double Bottoms at Solid Floors.	3	2 1/2	5	STEM, moulding and thickness	6" x 1 1/4"	6" x 1 1/4"	6" x 1 1/4"
Spacing of Frames from centre to centre	21	21	21	STERN-POST for Rudder do. do.	6" x 2 3/4"	6" x 2 3/4"	6" x 2 3/4"
REVERSED FRAME, Angles	2 1/2	2 1/2	5	for Propeller	6" x 2 3/4"	6" x 2 3/4"	6" x 2 3/4"
DEEP FRAMING, depth of girder	5	5	5	MAIN PIECE of Rudder, diameter at head...	4 3/4	4 3/4	4 3/4
FLOORS, depth and thickness of Floor Plate	17	6	17	do. at heel	3	3	3
at mid-line for 1/4 length amidships	10/20	10/20	10/20	RUDDER, how constructed	BUILT IRON FORGING AND SINGLE PLATE.		
in way of Engines and Boilers	5	5	5	Can the Rudder be unshipped afloat? NO, SEE APPROVED PLAN OF RUDDER.			
thickness at the ends of vessel	5	5	5	KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	14ths or 20ths in Ship.
depth at 1/4 the half breadth, as per Rule	STRAIGHT ON TOP.			CENTRE LINE KEELSON, Vertical Plate above	21	8	21
height extended at the Bilges				floor, Through Plate, or Intercostal Plate			
FLOORS & BRACKETS, in Cell Dble Bottoms	33	6	32	Rider Plate			
state if flanged (top & bottom)	NO	NO	NO	Bulb Plate to Intercostal Keelson			
Spacing	21	21	21	Horizontal Plates on Floors	4	4	10-8
CENTRE GIRDER, in Double Bottom, depth	33	8	32	Angles	4	4	10-8
and thickness (INTERSECTIONS)	3 1/2	3 1/2	7	SIDE KEELSON, Angles			
Angles, Top	3 1/2	3 1/2	7	Bulb or Plate above floors for			
Bottom	KEEL			Intercostal Plate for			
SIDE GIRDERS, number on each side & thickness	ONE	6	ONE	Attached to outside plating with Angle			
state if flanged (top & bottom)	NO	NO	NO	BILGE KEELSON, Angles			
Angles	3	2 1/2	6	Bulb or Plate above floors for			
MARGIN PLATE, depth (exclusive of flange)	18	6	17 1/2	Intercostal Plate for			
and thickness	FLANGED TO SHELL			Attached to outside plating with Angle			
Angles to Outside Plating	3	2 1/2	6	BILGE STRINGER Angles	4	4	10
Floors	39	39	39	Bulb Plate for			
Height of Floors at the Bilges	36	7	36	Intercostal Plate for			
INNER BOTTOM PLATING, breadth and				Attached to outside plating with Angle			
thickness of Middle Line Strake				SIDE STRINGER Angles	3	3	7
thickness in Engine and Boiler space				Bulb or Intercostal Plate for FULL Ing.	8	6	8
Remainder in Hold				Attached to outside plating with Angle	3	3	6
BEAMS, Main and Raised Quarter Deck	4	2 1/2	6	Main and Raised Quarter Deck Stringer	54	5	54
Single Angle, Bulb Angle, Plate or Tee Bulb				Plate, breadth and thickness	3 x 3	6	3 x 3
Angles on Upper Edge	21	21	21	Angle on ditto			
Spacing	4	2 1/2	6	Tie Plates, outside Hatchways			
BEAMS, Lower Deck, Single Angle, Bulb				Diagonal Tie Plates on Bms, No. of Pairs			
Angle, Plate or Tee Bulb				Main Dk* Iron or Steel for FULL Ing.	5		5
Angles on Upper Edge	21	21	21	R. Q. Dk* Iron or Steel for			
Spacing				Wood Deck Material & thickness	1 3/4	1 3/4	
BEAMS, Hold, Plate or Tee Bulb				Lower Deck, Stringer Plate, breadth and	6/20		6/20
Angles on Upper Edge				thickness			
Spacing				Angles on ditto, No. ONE	3 x 3	6	3 x 3
BEAMS, Poop Deck, Angle, Bulb Angle, Plate				Tie Plates, outside Hatchways			
or Tee Bulb				Deck* Material and thickness	6/20		6/20
Angles on Upper Edge				Hold Stringer Plate			
Spacing				Angles on ditto, No.			
BEAMS, Bridge or Pt. Awng. Deck, Angle				Poop Deck Stringer Plate, breadth & thickness			
Bulb Angle Plate, or Tee Bulb				Angle on ditto			
Angles on Upper Edge				Tie Plates			
Spacing				Deck, Material and thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle				Bridge or Pt. Awng. Deck Stringer Plate			
Plate or Tee Bulb				breadth and thickness			
Angles on Upper Edge				Angle on ditto			
Spacing				Tie Plates			
PILLARS, In 'tween Decks, Size and Spacing				Deck, Material and thickness			
Hold	2 5/8 DIA	42	2 5/8 DIA	Forecastle Deck Stringer Plate, brdth & thckns			
Quarter, 'tween Dks.				Angle on ditto			
in Hold				Tie Plates			
WEB FRAMES, In Fore Body, No. and Spacing				Deck, Material and thickness			
No. of Side Stringers				BULKHEADS.	Number.	Thickness.	STIFFENERS.
WEB FRAMES, In E. & B. Space, No. & Spacing				In Vessel.	Per Rule.	Horizontal.	Vertical.
Brdth. & Thickness	PARTITION	BULKHEAD BETWEEN		W.T. BULKHEADS	4	4	6-5
WEB FRAMES, In After Body, No. and Spacing				PARTITION	2	4-5	
Brdth. & Thickness				LONGITUDINAL, PEAK BULKHEADS ADDITIONALLY STIFFENED.			
No. of Side Stringers				Are the outside Plates doubled two spaces of Frames in length? YES.			
Size of Angles or Tee Bars to Web Frames				Are the Stance Valves and Watertight Doors in efficient working order? YES.			
BRACKET PLATES to Stringers between							
Web Frames, Depth and Thickness							

