

1 or 2 Dks., R.Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

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

Date of completion of Report *24th October 1910*

Date, First Survey *April 27*

Port of Hull

Last Survey *Oct 17th*

No. *23070*

Received at London Office.

Survey held at *Hull*

On the *Steamer*

BLACKBURN.

Rig *Schooner*

Master *W. A. Morris*

Year of appointment

(1) As master in service of
owner of present vessel:—19
(2) As master of this
vessel:—1910

Built at *Hull*

When built *1910*

Launched *8th Sept.*

By whom built *Earle's Shipbuilding & Engineering Co. Ltd.*

Owners *Great Central Railway.*

Managers

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

Residence *Grimsby.*

Port belonging to *Grimsby.*

TONNAGE under	1094.53
Tonnage Deck...	
Do. of Poop	66.58
Do. of Raised Or.	
Dk. or Break...	
Do. of Bridge House	194.20
Do. of Forecastle	24.79
Do. of Houses on Deck	169.29
Do. of excess of Hatchways	6.65
Do. above Crown of	74.79
Engine Room ...	
Gross Tonnage	1633.83
Less Crew Space	69.94
Less above Crown of	74.79
Engine Room ...	
TONNAGE FOR FEES ..	1489.07
Less Engine Room	648.85
Less Navigation Spaces	36.40
in Crown of Engine Room	74.79
ster Tonnage	848.61
cut on Beam ...	

ONE OR TWO DECKED VESSEL.

CLASS *100A1.*

FEET.

Half Breadth (moulded)	14.91
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	19.25
Girth of Half Midship Frame (as per Rule)	33.45
1st Number	70.91
Length on deck from after part of stem to fore part of stern post	263.59
2nd Number	186.91
Proportions—Breadths to Length	7.30
Depths to Length—Main Deck to top of Keel	13.40
Destined Voyage <i>Hamburg</i>	

If Surveyed while Building, Afloat, or in Dry Dock

Length on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid	<i>Swo.</i>
Rule	263	7	Moulded	35	10	Top of Floors to top of Main Deck Beams	17	5 1/2	No. of Tiers of Beams	<i>Swo.</i>

Dimensions of Ship per Register, Length, *265-0* breadth, *36-0* depth, *14-45* Moulded Depth, *18* ft. *6* ins. Round of Beam, Actual *9* ins.

FRAMING.						FORGINGS AND CASTINGS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	
AME, Angles, <i>7-E-L</i> Bars, for 1/2 length amidships	5 1/2	3	21	5 1/2	3	KEEL, <i>Barrow</i> Side Plates depth and thickness	11	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2	
Do. for 1/2 at each end	5 1/2	3	18	5 1/2	3	STEM, moulding and thickness	9	9 x 2 3/4	8 x 2 3/4	8 x 2 3/4	8 x 2 3/4	
Do. in way of Double Bottoms at Solid Floors ..	4 1/2	3	16	4 1/2	3	STERN-POST for Rudder do. do.	9	9 x 5 1/2	8 1/2 x 5	8 1/2 x 5	8 1/2 x 5	
Do. in way of Engines and Boilers	4 1/2	3	16	4 1/2	3	MAIN PIECE of Rudder, diameter at head, ...	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	
Do. in way of Frames from centre to centre ..	2 3/4	20	18	2 3/4	20	do. at heel	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	
VERSED FRAME, Angles	3	3	16	3	3	RUDDER, how constructed <i>Forged iron frame. Single plate 3/8"</i>						
EP FRAMING, depth of girder	7			7		Can the Rudder be unshipped afloat? <i>Yes.</i>						
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	2 1/2	21	2 1/2	18	16	KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	
Do. in way of Engines and Boilers	2 1/2	21	2 1/2	18	16	CENTRE LINE KEELSON, Vertical Plate above Floors, Through Plate, or Intercoastal Plate	33	18	33	16	16	
Do. thickness at the ends of vessel	16			14		do. Rider Plate	24	21	24	18	18	
Do. depth at 1/2 the half breadth, as per Rule ..	16			14		do. Bulb Plate to Intercoastal Keelson						
Do. height extended at the Bilges	16			14		do. Horizontal Plates on Floors						
DOORS & BRACKETS, in <i>Double Bottoms</i>	2 1/2	21	2 1/2	18	16	do. Angles <i>Double angle on top.</i>	4 1/2	4 1/2	21	4 1/2	4 1/2	
Do. state if flanged (top & bottom)	No			14		SIDE KEELSON, Angles. <i>Single angle.</i>	3 1/2	3 1/2	18	3 1/2	3 1/2	
Do. Spacing <i>As plan.</i>	23	20	23	20	16	do. Bulb Plate above floors for <i>Boiler</i> Ing.	16	21	18	18	18	
NTRE GIRDER, in Double Bottom, depth and thickness	4 1/2	4 1/2	23	4 1/2	20	do. Intercoastal Plate for <i>Boiler</i> space length	3	3	16	3	14	
Do. Single Angle, Top	4 1/2	4 1/2	23	4 1/2	20	do. Attached to outside plating with Angle ..	3	3	16	3	14	
Do. Bottom	4 1/2	4 1/2	23	4 1/2	20	BILGE KEELSON, Angles	5 1/2	4	21	5 1/2	4	
DE GIRDERS, number on each side & thickness	3	14	3	12		do. Bulb or Plate above floors for Ing.						
Do. state if flanged (top & bottom)	No			14		do. Intercoastal Plate for <i>Boiler</i> space length						
Do. Angles <i>Top 2 x 3 x 3/4. Bottom</i> ..	5	3	16	5	3	do. Attached to outside plating with Angle ..	3 1/2	3 1/2	16	3 1/2	3 1/2	
RGIN PLATE, depth (exclusive of flange) and thickness	33	16	33	14		BILGE STRINGER Angles	5	3 1/2	21	5	3 1/2	
Do. Angles to Outside Plating	3 1/2	3 1/2	16	3 1/2	3 1/2	do. Bulb Plate for length						
Do. Floors	3	3	16	3	3	do. Intercoastal Plate for <i>full</i> length	10 1/2	9	16	10 1/2	8 1/2	
Do. Height of Floors at the Bilges	51		51			do. Attached to outside plating with Angle ..	3 1/2	3 1/2	16	3 1/2	3 1/2	
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35	18	35	16		SIDE STRINGER Angles	5	3 1/2	21	5	3 1/2	
Do. thickness in Engine and Boiler space		40		40		do. Bulb or Intercoastal Plate for <i>1/2</i> hold Ing.	10 1/2	9	16	10 1/2	8 1/2	
Do. Remainder in Holds	14	16	12	14		do. Attached to outside plating with Angle ..	3 1/2	3 1/2	16	3 1/2	3 1/2	
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	23	8	5	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	43	23	43	23	23	
Do. Angles on Upper Edge						do. Angle on ditto <i>(In section 1/4 x 1/4 x 2 1/4)</i>	4 1/2 x 4 1/2	21	4 1/2 x 4 1/2	18	18	
Do. Spacing	46		46			do. Tie Plates, outside Hatchways						
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	25	8	5	do. Diagonal Tie Plates on Bms., No. of Pairs						
Do. Angles on Upper Edge						do. Main Dk* <i>Iron or Steel</i> for <i>full</i> Ing.						
Do. Spacing	46		46			do. R. Q. Dk* <i>Iron or Steel</i> for Ing.						
AMS, Hold, Plate or Tee Bulb						do. Wood Deck, Material & thickness <i>P. Pine</i>	4-3 1/2 x 3		<i>As plan.</i>			
Do. Angles on Upper Edge						Lower Deck Stringer Plate, breadth and thickness	33	21	33	18	18	
Do. Spacing						do. Angles on ditto, No. 2	4 x 4	21	4 x 4	18	18	
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>2 Rows of pillars.</i> ..	7	3	18	6 1/2	3	do. Tie Plates, outside Hatchways	13	23	13	20	20	
Do. Angles on Upper Edge						do. Deck* Material and thickness <i>Red wood</i>	3		3			
Do. Spacing	46		46			HOLD STRINGER Plate						
AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb ..	7	3	21	7	3	do. Angles on ditto, No.						
Do. Angles on Upper Edge						Poop Deck Stringer Plate, breadth & thickness	26	16	26	16	16	
Do. Spacing	46		46			do. Angle on ditto	3 1/2 x 3 1/2	14	3 1/2 x 3 1/2	14	14	
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>2 Rows of pillars.</i>	7	3	21	7 1/2	3	do. Tie Plates	15	12	15	12	12	
Do. Angles on Upper Edge						do. Deck, Material and thickness <i>P. Pine</i>	3		3			
Do. Spacing	40	36	40	36		Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	38	21	38	18	18	
CLARS, In 'tween Decks, Size and Spacing	2 1/2	46	2 1/2	46		do. Angle on ditto	4 1/2 x 4 1/2	21	4 1/2 x 4 1/2	18	18	
Do. Hold <i>Under deck</i>	3 1/2	46	3 1/2	46		do. Tie Plates <i>Deck plating.</i>						
Do. Quarter, 'tween Dks., " " " "	3 1/2	46	3 1/2	46		do. Deck, Material and thickness <i>P. Pine</i>	3		3			
Do. in Hold <i>Under deck</i>	4					Forecastle Deck Stringer Plate, brdth & thcknss	26	16	26	14	14	
EB FRAMES, In Fore Body, No. and Spacing						do. Angle on ditto	3 1/2 x 3 1/2	16	3 1/2 x 3 1/2	16	16	
Do. No. of Side Stringers						do. Tie Plates <i>(A considerable part of the deck & plating held)</i>	11	16	11	14	14	
WEB FRAMES, In E. & B. Space, No. & Spacing						do. Deck, Material and thickness <i>P. Pine</i>	3		3			
Do. Brdth. & Thickness						BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up	
WEB FRAMES, In After Body, No. and Spacing						In Vessel.	Per Rule.	Horizontal.	Vertical.			
Do. Brdth. & Thickness						Size.	Spacing.	Size.	Spacing.			
Do. No. of Side Stringers						Inches.	Inches.	Inches.	Inches.			
Do. Size of Angles or Tee Bars to Web Frames						W.T. BULKHEADS	5	5	7	4 1/2 x 3 x 5/20	48	30
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						PARTITION "						
						LONGITUDINAL "						

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