

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

IRON OR STEEL STEAMER.

No. 23281

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *1st January 1911*

Received at London Office *SAT. 1 JAN. 1911*

Date, First Survey *Mar. 3rd*

Port of Hull

Last Survey *Dec. 30th*

1910

Rig *Schooner*

Survey held at *Boole*

On the *Steel Deck Steamer "TRENT."*

TONNAGE under
Tonnage Deck... *379.51*

Do. of Poop *6.9.15*

Do. of Raised Qr. *1.9.52*

Do. of Bridge House *1.3.94*

Do. of Forecastle *6.0.5*

Do. of Houses on Deck *2.2.26*

Do. of excess of Hatchways *1.9.64*

Do. above Crown of *530.10*

Engine Room... *30.12*

Crew Space *1.9.67*

above Crown of *480.31*

Engine Room... *229.31*

Navigation Spaces *3.1.78*

... *1.9.67*

Register Tonnage *239.89*

cut on Beam

ONE OR TWO DECKED VESSEL.
CLASS **100A1.*

FEET.

Half Breadth (moulded) *13-00*

Depth from upper part of Keel to top of Main Deck Bms. *13-92*

Girth of Half Midship Frame (as per Rule) *24-50*

1st Number *51-42*

Length on deck from after part of stem to fore part of stern post *163-92*

2nd Number *8428*

Proportions—Breadths to Length *6-30*

Depths to Length—Main Deck to top of Keel *11-77*

Destined Voyage *Richmond*

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

Master *J.S. Burnett*

Year of appointment

(1) As master in service of owner of present vessel—1908
(2) As master of this vessel—1910

Built at *Boole*

When built *1910*

Launched *4th Nov^r*

By whom built *Boole Shipbuilding & Repairing Co. Ltd.*

Owners *C.P. Hutchinson*

Managers

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

Residence *Hull*

Port belonging to *Hull*

LENGTH on Deck as per Rule *163* Feet. *11* Inches. BREADTH—Moulded *26* Feet. *0* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *12* Feet. *8 1/2* Inches. No. of Decks with Flat laid *One* No. of Tiers of Beams *One*

Dimensions of Ship per Register, Length, *165-2* breadth, *26-1* depth, *12-65* Moulded Depth, *13* ft. *5* ins. Round of Beam, Actual *6 1/2* ins.

FRAMING.

Inches in Ship. Inches in Ship. 20ths in Ship. Inches per Rule Or as Approved. Inches per Rule Or as Approved.

NAME, Angles, *7, E or L* Bars, for $\frac{1}{2}$ length amidships *4 1/2* 3 8 *4 1/2* 3 8

Do. for $\frac{1}{2}$ at each end *4 1/2* 3 7 *4 1/2* 3 7

Do. in way of Double Bottoms at Solid Floors *4 1/2* 3 9 *4 1/2* 3 9

Do. at intermdt. Bkts *4 1/2* 3 8 *4 1/2* 3 8

Being of Frames from centre to centre *21* *21*

Reversed Frame, Angles *2 1/2* *2 1/2* *5* *2 1/2* *2 1/2* *5*

DEEP FRAMING, depth of girder *4 1/2* *4 1/2*

DOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships *15* *6* *15* *6*

Do. in way of Engines and Boilers *E 7. B 5* *7.5*

Do. thickness at the ends of vessel *5* *5*

Do. depth at $\frac{1}{2}$ the half breadth, as per Rule *Straight across*

Do. height extended at the Bilges *plan*

DOORS & BRACKETS, in Cell Dble Bottoms *15* *6* *15* *6*

Do. state if flanged (top & bottom) *No*

Do. Spacing *21* *21*

CENTRE GIRDER, in Double Bottom, depth and thickness *36* *8* *36* *8*

Do. Angles, Top *3 1/2* *3* *6* *3 1/2* *3* *6*

Do. Bottom *3 1/2* *3* *6* *3 1/2* *3* *6*

DE GIRDERS, number on each side & thickness *2* *6* *2* *6*

Do. state if flanged (top & bottom) *No*

Do. Angles *3* *2 1/2* *6* *3* *2 1/2* *6*

MARGIN PLATE, depth (exclusive of flange) and thickness *30* *6* *30* *6*

Do. Angles to Outside Plating *3* *3* *7* *3* *3* *7*

Do. Floors *3* *3* *6* *3* *3* *6*

Do. Height of Floors at the Bilges *16* *16*

OVER BOTTOM PLATING, breadth and thickness of Middle Line Strake *54* *6* *54* *6*

Do. thickness in Engine and Boiler space *✓*

Do. Remainder in Holds *6* *6*

AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *5* *3* *6* *5* *3* *6*

Do. Angles on Upper Edge *✓*

Do. Spacing *21* *21*

AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *✓*

Do. Angles on Upper Edge *✓*

Do. Spacing *✓*

AMS, Hold, Plate or Tee Bulb *✓*

Do. Angles on Upper Edge *✓*

Do. Spacing *✓*

AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb *✓*

Do. Angles on Upper Edge *✓*

Do. Spacing *✓*

AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb *4 1/2* *3* *7* *4 1/2* *3* *7*

Do. Angles on Upper Edge *✓*

Do. Spacing *42* *42*

AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb *5* *3* *7* *5* *3* *7*

Do. Angles on Upper Edge *✓*

Do. Spacing *42* *42*

PILLARS, In 'tween Decks, Size and Spacing *2 1/2* *42* *2 1/2* *42*

Do. Hold *✓*

Do. Quarter, 'tween Dks., *✓*

Do. in Hold *✓*

WEB FRAMES, In Fore Body, No. and Spacing *✓*

Do. Brdth. & Thickness *✓*

Do. No. of Side Stringers *✓*

WEB FRAMES, In E. & B. Space, No. & Spacing *✓*

Do. Brdth. & Thickness *✓*

WEB FRAMES, In After Body, No. and Spacing *✓*

Do. Brdth. & Thickness *✓*

Do. No. of Side Stringers *✓*

Do. Size of Angles or Tee Bars to Web Frames *✓*

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness *✓*

FORGINGS AND CASTINGS.

Inches in Ship. Inches per Rule. Or as Approved.

KEEL, Bar or Side Plates depth and thickness *Flat plate keel*

STEM, moulding and thickness *6 1/2 x 1 1/2* *6 1/2 x 1 1/2*

STERN-POST for Rudder do. do. *6 1/2 x 3 1/2* *6 1/2 x 3 1/2*

for Propeller *5 1/2* *5 1/2*

MAIN PIECE of Rudder, diameter at head *4 x 3* *4 x 3*

do. at heel *4 x 3* *4 x 3*

RUDDER, how constructed *Forged iron frame, 2 plates 7/20*

Can the Rudder be unshipped afloat? *Yes*

KEELSONS AND STRINGERS.

Inches in Ship. Inches in Ship. 20ths in Ship. Inches per Rule Or as Approved. Inches per Rule Or as Approved.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate *2 1/2* *8* *2 1/2* *8*

Do. Rider Plate *4 1/2* *9* *4 1/2* *9*

Do. Bulb Plate to Intercoastal Keelson *✓*

Do. Horizontal Plates on Floors *12* *8* *12* *8*

Do. Angles *3 1/2* *3* *6* *3 1/2* *3* *6*

SIDE KEELSON, Angles *✓*

Do. Bulb or Plate above floors for lng. *✓*

Do. Intercoastal Plate for $\frac{1}{2}$ length *5* *5*

Do. Attached to outside plating with Angle *3* *3* *6* *3* *3* *6*

BILGE KEELSON, Angles *3 1/2* *3* *6* *3 1/2* *3* *6*

Do. Bulb or Plate above floors for $\frac{1}{2}$ lng. *6* *6* *6* *6*

Do. Intercoastal Plate for length *✓*

Do. Attached to outside plating with Angle *✓*

BILGE STRINGER Angles *3 1/2* *3* *6* *3 1/2* *3* *6*

Do. Bulb Plate for R.Q.Dk. length *5* *3* *7* *5* *3* *7*

Do. Intercoastal Plate for R.Q.Dk. length *7 1/2* *6* *7 1/2* *6*

Do. Attached to outside plating with Angle *3 1/2* *3* *6* *3 1/2* *3* *6*

SIDE STRINGER Angles *3 1/2* *3* *6* *3 1/2* *3* *6*

Do. Bulb or Intercoastal Plate for lng. *6* *6* *6* *6*

Do. Attached to outside plating with Angle *✓*

Main and Raised Quarter Deck Stringer Plate, breadth and thickness *68* *7* *68* *7*

Do. Angle on ditto *3 x 3* *7* *3 x 3* *7*

Do. Tie Plates, outside Hatchways *✓*

Do. Diagonal Tie Plates on Bms., No. of Pairs *✓*

Do. Main Dk* Iron or Steel for full lng. *6* *6*

Do. R. Q. Dk* Iron or Steel for full lng. *6* *6*

Do. Wood Deck, Material & thickness *✓*

Lower Deck Stringer Plate, breadth and thickness *✓*

Do. Angles on ditto, No. *✓*

Do. Tie Plates, outside Hatchways *✓*

Do. Deck* Material and thickness *✓*

Hold Stringer Plate *✓*

Do. Angles on ditto, No. *✓*

Poop Deck Stringer Plate, breadth & thickness *✓*

Do. Angle on ditto *✓*

Do. Tie Plates *✓*

Do. Deck, Material and thickness *✓*

Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness *27* *5* *27* *5*

Do. Angle on ditto *3 x 3* *6* *3 x 3* *6*

Do. Tie Plates *6* *6* *6* *6*

Do. Deck, Material and thickness *P. Pine* *2 1/2* *2 1/2*

Forecastle Deck Stringer Plate, brdth & thcknss *24* *5* *24* *5*

Do. Angle on ditto *3 x 3* *6* *3 x 3* *6*

Do. Tie Plates *54* *6* *54* *6*

Do. Deck, Material and thickness *P. Pine* *2 1/2* *2 1/2*

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

BULKHEADS.

Number. In Vessel. Per Rule. Thickness.

W.T. BULKHEADS *4* *4* *6*

PARTITION *✓*

LONGITUDINAL *✓*

STIFFENERS.

Horizontal. Vertical. Single or Double Frames. Height up.

Size. Spacing. Size. Spacing. Inches. Inches. Inches. Inches.

W.T. BULKHEADS *4* *4* *6* *3 x 3 x 2* *48* *30* *Single Dk*

PARTITION *✓*

LONGITUDINAL *✓*

Are the outside Plates doubled two spaces of Frames in length? *Diamond plate fitted*
Are the Stave Valves and Watertight Doors in efficient working order? *Yes*

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.				IF LAPPED.				
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		STRAPS.		IF LAPPED.						
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.					
FLAT PLATE KEEL	31	12	10	10	31	12	Double	5 1/2	3 1/2	3 1/2	3 1/2	16 1/2	14	1/2					
GARBOARD or A STRAKE	27	9	8	8	27	9		4 1/2	3 1/2	3 1/2	3 1/2	16 1/2	14	1/2					
State actual thickness in way of Double Bottom.																			
B																			
C																			
D																			
E																			
F																			
G	35	13	8	8	33	13													
H																			
J																			
K																			
L																			
M																			
N																			
O																			
P																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Mild Steel.*

Consett, South Durham, Gradingham.

John Hill.

Has the Steel been tested as required by the Rules *Yes.*

FRAMES extend in one length from *Keel to gunwale.* state if ordinary or joggled *Ordinary.*

REVERSED FRAMES on floors and frames extend from *center to bulge stringer (single angle frames).* state if ordinary or joggled *Ordinary.*

MASTS, SPARS, &c.										
	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	
LOWER MASTS...										
Fore	P.Pine	35.0	15							
Main	P.Pine	39.0	15							
Mizen	P.Pine	39.0	15							
Bowsprit										
Topmasts, Yards and Remainder of Spars	<i>Pitch Pine.</i>									
Rigging, Material and Size, Shrouds	<i>Best iron 3"</i>									
Sails.	<i>One</i>									

ANCHORS.															
Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.				lbs.	
36740	1st Bower	12	3	0	12	3	0	14	10	2	14	12	2	0	3. Taylor & Son L.P.H.T. 23.9.10, Penins.
36769	2nd "	12	2	24	12	2	24	14	10	2	14	12	2	0	3. Taylor & Son L.P.H.T. 23.9.10, Penins.
36771	3rd "	10	2	24	10	2	24	12	13	0	14	10	2	0	3. Taylor & Son L.P.H.T. 23.9.10, Penins.
	Collective weight	36	0	20	36	0	20	35	2	0					
36546	Stream	4	0	3	4	0	3	6	7	2	0	4	0	0	3. Taylor & Son L.P.H.T. 23.9.10, Penins.
36547	Kedge	1	3	7	1	3	7	4	4	1	14	1	3	0	3. Taylor & Son L.P.H.T. 23.9.10, Penins.

CHAIN CABLES.											
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length & Size per Table 22.			Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.	Per Table 22.	Length.	Diam.	Length.			
34558	195 1 1/2	22 3/4	34 3/4	128.0	23	126.1	10	195 1 1/2	Link	3. Taylor & Son L.P.H.T. 23.9.10, Penins.	
	Chir.										
	60 2 3/4	15 1/2						60 2 3/4			

Boats *Two Lifeboats*

Pumps, Number *Five* Diameter of Barrel *4 1/2* State whether they are in efficient working order *Yes.*

Windlass is *Emerson Walker & Thompson Press* Capstan *✓*

Engine Room Skylights.—How constructed? *By Deck.*

What arrangements for deadlights in bad weather? *Seal flaps and hulls up.* Battened down

Coal Bunker Openings.—How constructed? *Plates and angles and* How are lids secured? *and secured* Height above deck? *9.2" and flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *9 Scuppers, 3 Ports 29 x 19, 3 Ports 28 x 15*

Ceiling in Holds, thickness and material *2 1/2 Pine* Cargo Battens, thickness and material *2 Pine*

Cargo Hatchways.—How formed? *Plates and angles* Hatches.—If strong and efficient? *Yes.* 2 1/2

State size No. 1 Hatch (Forward) *29.9 x 14.0* No. 2 Hatch *22.9 x 14.0* No. 3 Hatch *No. 4 Hatch*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Two web plates and three fore and afters in each hatch*

No. of Breasthooks *Four* No. of Crutches *14* Dep. floor

Bulwarks, height above deck and description *3.9 x 7.2* Main Rail and Stays, material and size *5 1/2 x 3 x 3/8 steel B.F.*

The above is a correct description *✓* Surveyor's Signature *Allison B. Wilson*

Builder's Signature (here only) *A. J. Hill* Surveyor to Lloyd's Register of British and Foreign Shipping

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case).

(M) 2.1.2.10, 2.3.2.10, 2.4.4.10, 1.3.12.10 (fulm.) (E) 1.5.1.10.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed.*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Yes* State results of tests *Satisfactory.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes* State results of tests *Satisfactory.*

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans. The Secretary's letters of the above date, and in general conformity to the Rules for the class contemplated.

Accompanying this Report, Plans of Midship Section, Profile and Deck, and Report on Ships Girders

This is a Sister Vessel to the "Day I." Hull Report No. 20330.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *34.5* ft., Bridge Dk. *14.0* ft., Forecastle *23.5* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated *Yes*

R.Q.D. is joined to the Bridge

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. (all) 11 B.*

Official No. *132211*; Signal Letters *✓* State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint* Outside *Paint.*

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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	31.5	33.25	Fore peak tank,		37
Double bottom, under Engines and Boilers,			After peak tank,		16
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,	14.0	26.00	Other tanks, if fitted,		

Total capacity of double bottom *59.25* (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.*

Equipment No. *9431* Letter *K* Tonnage U.Dk. or Plating No. for Trawlers *✓*

Number of Certificate. Anchors. Weight, Ex Stock. Weight of Stock. Test, per Certificate. Description of Anchor. Makers. Where and when tested and Superintendent.

36740 1st Bower 12 3 0 12 3 0 14 10 2 14 12 2 0 3. Taylor & Son L.P.H.T. 23.9.10, Penins.

36769 2nd " 12 2 24 12 2 24 14 10 2 14 12 2 0 3. Taylor & Son L.P.H.T. 23.9.10, Penins.

36771 3rd " 10 2 24 10 2 24 12 13 0 14 10 2 0 3. Taylor & Son L.P.H.T. 23.9.10, Penins.

Collective weight 36 0 20 35 2 0

36546 Stream 4 0 3 4 0 3 6 7 2 0 4 0 0 3. Taylor & Son L.P.H.T. 23.9.10, Penins.

36547 Kedge 1 3 7 1 3 7 4 4 1 14 1 3 0 3. Taylor & Son L.P.H.T. 23.9.10, Penins.

Order for Special Survey No. *1822*

Date *28/2/10*

No. *132* in builder's yard.

DATE OF SURVEY held while building

1910: Mar. 3, Apr. 20, 21, 25, 29, May 2, 3, 5, 10, 13, 21, 26, Jun. 2, 3, 16, 20, 23, 27, July 1, 4, 7, 12, 13, 14, Aug. 4, 5, 11, 15, 18, 24, 26, 29, Sep. 6, 12, 15, 20, 22, Oct. 6, 17, 21, 24, 26, Nov. 2, 8, 17, 25, Dec. 9, 15, 16, 30.

Total No. of Visits *50*

The amount of Entry Fee *£ 2 : 0 : 0* Fees applied for, *6.1.1911*

Special *£ 24 : 0 : 0* Received by me, *14/11/1911*

Travelling Expenses, if any *£ 2 : 5 : 0*

State whether the Vessel has been built under Special Survey *Yes*

Am of opinion this Vessel should be Classed *100 A1*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *TUE. 10 JAN 1911*

Character assigned *100 A1*

Lloyd's 190 P.

W.

4.12.10

Allison B. Wilson

Surveyor to Lloyd's Register of British and Foreign Shipping