

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
Date of completion of Report *Dec. 1905*
Date, First Survey *March 23rd* Last Survey *Dec. 7th* 1905

No. *17345*

Received at London *Dec. 12 1905*

Survey held at *Boole*

On the *Steel Steamer* "THAMES."

"THAMES."

Rig *Schooner*

Master *James Taylor*

Year of appointment (1) As master in service of
owner of present vessel: 1905
(2) As master of this
vessel: 1905

Built at *Boole*

When built 1905 Launched 30th Sept.

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

Owners *E. P. Hutchinson*

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

Residence *Hull*

Port belonging to *Hull*

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

TONNAGE under	225.80
Tonnage Deck...	
Do. of Poop	
Do. of Raised Qr.	23.90
Dk. or Break.	
Do. of Bridge House	
Do. of Forecastle	8.58
Do. of Houses on Deck	13.29
Do. of excess of Hatchways	13.87
Do. above Crown of	24.37
Engine Room	
Gross Tonnage	309.81
Less Crew Space	21.64
Less above Crown of	24.37
Engine Room	
TONNAGE FOR FEES	263.80
Less Engine Room	175.81
Less Navigation Spaces	13.53
Less Survey of Hull	24.37
Register Tonnage	98.83
as cut on Beam	

ONE OR TWO DECKED VESSEL.

CLASS *100 A1.*

Half Breadth (moulded)	11.50
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	11.00
Girth of Half Midship Frame (as per Rule)	19.50
1st Number	42.00
Length on deck from after part of stem to fore part of stern post	142.00
2nd Number	5964
Proportions Breadths to Length	6.17
Depths to Length—Main Deck to top of Keel	12.91
Destined Voyage	<input checked="" type="checkbox"/>

LENGTH on Deck as per Rule.....	Feet. 142	Inches. 0	BREADTH— Moulded.....	Feet. 23	Inches. 0	DEPTH, ACTUAL— Top of Floors to top of Main Deck Beams	Feet. 9	Inches. 8	No. of Decks with Flat laid One	No. of Tiers of Beams One
Dimensions of Ship per Register, Length, 143.0 breadth, 23.15 depth, 9.55 . Moulded Depth, 10 ft. 6 ins. Round of Beam, Actual 6 ins.										

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	Inches 20ths in Ship.		Inches in Ship.	Inches per Rule.	Inches per Rule.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	4	3	8	KEEL, Bar or Side Plates depth and thickness	<i>Flat plate 1/2 in.</i>		
Do. for $\frac{1}{2}$ at each end	4	3	7	STEM, moulding and thickness	<i>6 x 1 1/2</i>		
Do. in way of Double Bottoms at Solid Floors				STERN-POST for Rudder do. do.	<i>6 x 3</i>		
" " at intermdt. Bkts.				" for Propeller	<i>4</i>		
Spacing of Frames from centre to centre	21		21	MAIN PIECE of Rudder, diameter at head	<i>3 x 2 1/2</i>		
REVERSED FRAME, Angles <i>(On floors only)</i>	2 1/2	2 1/2	5	do. at heel	<i>2 1/2 x 2 1/2</i>		
DEEP FRAMING, depth of girder <i>(Single Angle)</i>	<i>4</i>		<i>4</i>	RUDDER, how constructed <i>Forged iron frame, plated.</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16		16	Can the Rudder be unshipped afloat? <i>Yes</i>			
" in way of Engines and Boilers	<i>E</i>	7.13	<i>8</i>				
" thickness at the ends of vessel		<i>5</i>	<i>5</i>				
" depth at $\frac{1}{2}$ the half breadth, as per Rule				KEELSONS AND STRINGERS.			
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	20 1/2	7	20 1/2
" state if flanged (top & bottom)				" Rider Plate			
" Spacing				" Bulb Plate to Intercoastal Keelson			
CENTRE GIRDER, in Double Bottom, depth and thickness				" Horizontal Plates on Floors <i>(Jaws)</i>	10 1/2	7	10 1/2
" Angles, Top				" Angles	4	3	6
" Bottom				SIDE KEELSON, Angles <i>(One)</i>	3	3	6
SIDE GIRDERS, number on each side & thickness				" Bulb or Plate above floors for lng.			
" state if flanged (top & bottom)				" Intercoastal Plate for lng.	5		5
" Angles				" Attached to outside plating with Angle	3	3	6
MARGIN PLATE, depth (exclusive of flange) and thickness				BILGE KEELSON, Angles <i>(One)</i>	5	4	8
" Angles to Outside Plating				" Bulb or Plate above floors for $\frac{2}{3}$ lng.	6	6	6
" Floors				" Intercoastal Plate for length			
" Height of Floors at the Bilges				" Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				BILGE STRINGER Angles			
" thickness in Engine and Boiler space				" Bulb Plate for length			
" Remainder in Holds				" Intercoastal Plate for length			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4	2 1/2	6	" Attached to outside plating with Angle			
" Angles on Upper Edge				SIDE STRINGER Angles <i>(One)</i>	5	4	8
" Spacing				" Bulb or Intercoastal Plate for lng.			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" Angles on Upper Edge							
" Spacing				Main and Raised Quarter Deck Stringer Plate, breadth and thickness			
BEAMS, Hold, Plate or Tee Bulb				" Angle on ditto	3 x 3	6	3 x 3
" Angles on Upper Edge				" Tie Plates, outside Hatchways			
" Spacing				" Diagonal Tie Plates on Bms., No. of Pairs			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Main Dk* Iron or Steel for full lng.		8.6	8.6
" Angles on Upper Edge				" R. Q. Dk* Iron or Steel for full lng.		8.5	8.5
" Spacing				" Wood Deck, Material & thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				Lower Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge				" Angles on ditto, No.			
" Spacing				" Tie Plates, outside Hatchways			
PILLARS, In 'tween Decks, Size and Spacing				" Deck* Material and thickness			
" Hold	2 3/8	42	2 3/8	Hold Stringer Plate			
" Quarter, 'tween Dks., "				" Angles on ditto, No.			
" in Hold				Poop Deck Stringer Plate, breadth & thickness			
WEB FRAMES, In Fore Body, No. and Spacing	3	14	6	" Angle on ditto			
" Brdth. & Thickness				" Tie Plates			
WEB FRAMES, In E. & B. Space, No. & Spacing				" Deck, Material and thickness			
" Brdth. & Thickness				Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness			
WEB FRAMES, In After Body, No. and Spacing				" Angle on ditto			
" Brdth. & Thickness				" Tie Plates			
" No. of Side Stringers				" Deck, Material and thickness			
" Size of Angles or Tee Bars to Web Frames	4 1/2	3	7	Forecastle Deck Stringer Plate, brdth & thcknss	17	5	17
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				" Angle on ditto	3 x 3	6	3 x 3
				" Tie Plates <i>(In centre)</i>	48	5	48
				" Deck, Material and thickness	2 1/2		2 1/2

BULKHEADS.				STIFFENERS.			
In Vessel.	Per Rule.	Thickness.		Horizontal.	Vertical.	Single or Double Frames.	Height up.
		16ths or 20ths.		Size.	Spacing.	Size.	Spacing.
W.T. BULKHEADS	3	3	5	3 x 2 1/2	5	48	30
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? *Diamond plate fitted*
Are the Sluice Valves and Watertight Doors in efficient working order? *None*

11787-0062/2

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Ordinary		RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAFS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.	
																			Inches.
FLAT PLATE KEEL	31	9	9	9	31	9													
(If Bar Keel, state Riveting)																			
GARBOARD or A Strake ...	31	8	8	8	31	8	Double	4 1/2	2 1/4	3		T full	2 1/2	2 1/2	14 1/2	10	7 1/2	Full	
B " "		7	6	6		7	"	"	"	"	"	"	"	"	"	"	"	"	
C " "		7	5	5		7	"	"	"	"	"	"	"	"	"	"	"	"	
way of Double Bottom.		8	6	6		8	"	"	"	"	"	"	"	"	"	"	"	"	
D " "		6	5	5		6	Singer	2 1/2	"	"	"	"	"	"	"	"	"	"	
E " "							Double	4 1/2	"	"	"	"	"	"	"	"	"	"	
F " "	32	10	7	7	31	10													
G " "																			
H " "																			
J " "																			
K " "																			
L " "																			
M " "																			
N " "																			
O " "																			
P " "																			
DOUBLING of Flat Plate Keel																			
Length of Bilges																			
Length and thickness of Sheerstrakes.																			
of Strake below																			
POOP SIDES																			
RAISED QUARTER DEK. SIDES		9-6		5															
BRIDGE SIDES																			
FORECASTLE SIDES				5															
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*
Bradford & South Durham & S.C. Co. Const.

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

Main Stringer Plate *Butts, riveted for full length amidship.*
Straps, single, double or overlapped for full length amidship.
 Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *T.D.*
 Inner Bottom Plating, riveting of Edges *Butts*
 Centre Girder Butts, *Butts*
 Frames, riveted through Plates with *3/4* in. Rivets, about *5* apart.
 Rivets, state whether of Iron or Steel *Iron.*

FRAMES extend in one length from *Keel* to *gunwale* state if ordinary or joggled *Ordinary*
 REVERSED FRAMES on floors and frames extend from *bilge to bilge on top of floor* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.																	
LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANCHORS.		RIVETING.							
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.						
Fore	P. Pine	29-0	13														
Main	"	41-0	13														
Mizen	"	21-0	10 1/2														
Bowsprit ✓																	
Topmasts, Yards and Remainder of Spars																	
Rigging, Material and Size, Shrouds																	
Sails.	One	Suit of															

Equipment No. 6322 Letter e.												Tonnage U.Dk. or Plating No. for Travellers											
New Table												ANCHORS.											
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.							
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.						
25140	1st Bower	8	1	4	Stockless	10	7	2	0	8	1	0	Parker's	H.P. Parker & Co.	L.P.H. Sipton, 10-7-05. Penins.								
25141	2nd "	8	1	0	"	10	7	2	0	8	0	0	"	"	"								
24450	3rd "	2	3	4	"	5	5	0	0				Ordinary	"	29-4-05								
	Collective weight	16	2	4						16	1	0											
27550	Stream	2	3	4	- 2 24	5	5	0	0	2	3	0	Ordinary	H.P. Parker & Co.	L.P.H. Sipton, 29-4-05. Penins.								
	Kedge	1	0	0						1	0	0	"	"	"								
+ The Red Tables on these cast steel anchor heads are vouched for by A. Campbell.																							

CHAIN CABLES.												HAWSERS AND WARPS.											
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.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 22.						
	Length.	Diam.	Stattu- tory.	Break- ing Tons.	Supplied.	Per Table 22.	Length.	Diam.					Fathoms.	Inch.	Fathoms.	Inch.	Fathoms.	Tons.	Fathoms.	Inch.			
25798	165	15	16	15	23	75	0	11	14	1	26	16	5	15	75	2	12	75	2				
From Steam Chain Steel Wire.....	45	2	4		9	1																	

Boats *Two Lifeboats*
 Pumps, Number *Three* Diameter of Barrel *4 1/2* State whether they are in efficient working order *Yes*
 Windlass is by *Hammilla Grow* Capstan *✓*
 Engine Room Skylights.—How constructed? *Teak*
 What arrangements for deadlights in bad weather? *Teak flaps and bullseyes.*
 Coal Bunker Openings.—How constructed? *Plates & angles* How are lids secured? *Battened down* Height above deck? *4-1 1/2*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 6 Scuppers, 3 Ports 27" x 17", 2 Ports 27" 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.*
 State size No. 1 Hatch (Forward) *45-6 x 12-0* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Four web plates, three fore and afters.*
 No. of Breasthooks *Four* No. of Crutches *1 & deep floor*
 Bulwarks, height above deck and description *3-0, 7 1/2" steel.* Main Rail and Stays, material and size *5 x 2 1/2" steel rail*
 The above is a correct description. *for the Goods Shipping & Trading Co. Ltd.* Surveyor's Signature *Allison B. Wilson*
 Builder's Signature *Harbert F. Craggs* 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 14-2-05, 3-11-05. 27-9-05.

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 dates, and in general conformity to the Rules for the class contemplated.
 Accompanying this Report:—Plans of Midship Section, Profile and Decks, Pumping Arrangements, and report on ships joining

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 *57.75* ft., Bridge Dk. *✓* ft., F'castle *20-0* 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 *✓*
 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)*
 Official No. *121086*; Signal Letters. State if Machinery is fitted aft *Yes*
 How are the surfaces preserved from oxidation? Inside *Portland cement and 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.	Water Capacity.	Where fitted.			Length.	Water Capacity.
			Feet.	Tons.				Feet.	Tons.
Double bottom, aft, ✓					Fore peak tank,				20
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, ✓				
G6 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. *1477*
 Date *28/2/05*
 No. *44* in builder's yard
 DATES OF SURVEYS held while building
1905: Mar. 23. 30 Apr. 6. 10 May 30 June 7. 14. 20. 22. July 1. 6. 18. 21. 24. 28. Aug. 2. 4. 9. 14. 21. 26. 29. Sep. 4. 19. 21. 26. 28 Oct. 3. 9. 17. 19. 24. 26. 31. Nov. 3. Dec. 6. 7.
 Total No. of Visits

The amount of Entry Fee *£ 2 - - -* Fees applied for, *9/12/1905*
 Special *£ 13 - - -* Received by me, *12/12/05*
 Travelling Expenses, if any *£ 2 - - -*
 State whether the Vessel has been built under Special Survey *Yes.*
 I am of opinion this Vessel should be Classed *100A1 Well Deck.*
 With, or without Freeboard, as condition of Class *Without*

Committee's Minute *FRI. 15 DEC 1905*
 Character assigned *100A1*
Lloyds as 6 P + L 12.05
 Surveyor to Lloyd's Register of British and Foreign Shipping. *Allison B. Wilson*