

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

IRON OR STEEL STEAMER.

No. 67,390
THUR. 1 JUN 1905

State of Report is also sent on the Machinery of the Vessel
Date of completion of Report June 12, 1905

Received at London Office
Port of London
Date, First Survey Nov 15/1904 Last Survey May 26 1905

Survey held at
On the STEEL PADDLE STEAMER "BOYDELL"
TONNAGE under 125.70
Do. of Poop
Do. of Raised Qr.
Do. of Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of
Engine Room... 125.70
Gross Tonnage 3.60
Less Crew Space
Less above Crown of
Engine Room... 122.70
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Register Tonnage 57.51
as cut on Beam...

ONE OR TWO DECKED VESSEL.
CLASS 7 Over purposes only.
Half Breadth (moulded) 9.25
Depth from upper part of Keel to top of Main Deck Bms. 7.37
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 15.89
1st Number 32.51
Length on deck from after part of stem to fore part of stern post 129.46
2nd Number 4208.6
Proportions—Breadths to Length 7.0
Depths to Length—Main Deck to top of Keel 17.6

Master George Butler
Year of appointment (1) As master in service of owner of present vessel—1905
(2) As master of this vessel—May 1905
Built at Lanning Town London.
When built 1905. Launched Mar. 20, 1905
By whom built Thomas Ironworks Co
Owners London County Council
Managers (Where necessary to be entered in Reg. Book).
Residence London.
Port belonging to London.

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
129	5	3	18	6	6	10	6	10	one	one

Dimensions of Ship per Register, Length, 129.9 breadth, 18.56 depth, 6.75. Moulded Depth, 7 ft. 0 ins. Round of Beam, Actual 4 1/2 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths or 20ths per Rule
FRAME, Angles, 1" on 1" Bars for 1/2 length amidships	2 1/2	2	5/32	2 1/2	2	5/32
Do. for 1/4 at each end	2 1/2	2	5/32	2 1/2	2	5/32
Do. in way of Double Bottoms at Solid Floors.	2 1/2	2	5/32	2 1/2	2	5/32
Spacing of Frames from centre to centre	24	6	3/32	24	6	3/32
REVERSED FRAME, Angles	2	2	5/32	2	2	5/32
DEEP FRAMING, depth of girder	6	6	3/32	6	6	3/32
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships	6	6	3/32	6	6	3/32
" in way of Engines and Boilers	6	6	3/32	6	6	3/32
" thickness at the ends of vessel	6	6	3/32	6	6	3/32
" depth at 1/4 the half breadth, as per Rule	6	6	3/32	6	6	3/32
" height extended at the Bilges	6	6	3/32	6	6	3/32
FLOORS & BRACKETS, in Cell Dble Bottoms	6	6	3/32	6	6	3/32
" state if flanged (top & bottom)	6	6	3/32	6	6	3/32
CENTRE GIRDER, in Double Bottom, depth and thickness	6	6	3/32	6	6	3/32
" Angles, Top	6	6	3/32	6	6	3/32
" Bottom	6	6	3/32	6	6	3/32
SIDE GIRDERS, number on each side & thickness	6	6	3/32	6	6	3/32
" state if flanged (top & bottom)	6	6	3/32	6	6	3/32
" Angles	6	6	3/32	6	6	3/32
MARGIN PLATE, depth (exclusive of flange) and thickness	6	6	3/32	6	6	3/32
" Angles to Outside Plating	6	6	3/32	6	6	3/32
" Floors	6	6	3/32	6	6	3/32
" Height of Floors at the Bilges	6	6	3/32	6	6	3/32
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6	6	3/32	6	6	3/32
" thickness in Engine and Boiler space	6	6	3/32	6	6	3/32
" Remainder in Holds	6	6	3/32	6	6	3/32
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
BEAMS, Hold, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
BEAMS, Bridge or Pt. Awning Deck, Angle, Bulb Angle, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	3	2	5/32	3	2	5/32
" Angles on Upper Edge	3	2	5/32	3	2	5/32
" Spacing	3	2	5/32	3	2	5/32
PILLARS, In 'tween Decks, Size and Spacing	2	2	5/32	2	2	5/32
" Hold	2	2	5/32	2	2	5/32
" Quarter, 'tween Dks.,	2	2	5/32	2	2	5/32
" in Hold	2	2	5/32	2	2	5/32
WEB FRAMES, In Fore Body, No. and Spacing	6	6	3/32	6	6	3/32
" Brdth. & Thickness	6	6	3/32	6	6	3/32
" No. of Side Stringers	6	6	3/32	6	6	3/32
WEB FRAMES, In E. & B. Space, No. & Spacing	6	6	3/32	6	6	3/32
" Brdth. & Thickness	6	6	3/32	6	6	3/32
WEB FRAMES, In After Body, No. and Spacing	6	6	3/32	6	6	3/32
" Brdth. & Thickness	6	6	3/32	6	6	3/32
" No. of Side Stringers	6	6	3/32	6	6	3/32
" Size of Angles or Tee Bars to Web Frames	6	6	3/32	6	6	3/32
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	6	6	3/32	6	6	3/32

FORGINGS AND CASTINGS.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths or 20ths per Rule
KEEL, Bar or Side Plates depth and thickness	3	3	5/32	3	3	5/32
STEM, moulding and thickness	3	3	5/32	3	3	5/32
STERN-POST for Rudder do. do.	3	3	5/32	3	3	5/32
" for Propeller	3	3	5/32	3	3	5/32
MAIN PIECE of Rudder, diameter at head do. at heel	3	3	5/32	3	3	5/32
RUDDER, how constructed Single plate	3	3	5/32	3	3	5/32
Can the Rudder be unshipped afloat?	3	3	5/32	3	3	5/32
KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths or 20ths per Rule
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	8	8	3/32	8	8	3/32
" Rider Plate	8	8	3/32	8	8	3/32
" Bulb Plate to Intercostal Keelson	8	8	3/32	8	8	3/32
" Horizontal Plates on floors	8	8	3/32	8	8	3/32
" Angles	8	8	3/32	8	8	3/32
SIDE KEELSON, Angles	8	8	3/32	8	8	3/32
" Bulb or Plate above floors for lng.	8	8	3/32	8	8	3/32
" Intercostal Plate for length	8	8	3/32	8	8	3/32
" Attached to outside plating with Angle	8	8	3/32	8	8	3/32
BILGE KEELSON, Angles	8	8	3/32	8	8	3/32
" Bulb or Plate above floors for lng.	8	8	3/32	8	8	3/32
" Intercostal Plate for length	8	8	3/32	8	8	3/32
" Attached to outside plating with Angle	8	8	3/32	8	8	3/32
BILGE STRINGER Angles	8	8	3/32	8	8	3/32
" Bulb Plate for length	8	8	3/32	8	8	3/32
" Intercostal Plate for length	8	8	3/32	8	8	3/32
" Attached to outside plating with Angle	8	8	3/32	8	8	3/32
SIDE STRINGER Angles	8	8	3/32	8	8	3/32
" Bulb or Intercostal Plate for lng.	8	8	3/32	8	8	3/32
" Attached to outside plating with Angle	8	8	3/32	8	8	3/32
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	21	12	7-6	21	12	7-6
" Angle on ditto	21	12	7-6	21	12	7-6
" Tie Plates, outside Hatchways	6	6	3/32	6	6	3/32
" Diagonal Tie Plates on Bms. No. of Pairs	6	6	3/32	6	6	3/32
" Main Dk* Iron or Steel for 1/2 Bms. lng.	6	6	3/32	6	6	3/32
" R. Q. Dk* Iron or Steel for 1/2 Bms. lng.	6	6	3/32	6	6	3/32
" Wood Deck, Material & thickness	6	6	3/32	6	6	3/32
Lower Deck Stringer Plate, breadth and thickness	4	2	1/2	4	2	1/2
" Angles on ditto, No.	4	2	1/2	4	2	1/2
" Tie Plates, outside Hatchways	4	2	1/2	4	2	1/2
" Deck* Material and thickness	4	2	1/2	4	2	1/2
Hold Stringer Plate	4	2	1/2	4	2	1/2
" Angles on ditto, No.	4	2	1/2	4	2	1/2
Poop Deck Stringer Plate, breadth & thickness	4	2	1/2	4	2	1/2
" Angle on ditto	4	2	1/2	4	2	1/2
" Tie Plates	4	2	1/2	4	2	1/2
" Deck, Material and thickness	4	2	1/2	4	2	1/2
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness	4	2	1/2	4	2	1/2
" Angle on ditto	4	2	1/2	4	2	1/2
" Tie Plates	4	2	1/2	4	2	1/2
" Deck, Material and thickness	4	2	1/2	4	2	1/2
Forecastle Deck Stringer Plate, brdth & thcknss	4	2	1/2	4	2	1/2
" Angle on ditto	4	2	1/2	4	2	1/2
" Tie Plates	4	2	1/2	4	2	1/2
" Deck, Material and thickness	4	2	1/2	4	2	1/2

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				RIVETING.				BUTTS.		IF LAPPED.	
	AMIDSHIP.		FORWARD.		AFT.		Ordinary.		Double.		RIVETS.		STRAITS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to or.	Diam.	Spacing or to or.	Breadth.	Thickness.	Breadth.	Thickness.		
FLAT PLATE KEEL (If Bar Keel, state Riveting)	20	5/16	5/16	5/16	20	5/16	Single	2	3/8	2-2 1/2	3/8	1 1/4	7 1/2	7/16	23	5/16		
GARBOARD OF A Strake	40 1/2	5/32	5/32	5/32	40 1/2	5/32	"	1 1/2	3/8	1 1/2-1 3/4	"	1 1/4	1 1/2	5/16	23 1/2	5/16		
B "	4 1/2	"	"	"	4 1/2	5/32	"	"	"	"	"	"	"	"	23 1/2	5/16		
C "	3 1/2	"	"	"	3 1/2	5/32	"	"	"	"	"	"	"	"	23 1/2	5/16		
D "	3 1/2	"	"	"	3 1/2	5/32	"	"	"	"	"	"	"	"	23 1/2	5/16		
E "	3 1/2	9-8/32	6/32	6/32	3 1/2	9-8/32	"	2	3/8	2-2 1/2	"	1 1/4	7 1/2	5/16	23 1/2	5/16		
F "																		
G "																		
H "																		
I "																		
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.?

Robert Stephenson & Co. Limited, Doncaster, Yorkshire.

Has the Steel been tested as required by the Rules?

Yes.

FRAMES extend in one length from *Alley End side to Centre line to deck* state if ordinary or joggled *Yes.*

REVERSED FRAMES on floors and frames extend from *Deck laps on floors as approved* state if ordinary or joggled *Yes.*

MASTS, SPARS, &c.

LOWER MASTS...	Fore	Main	Mizen	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
						At Partners.	Heel.	Hounds.		Heel.	Number.	Size.	Seams.
Bowsprit													
Topmasts, Yards and Remainder of Spars													
Rigging, Material and Size, Shrouds													
Sails.													

Equipment No. Letter

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.			
1st Bower																
2nd "																
3rd "																
Collective weight																
Stream																
Kedge																

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and Size per Table 22.			Description.	Makers of Cables.	Where and when tested and Superintendent.
			Length.	Diam.	Weight.	Length.	Diam.	Weight.			
Iron Chain Cable											
Steel Wire											

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and Size per Table 22.			Description.	Makers of Cables.	Where and when tested and Superintendent.
			Length.	Diam.	Weight.	Length.	Diam.	Weight.			
Iron Chain Cable											
Steel Wire											

Boats. *None*

Pumps, Number *Three* Diameter of Barrel *4"* State whether they are in efficient working order *Yes.*

Windlass is *Hand* **Capstan** *Capstan*

Engine Room Skylights.—How constructed? *Wood frame, iron casing*

What arrangements for deadlights in bad weather? *None*

Coal Bunker Openings.—How constructed? *Cast iron* How are lids secured? *By pins* Height above deck? *Flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *None*

Ceiling in Holds, thickness and material *None*

Cargo Hatchways.—How formed? *None* **Hatches.**—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *None* No. 2 Hatch *None* No. 3 Hatch *None* No. 4 Hatch *None*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *None*

Bulwarks, height above deck and description *None* Main Rod and Stays, material and size *None*

The above is a correct description.

Builder's Signature (here only): *Robert Stephenson & Co. Limited* Surveyor's Signature: *George F. Robson* 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)

Nov 1 Dec 1904 Jan 1905

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*

to plate, &c, conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing 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.) *The materials and workmanship throughout are satisfactory, and the vessel has been built in accordance with the Rules and approved plans.*

The Bow Anchor and 35 faths of 5/8" Stow line chain placed on board to comply with B. I. requirements.

This vessel is one often built by the Thames Ironworks for the London County Council passenger service on the Thames.

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 *ft.*, Bridge Dk. *ft.*, F'castle *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) *Wood deck 1st on 6" x 3" planks*

Official No. *120538*; Signal Letters *None* State if Machinery is fitted aft *Machinery*

How are the surfaces preserved from oxidation? Inside *Antisepic 6" x 3" planks 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.
Double bottom, aft,			Fore peak tank,		
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,		

Total capacity *58*

* 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

Order for Special Survey No. *1904 Nov 15 16 21 29 Dec 1 5 12 17 21 23 29 05 Jan 4 6 9 11*

Date *7.12.04*

No. *183 C* in builder's yard

The amount of Entry Fee *£ 1 : 0 : 0* Fees applied for, *31/3/1905*

Special *£ 7 : 0 : 0* Received by me, *36.1905*

Travelling Expenses, if any *£ :*

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

I am of opinion this Vessel should be Classed *A- (SHE)*

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

Committee's Minute *FRI. 2 JUN 1905*

Character assigned *A- (SHE)*

For river purposes only

+ Lme 5.05

W. D. Elec light

George F. Robson

Surveyor to Lloyd's Register of British and Foreign Shipping.