

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

# IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel. *No*  
Date of completion of Report *June 3<sup>rd</sup> 1905*

No. *67408*  
MON. 5 JUN 1905

Survey held at *London*  
On the *STEEL PADDLE STEAMER MORRIS*

Date, First Survey, *Nov 15/1904*

Port of *London*

Last Survey *May 26*

1902

TONNAGE under

Tonnage Deck... *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 *3.20*

Less Crew Space

Less above Crown of

Engine Room ... *122.70*

BE FOR FEES ... *54.57*

Engine Room

Navigation Spaces

Net Tonnage

on Beam ... *54.57*

ONE OR TWO DECKED VESSEL.

CLASS *For purposes only.*

Half Breadth (moulded) *9.25*

Depth from upper part of Keel to top of Main Deck Bms. *7.37*

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*

Destined Voyage

Master *Alfred Cadson*

Year of appointment *1905*

Built at *Gunpowder Iron Works London*

When built *1905* Launched *Mar 10 1905*

By whom built *James Ironworks Ltd*

Owners *London County Council*

Managers

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

Residence *London*

Port belonging to *London*

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

DEPTH on Deck as 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
<i>129.46</i>	<i>12</i>	<i>9.25</i>	<i>18</i>	<i>6</i>	<i>6</i>	<i>6.75</i>	<i>6</i>	<i>10.5</i>	<i>one</i>	<i>one</i>
Dimensions of Ship per Register, Length, <i>129.46</i> breadth, <i>18.56</i> depth, <i>6.75</i> Moulded Depth, <i>7</i> ft. <i>0</i> ins. Round of Beam, Actual <i>4.5</i> ins.										

FRAMING.					FORGINGS AND CASTINGS.				
	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
ME, Angles, L or C Bars, for 1/2 length amidships	2 1/2	2	4 3/4	2 1/2	KEEL, Bar or Side Plates depth and thickness	3 1/2	2 1/4	3 1/2	2 1/4
p. for 1/2 at each end	2 1/2	2	4 3/4	2 1/2	STEM, moulding and thickness	4 1/2	2 1/2	4 1/2	2 1/2
p. in way of Double Bottoms at Solid Floors	2 1/2	2	4 3/4	2 1/2	STERN-POST for Rudder do. do.	4 1/2	2 1/2	4 1/2	2 1/2
" " at intermdt. Bkts.	2 1/2	2	4 3/4	2 1/2	" for Propeller	3 1/2	2 1/4	3 1/2	2 1/4
ing of Frames from centre to centre	2 1/2	2	4 3/4	2 1/2	MAIN PIECE of Rudder, diameter at head	3 1/2	2 1/4	3 1/2	2 1/4
VERSED FRAME, Angles	2 1/2	2	4 3/4	2 1/2	do. at heel	3 1/2	2 1/4	3 1/2	2 1/4
EP FRAMING, depth of girder	2 1/2	2	4 3/4	2 1/2	RUDDER, how constructed	3 1/2	2 1/4	3 1/2	2 1/4
ORS, depth and thickness of Floor Plate	2 1/2	2	4 3/4	2 1/2	Can the Rudder be unshipped afloat?	3 1/2	2 1/4	3 1/2	2 1/4
at mid line for 1/2 length amidships	2 1/2	2	4 3/4	2 1/2					
in way of Engines and Boilers	2 1/2	2	4 3/4	2 1/2	KEELSONS AND STRINGERS.				
thickness at the ends of vessel	2 1/2	2	4 3/4	2 1/2	CENTRE LINE KEELSON, Vertical Plate above	8 1/2	6 3/4	8 1/2	6 3/4
depth at 1/2 the half breadth, as per Rule	2 1/2	2	4 3/4	2 1/2	floors, Through Plate, or Intercoastal Plate				
height extended at the Bilges	2 1/2	2	4 3/4	2 1/2	" Rider Plate				
ORS & BRACKETS, in Cell Dble Bottoms	2 1/2	2	4 3/4	2 1/2	" Bulb Plate to Intercoastal Keelson				
" state if flanged (top & bottom)	2 1/2	2	4 3/4	2 1/2	" Horizontal Plates on Floors	2 1/2	2	3 1/6	2 1/2
" Spacing	2 1/2	2	4 3/4	2 1/2	" Angles	2 1/2	2	3 1/6	2 1/2
TRE GIRDER, in Double Bottom, depth	2 1/2	2	4 3/4	2 1/2	SIDE KEELSON, Angles	2 1/2	2	3 1/6	2 1/2
and thickness	2 1/2	2	4 3/4	2 1/2	" Bulb or Plate above floors for				
" Angles, Top	2 1/2	2	4 3/4	2 1/2	" Intercoastal Plate for				
" Bottom	2 1/2	2	4 3/4	2 1/2	" Attached to outside plating with Angle				
E GIRDERS, number on each side & thickness	2 1/2	2	4 3/4	2 1/2	BILGE KEELSON, Angles				
" state if flanged (top & bottom)	2 1/2	2	4 3/4	2 1/2	" Bulb or Plate above floors for				
Angles	2 1/2	2	4 3/4	2 1/2	" Intercoastal Plate for				
GIN PLATE, depth (exclusive of flange)	2 1/2	2	4 3/4	2 1/2	" Attached to outside plating with Angle				
and thickness	2 1/2	2	4 3/4	2 1/2	BILGE STRINGER Angles				
Angles to Outside Plating	2 1/2	2	4 3/4	2 1/2	" Bulb Plate for				
" Floors	2 1/2	2	4 3/4	2 1/2	" Intercoastal Plate for				
Height of Floors at the Bilges	2 1/2	2	4 3/4	2 1/2	" Attached to outside plating with Angle				
R BOTTOM PLATING, breadth and	2 1/2	2	4 3/4	2 1/2	SIDE STRINGER Angles	2 1/2	2	3 1/6	2 1/2
thickness of Middle Line Strake	2 1/2	2	4 3/4	2 1/2	" Bulb or Intercoastal Plate for				
" thickness in Engine and Boiler space	2 1/2	2	4 3/4	2 1/2	" Attached to outside plating with Angle				
" Remainder in Holds	2 1/2	2	4 3/4	2 1/2					
IS, Main and Raised Quarter Deck,	2 1/2	2	4 3/4	2 1/2	Main and Raised Quarter Deck Stringer	2 1/2	2	3 1/6	2 1/2
Single Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2	4 3/4	2 1/2	" Plate, breadth and thickness	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	" Angle on ditto	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	" Tie Plates, outside Hatchways	2 1/2	2	3 1/6	2 1/2
IS, Lower Deck, Single Angle, Bulb	2 1/2	2	4 3/4	2 1/2	" Diagonal Tie Plates on Bulkheads	2 1/2	2	3 1/6	2 1/2
Angle, Plate or Tee Bulb	2 1/2	2	4 3/4	2 1/2	" Main Dk* Iron or Steel for	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	" R. Q. Dk* Iron or Steel for	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	" lng.	2 1/2	2	3 1/6	2 1/2
S, Hold, Plate or Tee Bulb	2 1/2	2	4 3/4	2 1/2	" Wood Deck, Material & thickness	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	Lower Deck Stringer Plate, breadth and	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	" thickness	2 1/2	2	3 1/6	2 1/2
S, Poop Deck, Angle, Bulb Angle, Plate	2 1/2	2	4 3/4	2 1/2	" Angles on ditto, No.	2 1/2	2	3 1/6	2 1/2
or Tee Bulb	2 1/2	2	4 3/4	2 1/2	" Tie Plates, outside Hatchways	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	" Deck* Material and thickness	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	Hold Stringer Plate	2 1/2	2	3 1/6	2 1/2
S, Bridge or Pt. Awng. Deck, Angle,	2 1/2	2	4 3/4	2 1/2	" Angles on ditto, No.	2 1/2	2	3 1/6	2 1/2
Bulb Angle Plate, or Tee Bulb	2 1/2	2	4 3/4	2 1/2	Poop Deck Stringer Plate, breadth & thickness	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	" Angle on ditto	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	" Tie Plates	2 1/2	2	3 1/6	2 1/2
S, Forecastle Deck, Angle, Bulb Angle,	2 1/2	2	4 3/4	2 1/2	" Deck, Material and thickness	2 1/2	2	3 1/6	2 1/2
Plate or Tee Bulb	2 1/2	2	4 3/4	2 1/2	Bridge or Pt. Awning Deck Stringer Plate,	2 1/2	2	3 1/6	2 1/2
Angles on Upper Edge	2 1/2	2	4 3/4	2 1/2	" breadth and thickness	2 1/2	2	3 1/6	2 1/2
Spacing	2 1/2	2	4 3/4	2 1/2	" Angle on ditto	2 1/2	2	3 1/6	2 1/2
RS, In 'tween Decks, Size and Spacing	2 1/2	2	4 3/4	2 1/2	" Tie Plates	2 1/2	2	3 1/6	2 1/2
" Hold	2 1/2	2	4 3/4	2 1/2	" Deck, Material and thickness	2 1/2	2	3 1/6	2 1/2
" Quarter, 'tween Dks.,	2 1/2	2	4 3/4	2 1/2	Forecastle Deck Stringer Plate, brdth & thcknss	2 1/2	2	3 1/6	2 1/2
" in Hold	2 1/2	2	4 3/4	2 1/2	" Angle on ditto	2 1/2	2	3 1/6	2 1/2
FRAMES, In Fore Body, No. and Spacing	2 1/2	2	4 3/4	2 1/2	" Tie Plates	2 1/2	2	3 1/6	2 1/2
" Brdth. & Thickness	2 1/2	2	4 3/4	2 1/2	" Deck, Material and thickness	2 1/2	2	3 1/6	2 1/2
No. of Side Stringers	2 1/2	2	4 3/4	2 1/2	* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.	2 1/2	2	3 1/6	2 1/2
FRAMES, In E. & B. Space, No. & Spacing	2 1/2	2	4 3/4	2 1/2	BULKHEADS.				
" Brdth. & Thickness	2 1/2	2	4 3/4	2 1/2	In Vessel.				
FRAMES, In After Body, No. and Spacing	2 1/2	2	4 3/4	2 1/2	Per Rule.				
" Brdth. & Thickness	2 1/2	2	4 3/4	2 1/2	Thickness.				
No. of Side Stringers	2 1/2	2	4 3/4	2 1/2	Horizontal.				
Size of Angles or Tee Bars to Web Frames	2 1/2	2	4 3/4	2 1/2	Vertical.				
ET PLATES, in Stringers between	2 1/2	2	4 3/4	2 1/2	Single or Double Frames.				
Frames, Depth and Thickness	2 1/2	2	4 3/4	2 1/2	Height up.				



PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		EDGES.		RIVETS.		BUTTS.		IF LAPPED.			
Breadth. Thickness.		Breadth. Thickness.		Breadth. Thickness.		Breadth. Thickness.		Breadth. Thickness.		Single or Double.		Breadth. Thickness.		Breadth. Thickness.		Breadth. Thickness.			
FLAT PLATE KEEL		20	5/16	5/16	5/16	20	5/16	5/16	5/16	20	5/16	5/16	5/16	20	5/16	5/16	5/16		
GARBOARD OR A STRAKE		40	5/16	5/16	5/16	40	5/16	5/16	5/16	40	5/16	5/16	5/16	40	5/16	5/16	5/16		
B		38	5/16	5/16	5/16	38	5/16	5/16	5/16	38	5/16	5/16	5/16	38	5/16	5/16	5/16		
C		37	5/16	5/16	5/16	37	5/16	5/16	5/16	37	5/16	5/16	5/16	37	5/16	5/16	5/16		
D		33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16		
E		33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16		
F		33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16	33	5/16	5/16	5/16		
G																			
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 DE 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.

*James L. Thompson & Co. Ltd.*

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

FRAMES extend in one length from *Fore to Aft* state if ordinary or joggled *Yes*

REVERSED FRAMES on floors and frames extend from *Fore to Aft* 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		Number	Size	
Bowsprit												
Topmasts, Yards and Remainder of Spars												
Rigging, Material and Size, Shrouds												
Sails												

Equipment No. *Letter* Tonnage U.D.K. or Plating No. for Trawlers

Number of Certificate	Anchors	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 29			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
			Supplied	Per Table 22	Length				

HAWSERS AND WARPS.

Number of Certificate	Length and size supplied	Breaking Test of Steel Wire	Length and size per Table 22	Description	Makers of Cables	Where and when tested and Superintendent

Boats *None*

Pumps, Number *None* Diameter of Barrel *4* State whether they are in efficient working order *Yes*

Windlass is *Hand*

Engine Room Skylights—How constructed? *Wood*

What arrangements for deadlights in bad weather? *Deep*

Coal Bunker Openings—How constructed? *Deep* How are lids secured? *Deep* Height above deck *18*

Number of Scuppers, and number and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material

Cargo Hatchways—How formed? *Deep*

State size No. 1 Hatch (Forward) *No. 2 Hatch* *No. 3 Hatch* *No. 4 Hatch*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

No. of Breasthooks *None* No. of Crutches *None*

Bulwarks, height above deck and description

The above is a correct description.

Builder's Signature *James L. Thompson* Surveyor's Signature *George H. Robb*

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 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*

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 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 *Yes*

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 Anchor and 35 paths of the line Chain placed on board to comply with B.D. requirements.*

*This vessel is one of ten built by the Harmer Ironworks, Ltd. 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 & 2nd space*

Official No. *120542*; Signal Letters *GB* State if Machinery is fitted *Yes*

How are the surfaces preserved from oxidation? *Inside Bitumastic (blue) 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. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.

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, (if necessary, furnish further information by sketch.)*

Total capacity *61*

\* 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 to 21 29 Dec 1. 5. 12. 17. 21. 23. 29. Jan 4. 6. 9. 11. 13*

Date *7. 12. 05*

No. *483 I* in builder's yard.

DATE OF SURVEYS held while building *16. 18. 20. 23. 25. 26. 27. 29. 30. Feb. 4. 6. 7. 11. 13. 16. 18. 23. 25. 28. Mar. 2. 3. 7. 9. 13. 14. 17. 20. 28. 31. Apr. 5. 8. 12. 15. 20. 25. 28. May 1. 4. 8. 17. 18. 25. 26*

The amount of Entry Fee *£ 1. 0. 0* Fees applied for, *3/5/1905*

Special *£ 7. 0. 0* Received by me, *3/5/1905*

Travelling Expenses, if any *£ :*

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

I am of opinion this Vessel should be Classed *For river purposes only*

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

Committee's Minute *TUES. 6 JUN 1905*

Character assigned *A - (SHL) For river purposes only + home 5.00*

*George H. Robb* Surveyor to Lloyd's Register of British and Foreign Shipping.

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