

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 will be sent from Liverpool at London Office.
Date of completion of Report 30th May 1906 Port of Newcastle
Date, First Survey 6th October 1905 Last Survey 28th May 1906
Rig Center

No. 51012
TUES. 5 JUN 1906

Survey held at Newcastle

On the steam funny stamer "IRIS"

TONNAGE under Tonnage Deck... 464.95

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 10.12

Engine Room ✓

Gross Tonnage 475.07

Less Crew Space ✓

Less above Crown of 10.12

Engine Room ✓

TONNAGE FOR FEES 464.95

Less Engine Room 383.53

Less Navigation Spaces 9.50

Register Tonnage 82.04

as cut on Beam ✓

ONE OR TWO DECKED VESSEL.

CLASS A - for funny purposes

Half Breadth (moulded) 20.25

Depth from upper part of Keel to top of Main Deck Bms. 12.37

Girth of Half Midship Frame (as per Rule) 28.30

1st Number 60.92

Length on deck from after part of stem to fore part of stern post 151.0

2nd Number 9198.92

Proportions—Breadths to Length 3.7

Depths to Length—Main Deck to top of Keel 12.2

Destined Voyage ✓

Master

Year of appointment (1) As master in service of owner of present vessel: 19
(2) As master of this vessel: 19

Built at Newcastle

When built 1906-3m Launched 24th Mar 1906

By whom built Robert Stephenson & Co

Owners Wallasey Urban District Council

Managers

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

Residence

Port belonging to Liverpool

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

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
	151	0		40	6		11	2 1/2	on	on

Dimensions of Ship per Register, Length, 152.0 breadth, 40.65 depth, 11.25 Moulded Depth, 11 ft. 6 ins. Round of Beam, Actual 10 1/2 ins.

FRAMING.

AME, Angles, 7 Bars, for 1/2 length

amidships 4 3 7 4 3 7

o. for 1/2 at each end 6 6

o. in way of Double Bottoms at Solid Floors ✓

ing of Frames from centre to centre ✓

ing of Frames from centre to centre 22 22 6 22 22 6

EP FRAMING, depth of girder ✓

ORS, depth and thickness of Floor Plate 14 8 7 14 8 7

at mid-line for 1/2 length amidships 20 9 16 20 9 16

in way of Engines and Boilers ✓

thickness at the ends of vessel 12 12

depth at 1/2 the half breadth, as per Rule 24 24

height extended at the Bilges ✓

ORS & BRACKETS, in Cell Dble Bottoms ✓

state if flanged (top & bottom) ✓

Spacing ✓

TRE GIRDER, in Double Bottom, depth ✓

and thickness ✓

Angles, Top ✓

Bottom ✓

GIRDERS, number on each side & thickness ✓

state if flanged (top & bottom) ✓

Angles ✓

GIN PLATE, depth (exclusive of flange) ✓

and thickness ✓

Angles to Outside Plating ✓

Floors ✓

Height of Floors at the Bilges ✓

R BOTTOM PLATING, breadth and thickness ✓

thickness in Engine and Boiler space ✓

Remainder in Holds ✓

IS, Main and Raised Quarter Deck, 5 3 7 5 3 7

Angle, Bulb Angle, Plate or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing 22 22

IS, Lower Deck, Single Angle, Bulb 4 2 1/2 6 4 2 1/2 6

Angle, Plate or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing 44 44

S, Hold, Plate or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing ✓

S, Poop Deck, Angle, Bulb Angle, Plate ✓

or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing 44 44

S, Bridge or Pt. Awng. Deck, Angle, 4 2 1/2 6 4 2 1/2 6

Bulb Angle Plate, or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing 44 44

S, Forecastle Deck, Angle, Bulb Angle, ✓

Plate or Tee Bulb ✓

Angles on Upper Edge ✓

Spacing ✓

RS, In 'tween Decks, Size and Spacing 2 1/2 2 1/2

Hold 3 3

Quarter, 'tween Dks., ✓

in Hold ✓

FRAMES, In Fore Body, No. and Spacing ✓

Brdth. & Thickness ✓

No. of Side Stringers ✓

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

Brdth. & Thickness ✓

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

Brdth. & Thickness ✓

No. of Side Stringers ✓

Size of Angles or Tee Bars to Web Frames ✓

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

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness ✓

STEM, moulding and thickness 6 x 1 3/4 6 x 1 3/4

STERN-POST for Rudder do. do. 6 x 2 3/4 6 x 2 3/4

for Propeller do do

MAIN PIECE of Rudder, diameter at head 5 1/2 5 1/2

do. at heel 4 1/2 4 1/2

RUDDER, how constructed Single plate

Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above 6 3 7 6 3 7

floors, Through Plate, or Intercoastal Plate ✓

Rider Plate ✓

Bulb Plate to Intercoastal Keelson plates 7 7

Horizontal Plates on Floors ✓

Angles 3 3 7 3 3 7

SIDE KEELSON, Angles 5 3 8 5 3 8

Bulb or Plate above floors for Ing. ✓

Intercoastal Plate for full length ✓

Attached to outside plating with Angle 3 3 6 3 3 6

BILGE KEELSON, Angles ✓

Bulb or Plate above floors for Ing. ✓

Intercoastal Plate for length ✓

Attached to outside plating with Angle ✓

BILGE STRINGER Angles ✓

Bulb Plate for length ✓

Intercoastal Plate for length ✓

Attached to outside plating with Angle ✓

SIDE STRINGER Angles 5 3 8 5 3 8

Bulb or Intercoastal Plate for Ing. ✓

Attached to outside plating with Angle ✓

Main and Raised Quarter Deck Stringer 40 7 40 7

Plate, breadth and thickness 3 x 3 x 7 3 x 3 x 7

Angle on ditto 9 5 9 5

Tie Plates, outside Hatchways ✓

Diagonal Tie Plates on Bms., No. of Pairs 4 4

Main Dk* Iron or Steel for 1/2 Ing. ✓

R. Q. Dk* Iron or Steel for Ing. ✓

Wood Deck, Material & thickness 3" teak 3" teak

Lower Deck Stringer Plate, breadth and thickness ✓

Angles on ditto, No. ✓

Tie Plates, outside Hatchways ✓

Deck* Material and thickness ✓

Hold Stringer Plate ✓

Angles on ditto, No. ✓

Poop Deck Stringer Plate, breadth & thickness ✓

Angle on ditto 24 6 24 6

Tie Plates 3 x 3 6 3 x 3 6

Deck, Material and thickness 6 6 6 6

Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness 2 1/2 teak 2 1/2 teak

Angle on ditto ✓

Tie Plates ✓

Deck, Material and thickness ✓

Forecastle Deck Stringer Plate, brdth & theknss ✓

Angle on ditto ✓

Tie Plates ✓

Deck, Material and thickness ✓

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

BULKHEADS.

Number. 5 4 5 3 1/2 x 3 x 7 30" 20 20

W.T. BULKHEADS ✓

PARTITION ✓

LONGITUDINAL, W.T. 12 1/2 x 12 1/2 almost full length

Are the outside Plates doubled two spaces of Frames in length? Yes

Are the Sluice Valves and Watertight Doors in efficient working order? Yes

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.	EDGES.				BUTTS.									
	AMIDSHIP.		FORWARD.			AMIDSHIP.		RIVETS.		RIVETS.		STRAIPS.		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.	Thickness.			
FLAT PLATE KEEL (If Bar Keel, state Riveting) GARBOARD OF A STRAKE	42	10	7	7	42 x 10	Double	42	3/4	3	Table	3/4	2 5/8	14 1/2	11	✓				
State actual thickness in way of Double Bottom.	48	7	5	5	48 x 7	Single	25	"	"	double	"	"	✓	✓	✓				
B "		7	5	5	7 x 5	"	"	"	"	"	"	"	✓	✓	✓				
C "		7	5	5	7 x 5	"	"	"	"	"	"	"	✓	✓	✓				
D "		7	6	6	7 x 6	Table	42	"	"	Table	"	"	14 1/2	8	✓				
E "		7	5	5	7 x 5	Single	25	"	"	double	"	"	✓	✓	✓				
F "		7	5	5	7 x 5	Double	42	"	"	double	"	"	9 3/4	8	✓				
G "	50	9	7	7	50 x 9	Table	42	"	"	Table	"	"	14 1/2	11	✓				
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	5/20																		
FORECASTLE SIDES	✓																		
LENGTHS OF PLATING	26																		

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. *Simon & Martin*
South Durham & Co
Palmers & Co

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

FRAMES extend in one length from *wing end* to *wing end*, thence to *main Dk* state if ordinary or joggled *no*
 REVERSED FRAMES on floors and frames extend from *wing end* to *wing end* state if ordinary or joggled *no*

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									
	Main									
	Mizen									
Bowsprit	✓									
Topmasts, Yards and Remainder of Spars	✓									
Rigging, Material and Size, Shrouds	✓									
Sails.	Suit of	✓								

Equipment No. *✓* Letter *✓*

ANCHORS.										Tonnage U.Dk. or Plating No. for Trawlers						
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.			
55601	1st Bower	8	0	7	2	0	14	10	5	0	0	8	0	0	Pick from Stock	Woodhouse m m 20/12/05 green
	2nd "															
	3rd "															
	Collective weight															
	Stream															
	Kedge															

CHAIN CABLES.										HAWERS 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.	Length.	Cir.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.	Length.	Cir.		
			Supplied.	Per Table 22.	Per Table 22.														
473	90 1 1/2	22 7 5 3 4 12	58 2 0	58 1	90 1 1/2	Stud	Woodhouse & Co	9/12/06 Dudley	TOWLINE	60	8								
									HAWERS & WARPS	48	6								

Boats *on boat*

Pumps, Number *6* Diameter of Barrel *6* State whether they are in efficient working order *yes*

Windlass is *Steam* Capstan *✓*

Engine Room Skylights.—How constructed? *none*

What arrangements for deadlights in bad weather? *✓*

Coal Bunker Openings.—How constructed? *flush scuttles* How are lids secured? *✓* Height above deck? *✓*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *✓* *6 scuppers @ side*

Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness and material *✓*

Cargo Hatchways.—How formed? *none* Hatches.—If strong and efficient? *✓*

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 *on* No. of Crutches *✓*

Bulwarks, height above deck and description *42" 5/20 plate* Main Rail and Stays, material and size *✓*

The above is a correct description *for ROBERT STEPHENSON & CO., LIMITED*

Builder's Signature (here only) *Mr. Thompson* Surveyor's Signature *Alampheer Holmes*

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) *20th Aug. 1905* *29th Sep 1905* *16th Feb 1906* **TUES. 5 JUN 1906**

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

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? *no*

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 *good*

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

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

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates & otherwise in conformity with the Society's rules. The material & workmanship are good throughout. As the vessel received her machinery & was completed in Liverpool, the Surveyors at that Port were advised, & the plans & first-entry report were sent to them for their guidance & signature. They now report that the work has been satisfactorily completed & their letter is attached hereto.

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) *1 DK (at the tank)*

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

How are the surfaces preserved from oxidation? Inside *Paint & white Davis Bitumastic* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *no*

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,	5-6	12
Double bottom, if under Boilers only,	✓		Deep tank, forward	13-0	51
Double bottom, forward,	✓		Other tanks, if fitted, fresh water tank for	7-4	15

* The wells are not to be included in the lengths of the tanks. Total capacity *for 7-4 15*

State whether the above have been tested as required by the Rules *yes*

Order for Special Survey No. *3735* *1906. Oct 6, 12, 19, 23, 26. Nov 1, 6, 16, 20, 23, 27. Dec 1, 5, 12, 15, 19, 22, 27. 1906. Jan 3, 12, 15, 22, 24, 25.*

Date *26.9.05*

No. *100* in builder's yard.

DATE OF SURVEY held while building

The amount of Entry Fee *2* : : : Fees applied for *1 JUN 1906*

Special *23* : : : Received by me *Alampheer Holmes*

Tracking Expenses, if any *✓* *7/6* 1906

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

I am of opinion this Vessel should be Classed *A- "for ferry purposes"*

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

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

Committee's Minute *WED. 6 JUN 1906*

Character assigned *A- (SH) for ferry purposes*

Alampheer Holmes

for ROBERT STEPHENSON & CO., LIMITED

Builder's Signature (here only) *Mr. Thompson* Surveyor's Signature *Alampheer Holmes*

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