

1 or 2 Dks., ~~ROCK~~,
and Pt. Awning Dk.

IRON OR STEEL STEAMER.

No. 52660

HUR. 11 APL 1907

State if Report is also sent on the Machinery of the Vessel.

Date of completion of Report 6th April 1907

Date, First Survey 1st Nov. 1906

Port of Newcastle-on-Tyne

Last Survey 4th April 1907

Rig

Survey held at

On the

TONNAGE under

Tonnage Deck

Do. of Poop

Do. of Raised Qr.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

ONE ~~TWO~~ DECKED VESSEL.

CLASS 100 A. for Towing Purposes.

Half Breadth (moulded) 10.0

Depth from upper part of Keel to top of Main Deck Bms. 11.0

Girth of Half Midship Frame (as per Rule) 18.5

1st Number 39.5

Length on deck from after part of stem to fore part of stern post 99

2nd Number 5910.5

Proportions—Breadths to Length 4.95

Depths to Length—Main Deck to top of Keel 9.00

Destined Voyage Manchester

Master

Year of appointment

Built at South Shields

When built 1907. Launched 14th Feb. 07

By whom built Jos. J. Eltringham & Co

Owners The Manchester Ship Canal Co

Managers

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

Residence Manchester

Port belonging to Manchester

Surveyed while Building, Afloat, in Dry Dock Special.

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
99	0		20	0		10	0		One	One
Dimensions of Ship per Register, Length, 100' breadth, 20.35' depth, 9.85' Moulded Depth, 10 ft. 4 ins. Round of Beam, Actual 8" ins.										

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved		Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
FRAME, Angles, Bars, for length amidships	3	2 1/2	5	3	2 1/2	5	6 x 1 1/4			6 x 1 1/4	
Do. for 1/2 at each end							6 x 1 1/4			6 x 1 1/4	
Do. in way of Double Bottoms at Solid Floors							5 3/4 x 1 1/8			5 3/4 x 1 1/8	
Spacing of Frames from centre to centre	21	2 1/2	5	21	2 1/2	5	3 1/2			3 1/2	
REVERSED FRAME, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	5	2 3/4			2 3/4	
DEEP FRAMING, depth of girder	12		5	12		5					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			6-7			5					
in way of Engines and Boilers			5			5					
thickness at the ends of vessel											
depth at 1/2 the half breadth, as per Rule	24			24							
height extended at the Bilges											
FLOORS & BRACKETS, in Cell Dble Bottoms											
state if flanged (top & bottom)											
Spacing											
CENTRE GIRDER, in Double Bottom, depth and thickness											
Angles, Top											
Bottom											
SIDE GIRDERS, number on each side & thickness											
state if flanged (top & bottom)											
Angles											
MARGIN PLATE, depth (exclusive of flange) and thickness											
Angles to Outside Plating											
Floors											
Height of Floors at the Bilges											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake											
thickness in Engine and Boiler space											
Remainder in Holds	5	3	7	5	3	7					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3 1/2	2 1/2	6	3 1/2	2 1/2	6					
Angles on Upper Edge	42		21	42		21					
Spacing											
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb											
Angles on Upper Edge											
Spacing											
BEAMS, Hold, Plate or Tee Bulb											
Angles on Upper Edge											
Spacing											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb											
Angles on Upper Edge											
Spacing											
BEAMS, Bridge or Pt. Awning Deck, Angle, Bulb Angle, Plate or Tee Bulb	3	2 1/2	6	3	2 1/2	6					
Angles on Upper Edge											
Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb											
Angles on Upper Edge											
Spacing											
PILLARS, in 'tween Decks, Size and Spacing											
Hold	2 1/2			2 3/8 where practicable							
Quarter, 'tween Dks.											
in Hold											
WEB FRAMES, in Fore Body, No. and Spacing											
Brdth. & Thickness											
No. of Side Stringers	6			6							
WEB FRAMES, in E. & B. Space, No. & Spacing	10		5	10		5					
Brdth. & Thickness											
WEB FRAMES, in After Body, No. and Spacing											
Brdth. & Thickness											
No. of Side Stringers	3 1/2	2 1/2	4	3 1/2	2 1/2	4					
Size of Angles or Tee Bars to Web Frames											
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											
BULKHEADS.											
W.T. BULKHEADS											
PARTITION											
LONGITUDINAL											
Are the outside Plates doubled two spaces of Frames in length?											
Are the Sluice Valves and Watertight Doors in efficient working order?											

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES Ordinary or Joggled.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth.					Thickness.					Diam.					Spacing.				
FLAT PLATE KEEL <i>BAR KEEL</i> <i>(If Bar Keel, state Riveting)</i> GARBOARD OR A STRAKE <i>B</i> <i>State actual thickness in way of Double Bottom.</i> C <i>10</i> D <i>17 1/2</i> E <i>39 1/2</i> SHOE <i>7</i> F <i>6</i> G <i>6</i> H <i>6</i> J <i>6</i> K <i>6</i> L <i>6</i> M <i>6</i> N <i>6</i> O <i>6</i> P <i>6</i> DOUBLING OF FLAT PLATE KEEL <i>Length and thickness of Sheerstrakes below</i> POOP SIDES <i>RAISED QUARTER DECK SIDES</i> BRIDGE SIDES <i>1 1/4" x 1/4" x 1/4"</i> FORECASTLE SIDES <i>Seven Spaces</i> LENGTHS OF PLATING <i>Seven Spaces</i>										Main Stringer Plate <i>double</i> Butts of Bilge & Side Stringers, and Tie Plates <i>double</i> Inner Bottom Plating, riveting of Edges <i>til</i> Centre Girder Butts <i>til</i> Frames, riveted through Plates with <i>5/8"</i> Rivets, state whether of Iron or Steel <i>2/10"</i>									
FRAMES extend in one length from <i>Keel</i> to <i>Gunwale</i> REVERSED FRAMES on floors and frames extend from <i>upper turn of bilge to upper turn of bilge, double in engine space and carried to deck in way of paddle wheels.</i>										MASTS, SPARS, &C. LOWER MASTS <i>Fore</i> <i>Norway</i> <i>45' 9"</i> Topmasts, Yards and Remainder of Spars <i>2" wire</i> Rigging, Material and Size, Shrouds <i>2" wire</i> Sails <i>Nil</i> Equipment No. <i>3910-5</i> Letter <i>Letter</i> ANCHORS <i>Tonnage U.D.K. or Plating No. for Trawlers 3910</i> Number of Certificate <i>869</i> Anchors <i>1st Bower</i> <i>2 3 16</i> Weight, Ex Stock <i>3 22</i> Test, per Certificate <i>5 7 2 0</i> Description of Anchor <i>3 2 1/2" Rodgers</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 15/12/06</i> 2nd <i>2 0 2</i> Weight, Ex Stock <i>2 18</i> Test, per Certificate <i>4 10 0 0</i> Description of Anchor <i>2 2 1/2"</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> 3rd <i>4 3 18</i> Weight, Ex Stock <i>6 0 0</i> Test, per Certificate <i>6 0 0</i> Description of Anchor <i>6 0 0</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> Collective weight <i>4 3 18</i> Weight, Ex Stock <i>6 0 0</i> Test, per Certificate <i>6 0 0</i> Description of Anchor <i>6 0 0</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> Stream <i>Nil</i> Weight, Ex Stock <i>Nil</i> Test, per Certificate <i>Nil</i> Description of Anchor <i>Nil</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> Kedge <i>Nil</i> Weight, Ex Stock <i>Nil</i> Test, per Certificate <i>Nil</i> Description of Anchor <i>Nil</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i>									
CHAIN CABLES. Number of Certificate <i>2304</i> Length and size supplied <i>75' 3/4"</i> Test per Certificate <i>10 15 1/2</i> Weight of Chain Cable <i>23 0 10</i> Length and size per Table 22 <i>21 2 12</i> Description <i>75' 3/4"</i> Makers of Cables <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> Iron Stream Chain or Steel Wire <i>Nil</i> Weight, Ex Stock <i>Nil</i> Test, per Certificate <i>Nil</i> Description of Anchor <i>Nil</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i>										HAWSERS AND WARPS. Number of Certificate <i>2304</i> Length and size supplied <i>75' 3/4"</i> Test per Certificate <i>10 15 1/2</i> Weight of Chain Cable <i>23 0 10</i> Length and size per Table 22 <i>21 2 12</i> Description <i>75' 3/4"</i> Makers of Cables <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i> Iron Stream Chain or Steel Wire <i>Nil</i> Weight, Ex Stock <i>Nil</i> Test, per Certificate <i>Nil</i> Description of Anchor <i>Nil</i> Makers <i>Woodhouse</i> Where and when tested and Superintendent <i>Bradley Heath, 13/12/06</i>									
Boats <i>One Dinghy 11' x 5' 6" x 1' 10"</i> Pumps, Number <i>2</i> Windlass is <i>Emerson Walker Thompson Bros. (at hand)</i> Engine Room Skylights <i>As part of casing</i> What arrangements for deadlights in bad weather? <i>Bullseyes</i> Coal Bunker Openings <i>flush scuttles</i> How are lids secured? <i>locked</i> Height above deck? <i>flush</i> Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>Six Scuppers and Six Freeing Ports 24" x 10"</i> Ceiling in Holds, thickness and material <i>Nil</i> Cargo Hatchways <i>How formed?</i> State size No. 1 Hatch (Forward) <i>No. 2 Hatch</i> Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>No. 3 Hatch</i> Number of Breasthooks <i>One & deck</i> No. of Crutches <i>Nil</i> Bulwarks, height above deck and description <i>3' 0" steel plate 1/2" thick</i> Main Rail and Stays, material and size <i>Rail 5" x 2 1/2" x 1/2" Bull Angle</i> The above is a correct description. Builder's Signature (here only) <i>Jos. J. Cunningham</i> Surveyor's Signature <i>M. Macleod & Thos. Shaw</i> Surveyors to Lloyd's Register of British and Foreign Shipping.										Committee's Minute <i>FRI. APR 12 1907</i> Character assigned <i>100 A - (Shl)</i> <i>for towing purposes</i> <i>thmc 4.07</i>									

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

M 25/8/06. M 29/1/07.

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? *Arising from*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 Secretanji letters and otherwise in general conformity with the Rules.

The materials and workmanship are good.

Plan of Approved Midship Section is enclosed, also Profile & Pumping Plans.

This vessel is a duplicate of the same hullers Paddle Sugs "RITTON" & "EGGLES" Newcastle Reports Nos. 48,689 and 48,914.

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. (for Shl)*

Official No. _____; Signal Letters _____

State if Machinery is fitted aft *No.*How are the surfaces preserved from oxidation? Inside *portland cement, paint & bituminous solution* 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,		
Total capacity			(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		

Order for Special Survey No. *260* *1906* *No. 113 21.09 Dec 5.6 11.11.1907 Jan. 11.15.1.05.08 Feb. 16.12.17.02.26.04.05*

Date *20.9.06*No. *260* in builder's yard.

DATES OF SURVEYS held while building *1906* *No. 113 21.09 Dec 5.6 11.11.1907 Jan. 11.15.1.05.08 Feb. 16.12.17.02.26.04.05*

Total No. of Visits *22*

The amount of Entry Fee £ *10* *10 APR 1907*

Special £ *7*Received by me, *23/4/07*Travelling Expenses, if any £ *22.4.07*State whether the Vessel has been built under Special Survey *Yes.*I am of opinion this Vessel should be Classed *100 A - for towing purposes.*With, or without Freeboard, as condition of Class *without.*

M. Macleod & Thos. Shaw
 Surveyors to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

FRI. APR 12 1907

*100 A - (Shl)**for towing purposes**thmc 4.07*