

# Preliminary Report.

1st 2 Dks, R. Q. Dk.,  
and Pt. Awng. Dk.

## IRON OR STEEL STEAMER.

No. 18780

THUR. FEB 28 1907

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

Date of completion of Report 24th February.

Date, First Survey 25th February

Received at London Office,

Port of Hull

Last Survey 25th February 1907

Rig

Master

Year of appointment

Built at Gainsborough.

When built 1903 Launched

By whom built J. S. Watson.

Owners J. S. Watson.

Managers

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

Residence Gainsborough.

Port belonging to

Survey held at Stainforth, near Doncaster  
On the Screw Steamer "NEWARK."

**TONNAGE under Tonnage Deck...**  
Do. of Poop  
Do. of Raised Or.  
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  
**Gross Tonnage**  
Less Crew Space  
Less above Crown of  
Engine Room  
**TONNAGE FOR FEES**  
Less Engine Room  
Less Navigation Spaces

**Register Tonnage**  
as out on Beam

ONE OR TWO DECKED VESSEL.

CLASS A. For Towing Purposes, disired

Half Breadth (moulded)

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

Girth of Half Midship Frame (as per Rule)

1st Number

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

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

**LENGTH** on Deck as per Rule... **BREADTH** Moulded... **DEPTH, ACTUAL** Top of Floors to top of Main Deck Beams... **No. of Decks with Flat laid** on **No. of Tiers of Beams** on

Dimensions of Ship per Register, Length, breadth, depth, Moulded Depth, 6 ft. 6 ins. Round of Beam, Actual 1 ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as	16ths in Ship.		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as	16ths in Ship.
FRAME, Angles, 7" x 7" or 8" x 8" for 1/2 length amidships	2 1/2	2 1/2	5	2 1/2	2 1/2	KEEL, Bar or Side Plates depth and thickness	Flat plate rule				
Do. for 1/2 at each end						STEM, moulding and thickness	4 x 1 1/2				
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.	4 x 1 1/2				
" " at intermdt. Bkts.						" for Propeller	4 x 1 1/2				
Spacing of Frames from centre to centre		18			18	MAIN PIECE of Rudder, diameter at head	2 3/4				
REVERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	4	do. at heel	1 1/2				
DEEP FRAMING, depth of girder						RUDDER, how constructed	Forged iron fram. plated.				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	9		4	9	4	Can the Rudder be unshipped afloat?	Yes.				
" in way of Engines and Boilers			5								
" thickness at the ends of vessel			4								
" depth at 1/2 the half breadth, as per Rule	4 1/2										
" 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											
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	4	2 1/2	2 1/2						
" Angles on Upper Edge											
" Spacing	18 and 24										
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. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb											
" 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											
" Quarter, 'tween Dks.											
" in Hold											
WEB 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.					
	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as	16ths in Ship.
KEEL, Bar or Side Plates depth and thickness	Flat plate rule				
STEM, moulding and thickness	4 x 1 1/2				
STERN-POST for Rudder do. do.	4 x 1 1/2				
" for Propeller	4 x 1 1/2				
MAIN PIECE of Rudder, diameter at head	2 3/4				
do. at heel	1 1/2				
RUDDER, how constructed	Forged iron fram. plated.				
Can the Rudder be unshipped afloat?	Yes.				
KEELSONS AND STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
" Rider Plate					
" Bulb Plate to Intercostal Keelson					
" Horizontal Plates on Floors					
" Angles	2 1/2	2 1/2	5	2 1/2	2 1/2
SIDE KEELSON, Angles					
" Bulb or Plate above floors for lng.					
" Intercostal Plate for length					
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Bulb or Plate above floors for lng.					
" Intercostal Plate for length					
" Attached to outside plating with Angle					
BILGE STRINGER Angles					
" Bulb Plate for length					
" Intercostal Plate for length					
" Attached to outside plating with Angle					
SIDE STRINGER Angles					
" Bulb or Intercostal Plate for lng.					
" Attached to outside plating with Angle					
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	3 2	4			4
" Angle on ditto	3 x 3	6	3 x 3	6	
" Tie Plates, outside Hatchways					
" Diagonal Tie Plates on Bms., No. of Pairs					
" Main Dk* Iron or Steel for Whole lng.		4			4
" R. Q. Dk* Iron or Steel for lng.					
" Wood Deck, Material & thickness	P. Pine	2	Smoothing	2	
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					
" Tie Plates					
" Deck, Material and thickness					
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					
Forecastle Deck Stringer Plate, brdth & thcknss					
" 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.						STIFFENERS.						Single or Double Frames.		Height up.			
In Vessel.		Per Rule.		Thickness.		Horizontal.		Vertical.		Size.		Spacing.		Size.		Spacing.	



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.										
	AMIDSHIP.		FORWARD.		AFT.		EDGES.		BUTTS.		BUTTS.		BUTTS.		BUTTS.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	
FLAT PLATE KEEL.....	5	5	5	5	5	5	Single	2 1/2	5/8	3	Double	5/8	2 1/2	8	5	4 1/2	Full
GABBOARD OF A STRAKE...	5	5	5	5	5	5											
State actual thickness in way of Double Bottom.	5	5	5	5	5	5											
B "	5	5	5	5	5	5											
C "	5	5	5	5	5	5											
D "	5	5	5	5	5	5											
E "																	
F "																	
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 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. ? *The steel is stated to have been made by the open hearth process, but the vouchers have not yet been seen.*

Has the Steel been tested as required by the Rules

**FRAMES** extend in one length from *Keel* to *gunwale* state if ordinary or joggled *Ordinary*

**REVERSED FRAMES** on floors and frames extend from *centre to upper turn of bilge and deck* state if ordinary or joggled *Ordinary*

*alternately in way of machinery space. Centre to upper turn of bilge forward and aft.*

**MASTS, SPARS, &c.**

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Head.		Number.	Size.	Seams.	Butts.
Fore	Wood pole	15' 0"	4"							
Main										
Mizen										

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails. *None* Suit of Sails and the following spare sails

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.			
50556	1st Bower	1	2	13	1	19				Ordinary	LPH-N	
	2nd "											
	3rd "											
	Collective weight											
	Stream											
	Kedge											

**CHAIN CABLES.**

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.
	Length.	Diam.		Supplied.	Break- ing.	Length.	Diam.			
34500	30	5/4						Close Link	LPH-N	

Iron Stream Chain or Steel Wire.

**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.
	Length.	Diam.		Supplied.	Break- ing.	Length.	Diam.			

**Boats** *None*

**Pumps**, Number *No deck pumps* Diameter of Barrel *✓* State whether they are in efficient working order *✓*

**Windlass** is by *J.S. Watson* Capstan

**Engine Room Skylights**—How constructed? *Steel plates and angles.*

What arrangements for deadlights in bad weather? *Steel flaps and bulleys.*

**Coal Bunker Openings**—How constructed? *Cast iron rings.* How are lids secured? *Locked* Height above deck? *Glue.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *on each side, 5 Scuppers, No freeing ports.*

**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 *✓*

**Bulwarks**, height above deck and description *18" x 4 1/2"* No. of Breasthooks *and dup. flom* No. of Crutches *and dup. flom*

Main Rail and Stays, material and size *Elm 5 1/2 x 2 1/2*

The above is a correct description.

Builder's Signature (here only)

Surveyor's Signature *Allison B. Wilson*

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 7.2.07. 8-2-07.*

**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? *✓*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *✓* 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)? *✓* State results of tests *✓*

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

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

*This vessel was examined in dry dock at Southampton near Doncaster on 25th Feb 1907. The bottom and under are in good condition. The close ceiling was removed and the frames, stringers, floor plates, keelson, engine and boiler beams, beams, bulkheads, rivets and the inner surface of the outside plating found in good order. The coal bunkers were cleared, and the bridges and liners in the engine and boiler spaces cleaned out, they are in good condition. The current throughout the bottom is sound and adhering satisfactorily to the steel. The steel deck and wood sheathing on the same are in good order. The steering gear and its connections, the windlass and the sluice valves are in good working order. There are no engine suction outside the machinery space, a sluice valve worked from the deck is fitted on No. 2 bulkhead. There are no deck pumps and no means of getting water out of the fore peak. There are no freeing ports. The engine casing is 15" above wood deck, and the boiler casing 3-2 1/2". 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) *IDK. (all. ws.)*

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

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.
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. *✓*

Date *✓*

No. *✓* in builder's yard

**DATES of Surveys held while building**

**Total No. of Visits**

The amount of Entry Fee .....£ : : Fees applied for, 19

Special.....£ 4 : 4: Received by me, *1674/107 17 4 107*

Travelling Expenses, if any £ 1 : 8 :

State whether the Vessel has been built under Special Survey *no*

I am of opinion this Vessel should be Classed *The A. for towing purposes, class is sought.* *Allison B. Wilson.*

With, or without Freeboard, as condition of Class. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

**Committee's Minute**

**Character assigned**

The Surveyors are requested not to write on or below the Committee's Minute.