

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

IRON OR STEEL STEAMER.

No. 18982

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

Received at London Office

Date of completion of Report 16th June 1905
Date, First Survey 5th March 1905

Port of Newcastle
Last Survey June 14th 1905
Rig Sloop

Survey held at South Shields
On the Steamer "CORN BROOK"

TONNAGE under 144.88
Do. of Poop
Do. of Raised Qr.
Do. of Break.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck 4.29
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage 149.14
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES 144.18
Less Engine Room
Less Navigation Spaces
Register Tonnage 4.99
as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100A for towing purposes

Half Breadth (moulded) 11.0
Depth from upper part of Keel to top of Main Deck Bms. 11.95
Girth of Half Midship Frame (as per Rule) 19.12
1st Number 42.04
Length on deck from after part of stem to fore part of stern post 94.04
2nd Number 3956.26
Proportions—Breadths to Length 4.24
Depths to Length—Main Deck to top of Keel 7.8

Master

Year of appointment (1) As master in service of owner of present vessel:—19
(2) As master of this vessel:—19
Built at South Shields
When built 1905 Launched 18th May 1905
By whom built J. P. Remondson & Sons
Owners The Manchester Ship Canal Co. Ltd.
Managers " " " " " "
(Where necessary to be entered in Reg. Book).
Residence Manchester.
Port belonging to Manchester

Destined Voyage Manchester Canal If Surveyed while Building, Afloat, & in Dry Dock Yes

LENGTH on Deck as per Rule 94 0 4
BREADTH—Moulded 22 0
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 10 4 1/2
No. of Decks with Flat laid one
No. of Tiers of Beams one
Dimensions of Ship per Register, Length, 95.0 breadth, 22.1 depth, 10.45 Moulded Depth, 11 ft. 6 ins. Round of Beam, Actual 5 1/2 ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, Bars, for length amidships	3	2 1/2	5/20	KEEL, Bar or Side Plates depth and thickness	6 x 1 1/4	6 x 1 1/4	
Do. for 1/2 at each end	3	2 1/2	5/20	STEM, moulding and thickness	6 x 1 1/4	6 x 1 1/4	
Do. in way of Double Bottoms at Solid Floors	✓			STERN-POST for Rudder do. do.	5 3/4 x 2 1/2	5 3/4 x 2 1/2	
" " " at intermdt. Bkts.	✓			" " for Propeller do. do.	5 3/4 x 2 3/4	5 3/4 x 2 3/4	
Spacing of Frames from centre to centre	21	2 1/2	5/20	MAIN PIECE of Rudder, diameter at head	4 1/4	4 1/4	
REVERSED FRAME, Angles	2 1/2	2 1/2	5/20	do. at heel	4 1/4	4 1/4	
DEEP FRAMING, depth of girder	16	4/20	16	RUDDER, how constructed Single plate arms Keyed & shrinked			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	✓			Can the Rudder be unshipped afloat? Yes.			
" " in way of Engines and Boilers	7/20 + 8/20	7/20	8/20				
" " thickness at the ends of vessel	✓			KEELSONS AND STRINGERS			
" " depth at 1/2 the half breadth, as per Rule	✓			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	6	3	7/20
" " height extended at the Bilges	✓			" " Rider Plate	✓		
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom)	✓			" " Bulb Plate to Intercoastal Keelson	✓		
" " Spacing	✓			" " Horizontal Plates on Floors	✓		
CENTRE GIRDER, in Double Bottom, depth and thickness	✓			" " Angles	✓		
" " Angles, Top	✓			SIDE KEELSON, Angles	✓		
" " Bottom	✓			" " Bulb or Plate above floors for lng.	✓		
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom)	✓			" " Intercoastal Plate for length	✓		
" " Angles	✓			" " Attached to outside plating with Angle	✓		
MARGIN PLATE, depth (exclusive of flange) and thickness	✓			BILGE KEELSON, Angles	✓		
" " Angles to Outside Plating	✓			" " Bulb or Plate above floors for lng.	✓		
" " Floors	✓			" " Intercoastal Plate for length	✓		
" " Height of Floors at the Bilges	✓			" " Attached to outside plating with Angle	✓		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓			BILGE STRINGER Angle	5	4	5/20
" " thickness in Engine and Boiler space	✓			" " Bulb Plate for length	✓		
" " Remainder in Holds	✓			" " Intercoastal Plate for length	✓		
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4	2 1/2	6/20	" " Attached to outside plating with Angle	✓		
" " Angles on Upper Edge	✓			SIDE STRINGER Angle	5	4	5/20
" " Spacing	21	2 1/2	6/20	" " Bulb or Intercoastal Plate for lng.	✓		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓			" " Attached to outside plating with Angle	✓		
" " Angles on Upper Edge	✓			Main and Raised Quarter Deck Stringer Plate, breadth and thickness	3 x 3	6/20	3 x 3 6/20
" " Spacing	✓			" " Angle on ditto	✓		
BEAMS, Hold, Plate or Tee Bulb	✓			" " Tie Plates, outside Hatchways	✓		
" " Angles on Upper Edge	✓			" " Diagonal Tie Plates on Bms., No. of Pairs	✓		
" " Spacing	✓			" " Main Dk* Iron or Steel for full lng.	✓		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓			" " R. Q. Dk* Iron or Steel for lng.	✓		
" " Angles on Upper Edge	✓			" " Wood Deck, Material & thickness (none)	✓		
" " Spacing	✓			Lower Deck Stringer Plate, breadth and thickness	✓		
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓			" " Angles on ditto, No.	✓		
" " Angles on Upper Edge	✓			" " Tie Plates, outside Hatchways	✓		
" " Spacing	✓			" " Deck* Material and thickness	✓		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓			Hold Stringer Plate	✓		
" " Angles on Upper Edge	✓			" " Angles on ditto, No.	✓		
" " Spacing	✓			Poop Deck Stringer Plate, breadth & thickness	✓		
ILLARS, In 'tween Decks, Size and Spacing	2 3/8 where practicable			" " Angle on ditto	✓		
" " Hold	✓			" " Tie Plates	✓		
" " Quarter, 'tween Dks., "	✓			" " Deck, Material and thickness	✓		
" " in Hold	✓			Bridge or Pt. Awng. Deck Stringer Plate, breadth & thickness	✓		
WEB FRAMES, In Fore Body, No. and Spacing	✓			" " Angle on ditto	✓		
" " Brdth. & Thickness	✓			" " Tie Plates	✓		
" " No. of Side Stringers	✓			" " Deck, Material and thickness	✓		
WEB FRAMES, In E. & B. Space, No. & Spacing	✓			Forecastle Deck Stringer Plate, brdth & thcknss	✓		
" " Brdth. & Thickness	✓			" " Angle on ditto	✓		
WEB FRAMES, In After Body, No. and Spacing	✓			" " Tie Plates	✓		
" " Brdth. & Thickness	✓			" " Deck, Material and thickness	✓		
" " No. of Side Stringers	✓			Are the outside Plates doubled two spaces of Frames in length? 26" parallel			
" " Size of Angles or Tee Bars to Web Frames	✓			Are the Sluice Valves and Watertight Doors in efficient working order? none			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	✓						

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				RIVETING.			
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	THICKNESS.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	STRAIPS.	IF LAPPED.	
FLAT PLATE KEEL (If Bar Keel, state Riveting)														
GARBOARD OR A Strake	39	7/10	7/10	7/10	39	7/10	Double	6	1	5	Double	3/4	2 1/2	
B "	42	7/10	7/10	7/10	42	7/10	Single	2 1/2	3/4	3 1/2	Double	3/4	2 1/2	
C "	48	7/10	7/10	7/10	48	7/10	"	"	"	"	"	"	"	
D "	42	7/10	7/10	7/10	42	7/10	"	"	"	"	"	"	"	
E "	48	7/10	7/10	7/10	48	7/10	Double	3 1/2	3/4	2 1/2	"	3/4	2 1/2	
F "	39	7/10	7/10	7/10	39	7/10	"	"	"	"	"	"	"	
G "														
H "														
J "														
K "														
L "														
M "														
N "														
O "														
P "														
DOUPLING 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	7 spaces = 12'-3"													

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. *Lanarkshire Steel Co*

South Durham Steel & Iron Co

Steel Co of Scotland

Norman Lang & Co

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

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

REVERSED FRAMES on floors and frames extend from *to upper part of bilges as per Section* state if ordinary or *joggled* *Yes*

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.		Head.	Number.	Size.	Seams.
Fore	<i>Pine</i>	<i>44'-0"</i>	<i>10"</i>							
Main										
Mizen										

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds *Sabot steel wire 2 1/2*

Sails, *none* Suit of *none* Sails and the following spare sails *none*

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 Superintended.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
6578	1st Bower	<i>4</i>	<i>1</i>	<i>14</i>				<i>6</i>	<i>15</i>	<i>0</i>	<i>0</i>			<i>Ball and fluke</i>	<i>not stated</i>	<i>Simuland 4/5/05</i>
	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 Superintended.	HAWERS AND WARPS.		
			Length.	Diam.	Weight.					Length.	Diam.	Weight.
38571	<i>60</i>	<i>3 1/2</i>	<i>10</i>	<i>2 1/2</i>	<i>17</i>	<i>1</i>	<i>10</i>	<i>10/5/05</i>	<i>10/5/05</i>	<i>10</i>	<i>2 1/2</i>	<i>17</i>

HAWERS 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 Superintended.	HAWERS AND WARPS.		
			Length.	Diam.	Weight.					Length.	Diam.	Weight.

Boats *one*

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

Windlass is *Imeson Walker's hand* Capstan

Engine Room Skylights.—How constructed? *Seal*

What arrangements for deadlights in bad weather? *Bulls eyes*

Coal Bunker Openings.—How constructed? *Arch in Casings* How are lids secured? *Battened* Height above deck? *7'-0"*

Number of **Scuppers**, and number and dimensions of **Freeing Ports**, &c. *4 on each side* *4 on each side* *2'-6" x 1'-6"*

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

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

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

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

Bulwarks. height above deck and description *2'-9"* **No. of Breasthooks** *Two* **No. of Crutches** *dup floors*

The above is a correct description. *Manfield Smith* Surveyor's Signature

Builder's Signature (here only) *Manfield Smith* 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)

10th Feb 1905 25th July 1905 7th April 1905

Workmanship. Are the butts of plating planned 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? *Very 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 vessel has been constructed in accordance with the plans as approved, The Secutamps letters & otherwise with the Society's Rules.*

The material & workmanship are good

A similar vessel of slightly different dimensions to Builders No 222 "DOMINION"

The approved plans as below are returned herewith

Midship Section

Profile

Sanitary

Pumping arrangement

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 Deck steel*

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

How are the surfaces preserved from oxidation? Inside *Painted* Outside *Painted*

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,	<i>9-3</i>	<i>20</i>
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 *Yes*

Order for Special Survey No. *3688*

Date *21st March 1905*

No. *237* in builder's yard

DATE of Surveys held while building *1905 March 31-25 April 1-15 May 3-18-29 June 6-9-11*

The amount of Entry Fee *£ 1 : : : 17/6* Fees applied for, *17/6*

Special *£ 4 : 9* Received by me, *24/6/05*

Travelling Expenses, if any *£ : : : 24/6/05*

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

I am of opinion this Vessel should be Classed *100A for towing purposes.*

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

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

Committee's Minute *100A - (steel) For towing purposes*

Character assigned *100A - (steel) For towing purposes*

Manfield Smith

24/6/05