

16 AUG 1904

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

IRON OR STEEL STEAMER.

No. 54950

Received at London Office, 20 AUG 1904

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

Date of completion of Report

Date, First Survey

Port of

Last Survey

Rig

Survey held at

On the

TONNAGE under

Tonnage Deck...

Do. of Poop

Do. of Raised Or.

Do. of Break...

Do. of Bridge House

Do. of Forecastle

Do. of Houses and 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 cut on Beam

ONE DECKED VESSEL.

CLASS

FEET.

Half Breadth (moulded)

Depth from upper part of Keel to top of Main Deck Bms.
(with the normal round up of beam)

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

Master

Year of appointment

Built at

When built

Launched

By whom built

Owners

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port belonging to

LENGTH on Deck as per Rule... 135 0
BREADTH—Moulded... 23 0
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 10 2
No. of Decks with Flat laid... One
No. of Tiers of Beams... One
Dimensions of Ship per Register, Length, 136.0 breadth, 23.1 depth, 9.9 Moulded Depth, 10 ft 9 1/2 ins. Round of Beam, Actual 6 ins.

FRAMING.

FRAME, Angles, 1/2" x 3", for 1/2 length

amidships

Do. for 1/2 at each end

Do. in way of Double Bottoms at Solid Floors

at intermdt. Bkts.

Spacing of Frames from centre to centre

REVERSED FRAME, Angles

DEEP FRAMING, depth of girder

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

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

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

Angles on Upper Edge

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. 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 Bulbs 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

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson, plate

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate for

Attached to outside plating with Angle

Main and Raised Quarter Deck Stringer

Plate, breadth and thickness

Angle on ditto

Tie Plates, outside Hatchways

Diagonal Tie Plates on Bms, No. of Pairs

Main Dk* Iron or Steel for

R. Q. Dk* Iron or Steel for

Wood Deck, Material & thickness

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. Awng. 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.

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.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary or Joggled?				BUTTS.								
	AMIDSHIP.		FORWARD.		APT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.			Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.			Inches.	Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thick- ness.	Breadth.	For what Length.
	Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
FLAT PLATE KEEL	31	9	8	8	31	9	Q	4 1/2	3/4	3	T.F.A.	3/4	2 1/2	✓	✓	7 1/2	Mod. L.		
GABBOARD OF A Strake ..	45	9	9	8	45	9	"	"	"	"	T 1/2	"	"	✓	✓	"	"	"	
State actual thickness in way of Double Bottom.	B "	44	8	6	8	44	8	"	"	"	"	"	"	✓	✓	"	"	"	
C "	51	7	6	7	51	7	Q 1/2	13-2 1/2	"	"	"	"	"	✓	✓	"	"	"	
D "	46	7	6	7	46	7	5-9	13-2 1/2	"	"	"	"	"	✓	✓	"	"	"	
E "	51	6	5	5	51	6	Q	4 1/2	"	"	D.F.A.	3/4	2 1/2	✓	✓	6 1/2	"	"	
F "	31	9	7	7	31	9	"	"	"	"	"	"	"	✓	✓	"	"	✓	
G "																			
H "																			
I "																			
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 Bilge ..	14	6																	
POOP SIDES		6																	
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES		5																	
LENGTHS OF PLATING	14	8																	

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 Barrow Naval Ship Co. Ltd. Middlesbrough
Sheep Works, The Ship Company of Scotland Ltd. Middlesbrough
 Has the Steel been tested as required by the Rules? *Yes*

FRAMES extend in one length from *Keel* to *Main, Quarter, Forecastle &c.* state if ordinary or joggled *Ordinary*
 REVERSED FRAMES on floors and frames extend from *Centre line to upper turn of bilge* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.									
LOWER MASTS...	Fore	Main	Mizen	Material.		Total length.		DIAMETER AND THICKNESS.	
				At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	ANGLES.
									Size.
									Seams.
									Butts.
Bowsprit									
Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds									
Sails.									

Equipment No. *6233* Letter *as app.* Tonnage U.Dk. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 22		Description of Anchor.	Makers.	Where and when tested and Superintended.
		Cwts.	lbs.	Cwts.	lbs.	Cwts.	lbs.			
51609	1st Bower	8	0	8	0	8	0	Stockless	✓	Retested 13 th May 04
51608	2nd "	8	0	8	0	8	0	"	✓	" " " "
	3rd "									
	Collective weight	16	0	16	0	16	0			
51673	Stream	2	2	2	2	2	2	Ordinary	✓	Retested 20 th May 04
	Kedge	1	0	1	0	1	0			Retested 20 th May 04

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.	When and where tested and Superintended.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.		Description.	Makers of Cables.	When and where tested and Superintended.	Material.
	Length.	Diam.		Supplied.	Per Table 22.						Length.	Cir.		Length.	Cir.				
8837	165	1 1/4	15	23	7	15	23	7	15	23	7	15	23	7	15	23	7	15	23
Iron Stream Chain or Steel Wire	46	5/8	4 1/2	9 1/2	10	2	10	2	10	2	48	1 1/2	48	1 1/2	48	1 1/2	48	1 1/2	48

Boats *One Lifeboat and one Dinghy*
 Pumps, Number *one* Diameter of Barrel *4* State whether they are in efficient working order *Yes*
 Windlass is *MC Onies* Capstan *None*
 Engine Room Skylights.—How constructed? *Teak wood*
 What arrangements for deadlights in bad weather? *Hinged Flaps*
 Coal Bunker Openings.—How constructed? *How are lids secured?*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *6 and 3 Freeing ports 3'0" x 1'9" + 2 @ 2'6" x 1'8"*
 Ceiling in Holds, thickness and material *2 1/2 RF* Cargo Battens, thickness and material *2 WP*
 Cargo Hatchways.—How formed? *Plate Coaming* Hatches.—If strong and efficient? *Yes*
 State size No. 1 Hatch (Forward) *12'3" x 9'11"* No. 2 Hatch *21'0" x 9'11"* No. 3 Hatch *✓* No. 4 Hatch *✓*
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *one SB in No. 1 and two in No. 2 one 3'4" in each hold*
 No. of Breasthooks *3* No. of Crutches *one*
 Bulwarks, height above deck and description *3'6" above dk.* Main Rail and Stays, material and size *5 x 2 1/2 x 1/4 Bulwark*
 The above is a correct description.
 Builder's Signature (here only) *GARSTON GRAVING DOCK & SHIPBUILDING CO. LTD.* Surveyor's Signature *H. H. Watson*
 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 25/10/04 M 3/3/04 M 30/3/04 E 7/5/04 M 5/6/04
 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? *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 *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.)

This vessel has been built in accordance with the approved plans, and the Secretary's letter of the above mentioned date, and in other respects in conformity with the Rules

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 *46.0* ft., Bridge Dk. *✓* ft., F'castle *16.8* 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 (5th) 16 B*

Official No. *100 A 1*; Signal Letters *✓* State if Machinery is fitted aft *Yes*
 How are the surfaces preserved from oxidation? Inside *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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	19.0	26
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	5.0	4
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,	✓	✓

* 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. *1005*
 Date *5th March 1904*
 No. *30* in builder's yard.
 Dates of Surveys held while building *To pier 14. 15. May 17. 25. 26. July 11. 15. 16. 18. 22.*
 Total No. of Visits *10*

The amount of Entry Fee *£ 2 : 0 : 0* Fees applied for, *19 AUG 1904*
 Special *£ 12 : 6 : 0* Received by me, *17.9.04*
 Travelling Expenses, if any *£ :*
 State whether the Vessel has been built under Special Survey *Yes*
 I am of opinion this Vessel should be Classed *100 A 1* *Welldeck* *Lloyd's &c.*
 Without Freeboard, as condition of Class

Committee's Minute *LIVERPOOL. 19 AUG 1904*
 Character assigned *100 A 1*
Welldeck *Lloyd's &c.* *when machinery survey completed*

when machinery survey completed

when machinery survey completed