

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office 9.10.1919

State if Report is also sent on the Machinery of the Vessel *Yes*Date of completion of report *1st October 1919*Port of *Belfast*Survey held at *Belfast*Date, First Survey *19th Nov. 1919*Last Survey *26th September*

1919

On the (State if Single, Twin, or Triple Screw) *Single Screw*" *GORALA* "Rig *2 masts, no sails*TONNAGE under *4747.46*CLASS *100 A.I.*

FEET.

Master *P. H. Beeching*

Year of appointment

(1) As Master in service of
owner of present vessel:—191
(2) As Master of this
vessel:—1919

Tonnage Deck...

Do. of Poop *128.58*Do. between Tonnage Dk. and 3rd and 4th Dk. *4.10*Do. of Bridge House *56.37*Do. of Forecastle *17.26*Do. of Houses on Dk. Round *116.39*Do. of excess of Hatchways *50.56*of *54.14*of *52.20.61*of *244.28*of *54.14*of *4922.19*of *1670.60*of *151.13*of *3154.60*Breadth (greatest moulded) *52.0*Depth, at middle of length from top of keel to top of upper deck beams at side *31.0*Transverse Number *83.0*Length on deck from fore part of stem to after part of stern post *400*Longitudinal Number *33320*Depth "d," at middle of length (See Secs. 2 & 13) *18.4*Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.9*" " Long Bridge Deck Beam at side to top of keel *10.25*Built at *Belfast*When built *1919* Launched *26th Aug. 1919*By whom built *Workman Clark & Co.*Owners *British India S. N. Co.*Managers
(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to *Glasgow*Destined Voyage *Avonmouth* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
...	400	0	Moulded	52	0	Top of Floors to top of Upper Dk. Beams	28	6	2
...						Do. do. do. do. Second Dk. Beams	19	6	2
Moulded depth, ft. <i>38</i> ins. <i>11 1/2</i> To Bridge Dk. Round of Upper Dk. Beam, Actual <i>13</i> ins.									
Ship per Register, Length <i>400</i> breadth <i>52.3</i> depth <i>28.46</i> Moulded depth, ft. <i>31</i> ins. <i>0</i> To Upper Dk.									

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule
Bars amidships	10	3 1/2	46	10	3 1/2	46	PILLARS, In 'tween Deck, size and spacing						
" "	8	3	38	8	3	38	" " Hold						2 Rows of string wide
of Double Bottoms at Solid Floors...	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Quarter 'tween Dks.,						spaced tubular pillars
" " at intermdt. Bkts.							" " in Hold						
frames from centre to centre amidships		26			26		KEELSONS & STRINGERS.						
" " from 1/2 length to Collision bulkhead		26			26		CENTRE LINE KEELSON, Vertical Plate above						
" " in peaks..		24			24		floors, Through Plate, or Intercoastal Plate						
FRAME, Angles.....							Rider Plate.....						
of Double Bottoms at Solid Floors...	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Flat Plate Keel Angles						
" " at intermdt. Bkts.							" Horizontal Plates on Floors						
depth of girder		10			10		" Angles or Bulb Angles						Cellular double
depth and thickness of Floor Plate							SIDE KEELSONS, Number						Bottom
at mid-line for 1/2 length amidships...							" Angles or Bulb Angles						
of Engine and Boiler Spaces							" Plate above floors, for length...						
less at the ends of vessel							" Intercoastal Plate, for length						
at 1/2 the half breadth, as per Rule ..							" Attached to outside Plating with Angle ...						
extended at the Bilges							BILGE KEELSON, Angles						
Cell. Double Bottoms.....			42			42	" Intercoastal Plate for length						
ate if flanged (top & bottom).....							" Attached to outside Plating with Angle ...						
acing of Solid floors		26			26		SIDE STRINGERS, Number						
IDER, in Dbl. bottom, dpth. & thcknss.	43		50	43		50	" " Angle						none none
" Angles, Top	6	6	66	6	6	66	" Intercoastal Plate, for length ...						
" " Bottom.....	6	6	66	6	6	66	" Attached to outside plating with Angle.....						
" " to Floors	6	6	46	6	6	46							
ockets at intermdt. frng., width & thcknss							Upper Deck Stringer Plate, br'dth & thickness						
ERS, number on each side & thickness			42			42	(clear of Bridge)	70	64	70	64		
state if flanged (top and bottom)							" " " " br'dth & thickness	70	46	70	46		
Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40	(in way of Bridge)	6 x 6	52	6 x 6	52		
" " to Floors.....	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" " Angle (clear of Bridge) ...						
LATE, depth (exclusive of flange)	40 1/2		48	40 1/2		48	" " Tie Plate at sides of Hatchways.....						
" Angles to Outside Plating	3 1/2	3 1/2	50	3 1/2	3 1/2	50	" Deck. * Iron or Steel, for Full lng.		52		52		
" " Floors	6	6	42	6	6	42	" " Thickness (clear of Bridge)		52		52		
ockets at intermdt. frng., width & thcknss	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" " (in way of Bridge) Between Hatch		40		40		
ight of Outside Brackets above at bilge	38			38			" Wood Deck, Material & thickness		36		36		
OTTOM PLATING, breadth and thickness of Middle Line Strake	66		50	66		50	Second Deck Stringer Plate, br'dth & thickness						
" " in Engine and Boiler space	E 48 B 56			E 48 B 56			Angles on ditto, No. 2	3 1/2 x 3 1/2	44	3 1/2 x 3 1/2	44		
" " Remainder in Holds.....			42			42	" Tie Plates outside Hatchways						
pper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	44	8	3	44	" Deck. * Iron or Steel, for Full lng.		36		36		
" " in way of Long Bridge							" Wood Deck, Material & thickness						
acing	26			26			Third Deck Stringer Plate, br'dth & thickness						
second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42	9	3 1/2	42	Angles on ditto, No.						
acing	26			26			" Tie Plates, outside Hatchways.....						
ird and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck. * Material and thickness						
angles on upper edge							Fourth and Fifth Deck Stringer Plate, breadth & thickness						
acing							" " Angles on ditto, No.						
op Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	40	7	3	40	" " Tie Plates outside Hatchways						
angles on upper edge							" " Deck. Material & thickness						
acing	26 x 24			26 x 24			Poop Deck Stringer Plate, breadth & thickness	48	30	48	30		
idge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	38	8	3	38	Angle on ditto	3 1/2 x 3 1/2	24	3 1/2 x 3 1/2	24		
angles on upper edge							" Tie Plates		30		30		
acing	26			26			" Deck. Material and thickness	wood sheathed over accommodation					
orecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	40	8	3	40	Bridge Deck Stringer Plate, br'dth & thickness	70	50	70	50		
angles on upper edge							Angle on ditto.....	6 x 6	48	6 x 6	48		
acing	26 x 24			26 x 24			" Tie Plates.....						
orecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck. Material and thickness	Steel	40		40		
angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	50	30	50	30		
acing							Angle on ditto.....	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34		
							" Tie Plates						
							" Deck. Material and thickness	Steel					

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

Lloyd's Register

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

[illegible]

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
No. 34596				J													
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.	Where and when tested and Superintendent.		
Cws.	qrs.	lbs.	Cws.	qrs.	lbs.	Tons.	cws.	qrs.	lbs.	Cws.	qrs.	lbs.					
82015	1st Bower	60	0	6	Stainless		48	10	0	60	0	0	Halls	N. Hingley Bow	Retherton 13.8.19 Green		
82017	2nd "	59	2	24	"		48	4	1	60	0	0	"	"	" " " "		
82018	3rd "	51	0	24	"		48	3	0	60	2	0	"	"	" " " "		
	4th "																
	Collective weight	170	3	26						170	2	0					
82025	Stream	16	2	22	4	1	2	18	0	2	14	16	1	0	Rodgers		
82024	Kedge	7	1	4	1	3	15	9	11	2	7	7	0	0	"		
Last Steel Heads of Stainless Anchors Certified for by L. Campbell & Co. Ltd. London																	
CHAIN CABLES.																	
HAWSEERS AND WARPS.																	
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
Fathoms.	Inches.	Tons.	Tons.	Cws.	qrs.	lbs.	Cws.	qrs.	lbs.	Fathoms.	Inches.			Fathoms.	Inches.	Fathoms.	Inches.
68795	135	2 3/4	86 1/2	120 1/2	32 1/2	20	645	3	0	270	2 1/2	Slid	N. Hingley Bow Retherton 15.8.19 Green	TOWLINE S.W.	120	4 3/4	47
68797	135	2 3/4	86 1/2	120 1/2	32 1/2	20	645	3	0	270	2 1/2	"	" 7-8-19 "	HAWSEERS & WARPS	(2) 90	2 3/4	15 1/2 (2) 90
68822	72	2 3/4	86 1/2	120 1/2	37	3	10					"	" 6-9-19 Glasgow	"	(2) 90	2 1/2	12 1/2 (2) 90
Iron Stream Chain or Steel Wire	90	4 1/4	47							90	4 1/4	S.W.		"	(2) 45	9	manila

Boats 6

Pumps, Number One to fore peak flat

Windlass is Steam by Clark Chapman

Engine Room Skylights.—How constructed? Steel

Coal Bunker Openings.—How constructed? Steel coverings

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** 4 Scuppers each side in hull 6 freeing ports each side 4. 6 x 1.6 1.0 x .8 and 1.0 x .5 each

Ceiling in Holds, thickness and material New timber 2 1/2 pine

Cargo Hatchways.—How formed? Steel coverings

State size No. 1 Hatch (Forward) 32' 6" x 20' 0"

No. 2 Hatch 34' 8" x 20' 0"

No. 3 Hatch 34' 8" x 20' 0"

No. 4 Hatch 28' 2" x 20' 0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 12 = 1, 2, 3 6 web each No 4, 5 web

No. of Breasthooks 7 incl. deck

No. of Crutches deep floor

Bulwarks, height above deck and description Steel Peak 14'

The foregoing is a correct description.

Builder's Signature W. Stachan

Surveyor's Signature J.M. Sheena

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

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

M... 18.1.17, 25.4.17, 18.5.17, 8.6.17, 5.10.17, 20.10.17, 20.11.17, 30.5.18, 25.7.18, E. 27.8.17, 28.9.17, 2.11.18, 16.3.18, 30.2.18

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 where fitted

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? 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. 26, par. 20)? Yes

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Satisfactory

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

This vessel has been built in accordance with the approved plans, the Secretary's letter of the above date, and in conformity with the Rules for the class contemplated.

S. S. Jagra Bel. Rept. no 8200

The Surveyor should state the Number of Report and Name of any Sister Vessel. Munnice

The amount of Entry Fee £ 6 : 0 : 0

Special Survey Fee £ 148 : 1 : 0

Travelling Expenses £ 30 : - : -

Chargeable £ 183 : - : -

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100 A.I.

With, or without Freeboard, as condition of Class Without

Fees applied for, 2.10.1919 due from Builders

Received by me, 29.10.1919

Transmitted to Lloyd's Register of Shipping to be arranged.

J.M. Sheena

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

Committee's Minute

Character assigned

FRI. 10 OCT. 1919

Lloyd's A.C.P.

Miss Bell

+ Ldb. 9.19 F.D.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49 ft., R.Q.D. ✓ ft., Bridge 113 ft., Forecastle 39 (in feet and tenths). When the Poop 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 should appear in the Register Book) 2 dk steel ✓

Official No. 141921 ; Signal Letters State if Machinery is fitted aft no
How are the surfaces preserved from oxidation? Inside Portland Cement & Paint. Outside Paint.
To have record of Cam.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	128	375	Fore peak tank,		
Double bottom, under Engines and Boilers,	39	158	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	180	590	Other tanks, if fitted,		
Total capacity of double bottom		1120	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 347 State whether the above have been tested as required by the Rules. Yes ✓

Order for Special Survey No. 652
Date 9th May 1918
No. 444 in builder's yard.
DATES of Surveys held while building
1918 Nov. 19. 25. 30, Dec. 5. 8. 10. 12. 16, 1919 Jan. 3. 9. 14. 17. 22 Feb. 24, Mar. 4. 7. 14. 20. 25, Apr. 1. 8.
May 6. 13. 14. 29. 31, June 6. 12. 19. 26, July, 2. 5. 7. 22. 25. 29, Aug 1. 4. 6. 14. 15. 18. 21. 27, Sept. 1. 3. 5. 9. 11. 16. 19. 24

Surveyor's Signature

J. M. Ilwena

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Total No. of Visits 56