

With or Without  
Disconnected Erections.

WRECK  
SECTION

STEEL STEAMER.

WRECK  
SECTION

No. 32246 WED. NOV. 3 1920  
Received at London Office

Date of completion of report  
Survey held at Belby & Hull

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

2/11/20 Port of Hull  
Date, First Survey Mar 17/20 Last Survey Oct 28<sup>th</sup> 1920

On the (State if Single, Twin or Triple Screw)

TONNAGE under 320.95

Tonnage Deck 320.95

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop 66.84

Do. of R.Q. Dk. BREAK

Do. of Bridge House 13.95

Do. of Forecastle 7.66

Do. of Houses on Dk. 7.27

Do. of excess of Hatchways 18.72

Do. above Crown of 20.03

Engine Room 466.42

Gross Tonnage 30.69

Less Crew Space 20.03

Less above Crown of 415.70

Engine Room 209.41

Navigation Spaces 34.34

Register Tonnage 191.98

as per Rule

CLASS 100A1

Breadth (greatest moulded) 25.00

Depth, at middle of length from top of keel to top of upper deck beams at side 12.00

Transverse Number 37.00

Length on deck from fore part of stem to after part of stern post 152.00

Longitudinal Number 5624

Depth "d," at middle of length (See Secs. 2 & 13) 11.02

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.66

Long Bridge Deck 9.80

Beam at side to top of keel

Destined Voyage Coasting

If Surveyed while Building Afloat, or in Dry Dock Yes

Master

Year of appointment

Built at Belby

When built 1920 Launched 6/7/20

By whom built Cochrane & Sons Ltd

Owners Robert Weir & Sons Ltd

Managers

Residence Bangor

Port belonging to Refast

(1) As Master in service of owner of present vessel—19  
(2) As Master of this vessel—19

LENGTH on Deck Feet. Inches. 152 0 BREADTH—Feet. Inches. 25 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. 12 0 No. of Decks with flat laid one  
as per Rule Do. do. do. do. Second Dk. Beams 11 0 No. of Tiers of Beams one

Dimensions of Ship per Register, Length 152.0 breadth 25.25 depth 10.80 Moulded depth, ft. 12 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 6 1/4 ins.

FRAMING.						PILLARS.					
FRAME, Angles, or Bars amidships						PILLARS In 'tween Deck, size and spacing					
Do. in peaks						" Hold					
Do. in way of Double Bottoms at Solid Floors						" Quarter 'tween Dks.,					
" at intermdt. Bkts.						" in Hold					
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate (above floor, Through Plate or Intercoastal Plate)					
" in peaks						" Rider Plate					
EVERSED FRAME, Angles						" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors					
" ENGINE SPACE						" Angles or Bulb Angles					
" BOILER SPACE						SIDE KEELSONS, Number					
RACING, depth of girder						" Angles or Bulb Angles					
LOORS, depth and thickness of Floor Plate						" Plate above floors, for length					
" at mid-line for length amidships						" Intercoastal Plate, for FULL length					
" in way of Engine and Boiler Spaces						" Attached to outside Plating with Angle					
" thickness at the ends of vessel						BILGE KEELSON, Angles					
" depth at 1/2 the half breadth, as per Rule						" Intercoastal Plate for FULL length					
" height extended at the Bilges						" Attached to outside Plating with Angle					
LOORS in Cell. Double Bottoms						SIDE STRINGERS, Number					
" state if flanged (top & bottom)						" Angle					
" Spacing of Solid floors						" Intercoastal Plate, for FULL length					
ENTRE GIRDER, in Dbl. bottom, dpth. & thknss.						" Attached to outside plating with Angle					
" Angles, Top						Upper Deck Stringer Plate, br'dth & thickness					
" Bottom						" AT BREAK (clear of Bridge)					
" to Floors						" br'dth & thickness					
" Brackets at intermdt. frmg., wdth & thknss						" (in way of Bridge)					
IDE GIRDERS, number on each side & thickness						" Angle (clear of Bridge)					
" state if flanged (top and bottom)						" Tie Plate at sides of Hatchways					
" Angles (top and bottom)						" Deck, * Iron or Steel, for FULL lng.					
" to Floors						" Thickness (clear of Bridge)					
ARGIN PLATE, depth (exclusive of flange)						" (in way of Bridge)					
" and thickness						" Wood Deck. Material & thickness					
" Angle to Outside Plating						Second Deck Stringer Plate, br'dth & thickness					
" Floors						" Angles on ditto, No.					
" Brackets at intermdt. frmg., wdth & thknss						" Tie Plates outside Hatchways					
" Height of Outside Brackets above at bilge						" Deck, * Iron or Steel, for lng.					
NER BOTTOM PLATING, breadth & thickness of Middle Line Strake						" Wood Deck. Material & thickness					
" in Engine and Boiler space						Third Deck Stringer Plate, br'dth & thickness					
" Remainder in Holds						" Angles on ditto, No.					
EAMS, Upper Deck, Single Angle, Bulb						" Tie Plates, outside Hatchways					
" Angle, Plate, Tee Bulb, or Channel						" Deck, * Material and thickness					
" In way of Long Bridge						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing						" Angles on ditto, No.					
EAMS, Second Deck, Single Angle, Bulb						" Tie Plates outside Hatchways					
" Angle, Plate, Tee Bulb, or Channel						" Deck, Material & thickness					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
EAMS, Third and Fourth Deck, Single Angle, Bulb						" Angle on ditto					
" Angle, Plate, Tee Bulb, or Channel						" Tie Plates					
" Angles on upper edge						" Deck, Material and thickness					
" Spacing						Bridge Deck Stringer Plate, br'dth & thickness					
EAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck, Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck, Material and thickness					
" Angles on upper edge						SHEATHING					
" Spacing						" PINE					



EQUIPMENT No. 626				LETTER				ANCHORS.				TONNAGE U.K. OR FOR TRAWLERS.				STEERING NO. FOR TRAWLERS.			
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.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Cwts.	qrs.	lbs.					
55161	1st Bower	12	0	10	5	0	0	14	4	0	7	12	0	0	STOCKLESS	Taylor Bros	7.18.8.20 Lissou		
55027	2nd "	12	0	7	0	0	0	13	17	0	0	12	0	0	D°	D°	7.23.7.20 Chrysdale		
55157	3rd "	8	3	7	0	0	0	10	17	0	0	8	3	0	D°	D°	7.18.8.20 Lissou		
	4th "																		
	Collective weight.	33	0	24								32	3	0					
55153	Stream	4	1	20	1	0	11	6	15	0	0	4	1	0	ORDINARY	D°	7.17.8.20 Lissou		
55154	Kedge	2	0	11	0	2	7	4	12	0	0	2	0	0	D°	D°	7.17.8.20 D°		

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower  
2nd "  
3rd "  
4th "

### CHAIN CABLES.

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.	Cwts.						qrs.	lbs.		Fathoms.	Inches.
55019	195	1 1/8	22 1/2	34 1/2	130	2	16	26	1	0	195	1 1/8	SVD	Taylor Bros	7.19.8.20 Lissou
	60	2 3/4		15 1/2											

### HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.	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.						Fathoms.	Inches.			
							TOWLINE					
							HAWSELS & WARPS	75'	2 3/8"	X	76'	2 3/8"

**Boats Two**  
**Pumps, Number Three**  
**Windlass is Steam Clark Chapman & Co.**  
**Engine Room Skylights.**—How constructed? *Steel plates & angles*  
**Coal Bunker Openings.**—How constructed? *Steel plates & angles*  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** *6 scuppers 3 ports 24"x16"x2 2 36"x20" on each side*  
**Ceiling in Holds,** thickness and material *2 1/2" Pl.*  
**Cargo Hatchways.**—How formed? *Steel plates & angles*  
**State size No. 1 Hatch (Forward)** *28'8"x13'0"* **No. 2 Hatch** *23'3 1/2"x13'0"* **No. 3 Hatch** *23'3 1/2"x13'0"*  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch *5 in 20" 1 1/4 in 20"*  
**Bulwarks,** height above deck and description *Steel 3'0"x2'25"*  
**The foregoing is a correct description.**  
**Builder's Signature (here only)** *D. Z. Buchanan*

**Steering Gear, Steam Carron Co.**  
**Steering Gear, Hand Combined**  
**Diameter of Barrel.** *4"*  
**Capstan Steam, aft.  
**What arrangements for deadlights in bad weather?** *Steel flaps & bullseyes*  
**Height above deck?** *on casing top*  
**Cargo Battens,** thickness and material *6"x2" W. Pine*  
**Hatches,** If strong and efficient? *Yes 2 1/2 solid*  
**No. 4 Hatch**  
**No. of Breasthooks** *3*  
**No. of Crutches** *Deep floors*  
**Main Rail,** material and size *Typical 7'x15' R.*  
**Surveyor's Signature** *Matthew Blackwood*  
**Surveyor to Lloyd's Register of Shipping.****

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *Secretary's letters*  
*7.25.10.19, 1.11.19, 27.11.19, 1.1.20, 14.9.20, 15.9.20, E. 17.3.20, 28.3.20*  
**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?** *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.)**  
*This vessel has been built under Special Survey, in accordance with the approved plans, the Secretary's letters referred to above and in general conformity with the Rules of this Society.  
The materials & workmanship used throughout are good.*  
**SISTER VESSEL S.S. "JUTTON" HULL R.P.N. 32213**  
*Plans with Weston*  
**The Surveyor should state the Number of Report and Name of any Sister Vessel.**  
**Plans to be forwarded with F.E. Report showing vessel as built.**  
**Fees applied for,** *4/11 1920*  
**The amount of Entry Fee .....** £ *2 : 0 : 0*  
**Special Survey Fee ....** £ *20 : 16 : 0*  
**Travelling Expenses, if any** £ *1 : 9 : 10*  
**Received by me,** *4/11/20/668*  
**Certificate to be sent to** *Three*  
**Date of issue** *25.1.21.*  
**State whether the Vessel has been built under Special Survey**  
**I am of opinion this Vessel should be Classed** *Without*  
**With, or without Freeboard, as condition of Class**  
**Committee's Minute** *TUE. NOV. 9 1920*  
**Character assigned** *100A1*  
**Lloyd's P.O.**  
**+ L.M.B. 10.20.**  
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 86.0 ft., Bridge 9.0 ft., Forecastle 28.0 (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 as should appear in the Register Book) 1 D & 5 TL

Official No. ; Signal Letters State if Machinery is fitted aft Mach aft  
How are the surfaces preserved from oxidation? Inside Cement & 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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		48
Double bottom, under Engines and Boilers,			After peak tank,		21
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,		
			(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.

Date

No. 745 in builder's yard.

DATES of Surveys held while building

1920: Mar. 17. Apr 14. 22. 24. 31. May 3. 19. 25. June 3. 14. 22. 29. July 5. 9. 16. 20. 29. Aug 18. 24. Sept 4. 13. 23. 28. Oct 20. 22. 28. 28.

Surveyor's Signature

Matthew Blackwood

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Total No. of Visits 24