

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office  
TUE 13 AUG. 1918

Date of completion of report 3<sup>rd</sup> July 1918  
Survey held at Belfast

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

Port of Belfast

Date, First Survey May 29<sup>th</sup> 1917

Last Survey 5<sup>th</sup> Aug. 1918 191

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

Steel Single Screw

BRITISH LANTERN

Rig No Sail one Marconi mast

TONNAGE under 6296.75

CLASS 100 A1

Master E. B. Loader

Year of appointment (1) As Master in service of owner of present vessel: 191-7 (2) As Master of this vessel: 191-8

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

Breadth (greatest moulded) 56.75

Built at Belfast

When built 1918-8m Launched 11<sup>th</sup> June 1918

By whom built Workman Clark & Co. Ltd.

Owners Shipping Controller

Managers British Lant. C. L.

Residence

Port belonging to London

Do. of Poop 80.95

Depth, at middle of length from top of keel to top of upper deck beams at side 33.58

Do. of R.Q. Dk. 49.45

Transverse Number 90.33

Do. of Bridge House 104.98

Length on deck from fore part of stem to after part of stern post 430.0

Do. of Houses on Dk. 206.42

Longitudinal Number 38840

Do. of excess of Hatchways

Depth "d," at middle of length (See Secs. 2 & 18) 24.33

Do. above Crown of Engine Room 156.59

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.8

Gross Tonnage 6897.16

" " Long Bridge Deck Beam at side to top of keel

Less Crew Space 326.07

Less above Crown of Engine Room 156.59

TONNAGE FOR FEES 6414.40

Less Engine Room 2207.06

Less Engr. Spaces 279.41

Tonnage 4066.52

Destined Voyage not stated

If Surveyed while Building, Afloat, or in Dry Dock ☒

On Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
Rule	430	0	Moulded	56	9	Do. do. do. do. do.	Second Dk. Beams	24	7	2

Moulded depth, ft. 33 ins. 7 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.

ons of Ship per Register, Length 430.1 breadth 57.0 depth 33.06 Moulded depth, ft. 33 ins. 7 To Upper Dk. Dk. Beam, Actual 13 1/2 ins.

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



[illegible][illegible]



## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN BRACKETS TO BULKHEADS.	
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Number.	Diameter.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				
Framing of $\frac{1}{2}$ , L & C & ...																
Frames in Bridge 'tween Decks ...																
Frames from Uppermost Continuous Deck																
Framing from Awning, Shelter or Upper Deck to Margin Plate.	L No. 1	8	3 $\frac{1}{2}$	46	A 6 $\frac{1}{2}$ x 3 $\frac{1}{2}$	40	8	3 $\frac{1}{2}$	40	A 6 $\frac{1}{2}$ x 3 $\frac{1}{2}$	40	7/8	5 $\frac{1}{2}$		8	3/8
	L " 2	8	3 $\frac{1}{2}$	46	F 6 $\frac{1}{2}$ x 3 $\frac{1}{2}$	40	8	3 $\frac{1}{2}$	40	F 6 $\frac{1}{2}$ x 3 $\frac{1}{2}$	40					
	L " 3	9	3 $\frac{1}{2}$	44	A 8 x 3 $\frac{1}{2}$	40	9	3 $\frac{1}{2}$	44	A 8 x 3 $\frac{1}{2}$	40				10	
	L " 4	9	3 $\frac{1}{2}$	46	F 8 x 3 $\frac{1}{2}$	40	9	3 $\frac{1}{2}$	46	F 8 x 3 $\frac{1}{2}$	40				11	
	L " 5	10	3 $\frac{1}{2}$	46	A 10 x 3 $\frac{1}{2}$	40	10	3 $\frac{1}{2}$	44	A 10 x 3 $\frac{1}{2}$	40			4" for 12 rivets		
	L " 6	10	3 $\frac{1}{2}$	50	F 10 x 3 $\frac{1}{2}$	44	10	3 $\frac{1}{2}$	50	F 10 x 3 $\frac{1}{2}$	40			do		
	L " 7	11	3 $\frac{1}{2}$	50	A 11 x 3 $\frac{1}{2}$	44	11	3 $\frac{1}{2}$	48	A 11 x 3 $\frac{1}{2}$	40			do	12	
	L " 8	11	3 $\frac{1}{2}$	52	F 11 x 3 $\frac{1}{2}$	46	11	3 $\frac{1}{2}$	52	F 11 x 3 $\frac{1}{2}$	48			3 $\frac{1}{2}$ for 12 rivets		
	L " 9	11	3 $\frac{1}{2}$	58	A 11 x 3 $\frac{1}{2}$	50	11	3 $\frac{1}{2}$	58	A 11 x 3 $\frac{1}{2}$	44			do		
	L " 10	11	3 $\frac{1}{2}$	64	F 11 x 3 $\frac{1}{2}$	52	11	3 $\frac{1}{2}$	64	F 11 x 3 $\frac{1}{2}$	46			do		
	L " 11	12 x 4 x 4	62 $\frac{1}{2}$		A 12 x 4 x 4	62 $\frac{1}{2}$	12 x 4 x 4	62 $\frac{1}{2}$		A 12 x 4 x 4	62 $\frac{1}{2}$			3 $\frac{1}{2}$ for 12 Riv. at B.H.	16	3/8
	L " 12	15 x 4 x 4	62 $\frac{1}{2}$		F 15 x 4 x 4	62 $\frac{1}{2}$	15 x 4 x 4	62 $\frac{1}{2}$		F 15 x 4 x 4	62 $\frac{1}{2}$			4 for 12 Riv. at Trans.	18	7/8
Spacing of Longitudinal Frames	L 13, 14	17 x 40	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$		A 17 x 40	52 $\frac{1}{2}$	17 x 40	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$		A 17 x 40	52 $\frac{1}{2}$			do	14	1 $\frac{1}{2}$
	L 17, 14	48 x 44	riders		F 48 x 44	riders	48 x 44	riders		F 48 x 44	riders			do	14	2 $\frac{1}{2}$
	L 18, 12, 15	17 x 40	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$		A 17 x 40	52 $\frac{1}{2}$	17 x 40	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$		A 17 x 40	52 $\frac{1}{2}$			do	14	1 $\frac{1}{2}$
	L 16													do		
See note re strengthening of bottom for																

Part 2 and Boiler Room																
Double Bottoms	Tank Top Longitudinals	8			8	3	46			8	3	46	7/8	5 $\frac{1}{2}$		
	Bottom				and 1 side girder					and 1 side girder			7/8	5 $\frac{1}{2}$		
Spacing of Longitudinals	Amidships															
	At Ends...	30														

Transverses.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN BRACKETS TO BULKHEADS.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Number.	Diameter.
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				
In Bridge	Depth and Thickness																
'tween Decks	Face Angles																
	Lugs to Shell*																
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	18		40				18		40							
	Face Angles	4	3 $\frac{1}{2}$	44				4	3 $\frac{1}{2}$	44							
	Lugs to Shell*	3 $\frac{1}{2}$	3 $\frac{1}{2}$	40				3 $\frac{1}{2}$	3 $\frac{1}{2}$	40				7/8	4 $\frac{1}{2}$		
In Hold.	Depth and Thickness	36		46				36		46							
	Face Angles	6	4	76				6	4	76							
	Lugs to Shell*	6	6	46				6	6	46							
	Brackets	3 $\frac{1}{2}$	3 $\frac{1}{2}$	44				3 $\frac{1}{2}$	3 $\frac{1}{2}$	44				7/8	4 $\frac{1}{2}$		
Spacing of Transverse Frames		11'9"						11'9"									
* State if joggled or liners.		Joggled						Joggled									

Longitudinal Beams of $\frac{1}{2}$ , L or E	Bridge Deck ...	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN BRACKETS TO BULKHEADS.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Number.	Diameter.
	Awg. or Shlr. Dk.																
	Upper	8	3	40	6	3	37 $\frac{1}{2}$	8	3	37 $\frac{1}{2}$	A 5 $\frac{1}{2}$ x 3	36	30+28 $\frac{1}{2}$				
	Second	8	3	40	A 6 x 3	34	8	3	40	F 8 x 3	40	30+31					
	Third																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

200,6,12.—T.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 98'5" ft., R.Q.D. ft., Bridge 33 ft., Forecastle 50 ft. (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 decks Steel

Official No. 142604 ; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint, Bitumastic Cement no coating in oil or fuel oil tanks Outside Paint.

State if Machinery is fitted aft Yes

**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.	Feet.	Tons.	Feet.	Feet.	Tons.
Double bottom, aft,			Fore peak tank,		164
Double bottom, under Engines and Boilers,			After peak tank,		60
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only, Boiler feed	34'4"	107	Deep tank, forward, Oil fuel or water Ballast.		640
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. 612

Date 28.2.17

No. 424 in builder's yard.

DATES OF SURVEYS held while building

May 29<sup>th</sup> 1917 6<sup>th</sup> Aug 5<sup>th</sup> 1918

Surveyor's Signature

Total No. of Visits 14