

With ~~and~~ Without

## STEEL STEAMER.

Received at London Office

## Disconnected Erections.

Date of completion of report  
Survey held at

Belfast

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

Date, First Survey

Port of

Belfast

Last Survey

No.

1917

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

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crown Space

Less above Crown of

Engine Room

Net Tonnage

on Beam

per Rule

400

0

BREADTH—

Moulded

52

0

DEPTH, ACTUAL—

Top of Floors to top of Upper Dk. Beams

Do. do. do. do. Second Dk. Beams

25

Inches

No. of Decks with flat laid

No. of Tiers of Beams

13

ins.

To Bridge Dk.

Round of Upper

Dk. Beam, Actual

13

ins.

To Upper Dk.

Dk. Beam, Actual

13

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Dk. Beam, Actual

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Dk. Beam, Actual

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Dk. Beam, Actual

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Dk. Beam, Actual

13

ins.

Breadth (greatest moulded)

52.00

Depth, at middle of length from top of keel to top of

upper deck beams at side

31.00

Transverse Number

83.00

Length on deck from fore part of stem to after part of

stern post

400

Longitudinal Number

33200

Depth "d" at middle of length (See Secs. 2 &amp; 3)

37.42

Proportions—Depths to Length—Upper Deck Beam at

side to top of keel

12.90

Long Bridge Deck

Beam at side to top of keel

10.20

Destined Voyage

not known

If Surveyed while Building, Afloat, or in Dry Dock

Yes

Moulded depth, ft.

38

ins.

To Bridge Dk.

Round of Upper

Dk. Beam, Actual

13

ins.

To Upper Dk.

Dk. Beam, Actual

13

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Dk. Beam, Actual

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Master

Mc Kee

Year of appointment

1917

Built at

Belfast

When built

1917

By whom built

Harland &amp; Wolff Ltd.

Owners for Shipping Controller

Thomas Dixon &amp; Son Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Midway Road Belfast

Port belonging to

Belfast

If Surveyed while Building, Afloat, or in Dry Dock

Yes

Moulded depth, ft.

38

ins.

To Bridge Dk.

Round of Upper

Dk. Beam, Actual

13

ins.

To Upper Dk.

Dk. Beam, Actual

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Dk. Beam, Actual

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ins.

## FRAMING.

NAME, Angles, or Bars amidships

8 3 38 8 3 38

in peaks

3 3 38 3 3 38

in way of Double Bottoms at Solid Floors

9 3 38 9 3 38

at intermdt. Bkts.

26 26

from 4

24 24

length to Collision bulkhead

24 24

in peaks

6 3 38 6 3 38

in way of Double Bottoms at Solid Floors

8 3 38 8 3 38

at intermdt. Bkts.

11 11

depth of girder

11 11

DOORS, depth and thickness of Floor Plate

at mid-line for 4 length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

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

height extended at the Bilges

DOORS in Cell. Double Bottoms

state if flanged (top &amp; bottom)

Spacing of Solid floors

NTREGIRDER, in Dbl. bottom, depth &amp; thickness

Angles, Top

Bottom

to Floors

Brackets at intermdt. frmg., width &amp; thkns

DE GIRDERS, number on each side &amp; thickness

state if flanged (top and bottom)

Angles (top and bottom)

to Floors

REGIN PLATE, depth (exclusive of flange)

and thickness

Angle to Outside Plating

Floors

Brackets at intermdt. frmg., width &amp; thkns

Height of Outside Brackets above at bilge

VER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

in Engine and Boiler space

Remainder in Holds

AMS, Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

Spacing

AMS, Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

Spacing

AMS, Third and Fourth Deck



EQUIPMENT No.			LETTER			ANCHORS.			TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS		
Number of Certificate.	Anchors.	WEIGHT, E.X. 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.						
12363	1st Bower ...	64 3 0	44 1 0	50 16 0	60 0 0	Peter Patent Stockless		Cardiff 20-6-17 Penn			
12364	2nd " ...	57 3 0	35 0 0	47 2 0	60 0 0	" "		" "			
12365	3rd " ...	51 2 7	31 1 0	41 6 0	50 2 0	" "		" "			
	4th " ...					" "		" "			
	Collective weight.	174 0 7			170 2 0						
12366	Stream .....	16 3 0	4 1 7	18 0 0	16 1 0	Common		20-6-17 Penn			
12367	Kedge.....	7 0 21	1 3 14	9 8 0	7 0 0	"		"			

  

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		1st Bower	2nd "	3rd "	4th "
		4-2-0 D.H. 756	1-2-17	32-0-14 D.H. 153	8-5-17
		23-2-0 D.H. 56	20-4-17		

  

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 Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Length and Size per Table 31.
	Fathoms. Ins. Dia.	Status Break-Down.	Supplied. Per Rule.	Cwts. qrs. lbs. Cwts. qrs. lbs.	Fathoms. Ins. Dia.				Fathoms. Ins. Dia.	Tons. Cwts. qrs. lbs.	Fathoms. Ins. Dia.
19499	270 2 1/2	568 1202	651-0-7 643-3-0	270 2 1/2	Steel S. Taylor & Co. Cardiff 25-5-17 Penn			TOWLINE	120 1 1/2	4 1/2	120 1 1/2
								HAWSEERS & WARPS	90 2 1/2	15 1/2	90 2 1/2
									90 2 1/2	15 1/2	90 2 1/2
									90 2 1/2	15 1/2	90 2 1/2
									90 2 1/2	15 1/2	90 2 1/2

**Boats 2 Life Boats 2 Cutters.** Steering Gear, Steam **Washie & Co.** Steering Gear, Hand Relieving Jackle  
**Pumps, Number 2** Bow Pump connected to engine section. Number of Barrel State whether they are in efficient working order **Yes**  
**Windlass is** Patent Steam direct Emerson Washie & Co. **Capstan**  
**Engine Room Skylights.**—How constructed? **Steel plates and angles.** What arrangements for deadlights in bad weather? **Bulls eyes & shutters.**  
**Coal Bunker Openings.**—How constructed? **Steel plates & angles.** How are lids secured? **Buttens & bleats.** Height above deck? **18"**  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** **8 Scuppers each side, 6 Ports each side 50"x18"**  
**Ceiling in Holds,** thickness and material **2 1/2" Pine over timbers only.** **Cargo Battens,** thickness and material **2" Pine battens & space.**  
**Cargo Hatchways.**—How formed? **Steel plates & angles.** **Hatches,** If strong and efficient? **Yes.**  
State size **No. 1 Hatch (Forward) 32'6" x 26'0"** **No. 2 Hatch 34'8" x 26'0"** **No. 3 Hatch 34'8" x 26'0"** **No. 4 Hatch 30'6" x 26'0"**  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch **6 webs 24"x38" in Nos 1-2 and 3 Hatchways webs 24"x38"**  
**No. of Breasthooks 4** **No. of Crutches Deep Floors.**  
**Bulwarks,** height above deck and description **Steel 30 Straps 8"x3"x38 R.L.** Main Rail, material and size **8"x3"x38 R.L.**  
The foregoing is a correct description.  
Builder's Signature (here only) **FOR HARLAND & WOLFF LTD** Surveyor's Signature **S.O. Kendall**  
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)  
**M 6-2-17, E 6-2-17, M 14-2-17, 10-2-17, 13-2-17, 7-3-17, 14-3-17 = 10-4-17, 7-5-17, 12-6-17, 8-6-17.**  
**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? **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. 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 in accordance with the plans approved by the Committee the Secretary's letters of the above mentioned dates and in other respects in general conformity with the Rules and the materials & workmanship are good throughout. The hull was sighted before launching & found straight. The inner surface of the bottom plating inside the ballast tanks is cemented by flushing up the outer strakes of shell plating & cement washing the inner strakes, as per the Lewis letter of the 8th June last. The engine & boiler room tank is cemented in the usual manner. The completion of this Report has been delayed through pressure of other work. The copies of approved Midship Section & Profile & Pumping plan are enclosed for reference together with five forging reports. Kindly return the plans for reference in the survey of the sister vessels N 5521-2. The special arrangements to enable the double bottom tanks to be used for carrying oil fuel have not been carried out in this vessel except as regards carrying up the sounding pipes. 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, & fitting gauge covers to the air.

The amount of Entry Fee .....	£	:	:	Fees applied for,
Special Survey Fee..... £ 300 :	0	:	0	27-8-1917
Travelling Expenses, if any £ :	:	:	:	Received by me. 20/9/17

State whether the Vessel has been built under Special Survey **Yes.** Certificate to be sent to **This Office** Date of issue  
I am of opinion this Vessel should be Classed **\* 100 A1.**  
With, or without Freeboard, as condition of Class **without.** **S.O. Kendall**  
Surveyor to Lloyd's Register of Shipping.

**Committee's Minute** **TUE. SEP.-4 1917.**  
**Character assigned** **100A1**  
**Lloyd's a.s.b.P.**  
**Wm. Bel.**  
**+ Lmb 6817**  
**7.8.**  
**© 2019**  
**Lloyd's Re Foundation**



GENERAL REMARKS—(continued).

Three at a time, about  
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36 56 30 56  
36 56 30 56

2.475 4.886

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.2 ft., R.Q.D. 10 ft., Bridge 22.7 ft., Forecastle 38.2 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 as should appear in the Register Book) 1st (44)  
Official No. 136365; Signal Letters  
State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Paint & Buffard cement, 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,	12.6	37.5	Fore peak tank,		118
Double bottom, under Engines and Boilers,	39	151	After peak tank,		185
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.

Order for Special Survey No. 609

Date 1st Feb 1917

No. 520 in builder's yard.

DATES OF SURVEYS held while building

1917 Feb 9-9-12-24 Mar 9-10-16-17-26-27 Apr 2-3-6-13-16-23-24-25-27-30 May 1-2-7-8-10-11-12-14-18-19 May 24-29-30-31 June 4-5-6-8-9-12-14-16-19-20-21-27 July 2-7-9-12-24-26-30 Aug 2-3-6-10-11-15-17 Aug 19-20

Surveyor's Signature

E. Kendall

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Total No. of Visits 63

Lloyd's Register Foundation