

With ~~or~~ Without

STEEL STEAMER.

Received at London Office

Disconnected Erections.

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

Date of completion of report 4<sup>th</sup> June 1918  
Survey held at Belfast

Port of Belfast  
Date, First Survey Nov 18<sup>th</sup> 1917

No. 7969  
Last Survey 28<sup>th</sup> May 1918

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

Single Screw Steamer "WAR LEMUR"

Rig one masted

TONNAGE under Tonnage Deck...	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	474.46
Do. of Poop	164.81
Do. of R. Q. Dk. Chart House	3.50
Do. of Bridge House	29.03
Do. of Forecastle	6.08
Do. of Houses on Dk.	130.79
of excess of Hatchways above Crown of	74.12
Engine Room	518.36
Crew Space	243.98
above Crown of	27.04
Engine Room	special fee
Navigation Spaces	1657.32
Navigation Spaces	129.79
Register Tonnage	3152.37
cut on Beam	

CLASS	100 A1
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	183.00
Length on deck from fore part of stem to after part of stern post	140.0
Longitudinal Number	133200
Depth "d," at middle of length (See Secs. 2 & 13)	18.40
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	10.25
Destined Voyage	not known
If Surveyed while Building, Afloat, or in Dry Dock	Yes

Master	J. B. Allan
Year of appointment	(1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
Built at	Belfast
When built	1918-5mo Launched 9 <sup>th</sup> May 1918
By whom built	Harland & Wolff Ltd
Owners	The Shipping Controller
Managers	J. Dunlop & Sons
Residence	Glasgow
Port belonging to	London

LENGTH on Deck as per Rule	Feet. 400	Inches. 0	BREADTH—Moulded	Feet. 52	Inches. 0	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet. 28	Inches. 6	No. of Decks with flat laid	2
						Do. do. do. do. Second Dk. Beams	19	6	No. of Tiers of Beams	2
Moulded depth, ft. 39 ins. 11 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.										
Dimensions of Ship per Register, Length 400.4 breadth 52.3 depth 28.45 Moulded depth, ft. 31 ins. 0 To Upper Dk.										

FRAMING.					
FRAME, Angles, or Bars amidships	10	13 1/2	46	10	3 1/2
Do. in peaks	8	13	38	8	3
Do. in way of Double Bottoms at Solid Floors	3 1/2	13 1/2	40	3 1/2	3 1/2
" " at intermdt. Bkts.	9	13 1/2	42	9	3 1/2
Spacing of Frames from centre to centre amidships		26			26
" " from 1/2 length to Collision bulkhead		26			26
" " in peaks		24			24
REVERSED FRAME, Angles	3 1/2	13 1/2	40	3 1/2	3 1/2
Do. in way of Double Bottoms at Solid Floors	8	31	46	8	3
" " at intermdt. Bkts.		10			10
FRAMING, depth of girder					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 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					
FLOORS in Cell. Double Bottoms			42		42
" state if flanged (top & bottom)					
" Spacing of Solid floors		78			78
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	43	150	43		50
" Angles, Top	6	6	66	6	66
" Bottom	6	6	66	6	66
" to Floors	6	6	46	6	46
Brackets at intermdt. frmg., wdth & thknss	39	42	39		42
SIDE GIRDERS, number on each side & thickness	one	42	one		42
" state if flanged (top and bottom)		flanged on top			
" Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2
" to Floors	3 1/2	3 1/2	40	3 1/2	3 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	40 1/2	48	34		48
" Angle to Outside Plating	3 1/2	3 1/2	50	3 1/2	3 1/2
" Floors	6	6	42	6	42
Brackets at intermdt. frmg., wdth & thknss	39	42	39		42
Height of Outside Brackets above at bilge		38			38
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	67 1/2	50	43		50
" in Engine and Boiler space	50 1/2	56	46 1/2		56
" Remainder in Holds		42			42
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2
" In way of Long Bridge	8	3	38	8	3
" Spacing		26			26
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	56	10	3 1/2
" Spacing		26			26
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel					
" Angles on upper edge					
" Spacing					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	38	8	3
" Angles on upper edge					
" Spacing		26			26
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2
" Angles on upper edge	8	3	38	8	3
" Spacing		26			26
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2
" Angles on upper edge					
" Spacing		26			26

PILLARS.					
PILLARS, In 'tween Deck, size and spacing	27 1/2	3 1/2	27 1/2	3 1/2	27 1/2
" " Hold					
" Quarter 'tween Dks.,					
" " in Hold					
KEELSONS & STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Under Plate					
" Flat Plate Keel Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles					
SIDE KEELSONS, Number					
" Angles or Bulb Angles					
" Plate above floors, for length					
" Intercoastal Plate, for length					
" Attached to outside Plating with Angle					
BILGE KEELSON, Angles					
" Intercoastal Plate, for length					
" Attached to outside Plating with Angle					
SIDE STRINGERS, Number					
" Angle					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	80	176	80		76
" " " br'dth & thickness (in way of Bridge)	80	48	80		48
" " Angle (clear of Bridge)	6 x 6	52	6 x 6		52
" Tie Plate at sides of Hatchways					
Deck * Iron or Steel, for full lng	76	32	48		32
" Thickness (clear of Bridge)		45			45
" (in way of Bridge)		40			40
Wood Deck, Material & thickness					
Second Deck Stringer Plate, br'dth & thickness	62	144	62		144
" Angles on ditto, No. 2	3 1/2 x 3 1/2	44	3 1/2 x 3 1/2		44
" Tie Plates outside Hatchways					
Deck * Iron or Steel, for full lng	40	outside line of hatchways			
Wood Deck, Material & thickness		36			36
Third Deck Stringer Plate, br'dth & thickness					
" Angles on ditto, No.					
" Tie Plates outside Hatchways					
Deck * Material and thickness					
Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
" Angles on ditto, No.					
" Tie Plates outside Hatchways					
Deck * Material and thickness					
Poop Deck Stringer Plate, breadth & thickness	35	30	35		30
" 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	25	sheathed with 3" P.Pine			
Bridge Deck Stringer Plate, br'dth & thickness	55	54	55		54
" Angle on ditto	6 x 6	48	6 x 6		48
" Tie Plates					
" Deck, Material and thickness		40			40
Forecastle Deck Stringer Plate, br'dth & th'kns	35	130	35		130
" 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		30			30



Form No. 14. WEB FRAMES. In Fore Body, No. and spacing. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Forgings or Castings. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D. Table 22. Speed under 12 knots A x D = 504. Main-Piece, diameter at head. Thickness of Plates or Single Plate. BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Riveting. Upper Deck Stringer Plate. Second Deck Stringer Plate. FRAMES extend in one length from Middle line to margin plate & thence to gunwale. REVERSED FRAMES on floors and frames extend from Middle line to margin plate. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails, none. Suit of.

EQUIPMENT No. 34765. LETTER "Y". ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. Length and size supplied. Test per Certificate. WRIGHT OF CHAIN CABLE. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. HAWSERS AND WARPS. Length and size supplied. Breaking Test of Steel Wire. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Steering Gear, Steam Assistive &c. Steering Gear, Hand Relieving Jack. Correspondence. State dates and initials of letters respecting this case. 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? very few. 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 & the workmanship & materials are good throughout. The keel was sighted before launching & found straight. The special arrangements to enable the double bottom to be used for carrying oil fuel with a flash point above 150° Fahr. have been fitted in this vessel. The inner surface of the bottom plating has been cemented in accordance with the letter of the Deputy Controller dated 12/6/17, and the spar ceiling has been omitted from the tween decks in accordance with the letter dated 4th March 1918. Copies of approved Midship Section, Profile & Pumping plan are enclosed herewith for reference together with five forging reports. Kindly return the plans to this office for reference in dealing with the sister vessels of B. Type. 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. War Cobra etc. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. 100 A.I. Lloyd's A & C.P. + R.M.C. 5.18 J. H. Cargo Batten not fitted in Tween Decks carry Oil Fuel. F. Rabone 150° in.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.2 ft., R.Q.D. ✓ ft., Bridge 112.7 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 dks (Stl)

Official No. 142429 ; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside paint & portland cement. Outside paint.

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,	<u>126</u>	<u>380</u>	Fore peak tank,		<u>122</u>
Double bottom, under Engines and Boilers,	<u>39</u>	<u>151</u>	After peak tank,		<u>181</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>130</u>	<u>592</u>	Other tanks, if fitted,		
		Total capacity of double bottom <u>1123</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 3

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 621

Date 27-3-17.

No. 532 in builder's yard.

DATES of Surveys  
held while building

1917. Nov. 16-20-30 Dec. 4-12-31. 1918 Jan. 1-2-7-14-17-21-29. Feb. 6-13-14-18-22. Mar. 2-4-  
Mar. 13-18-28. Apr. 8-11-12-16-18-22-26-29-30 May 1-2-4-8-9-10-16-17-21-22-24-25-27-28

Total No. of Visits 4

Surveyor's Signature

S. J. Kendall

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