

No particulars of this vessel should be published in any form No. 8596/1916

(LLOYDS REGISTER.)

G. R. 130
Lloyds Register.

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyds Register of British and Foreign Shipping.

Signal Letters (if any) *J. N. C. C.*

Official Number.	Name of Ship.	No., Date, and Port of Registry.
<i>139174</i>	<i>"Birchleaf"</i>	<i>178 in 1916.</i> <i>London</i>
No., Date, and Port of Previous Registry (if any).		
Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.
<i>British</i>	<i>Steam Ship Screw</i>	<i>Sunderland</i>
When Built.		Name and Address of Builders.
<i>1916</i>		<i>Short Brothers Ltd. Sunderland</i>
Number of Decks	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	Feet. Tenth.
<i>Two</i>	<i>Two</i>	<i>405 8</i>
Number of Masts	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	<i>404 8</i>
<i>Two</i>	<i>Two</i>	<i>52 -</i>
Whether rigged	Main breadth to outside of plank	<i>31 5</i>
<i>Schooner</i>	Depth in hold from tonnage deck to ceiling at midships	<i>- -</i>
<i>Elliptical</i>	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	<i>35 5</i>
<i>Clincher</i>	Depth from top of beam amidships to top of keel	<i>34 7</i>
<i>None</i>	Round of beam	<i>1 -</i>
<i>Straight</i>	Length of engine room, if any	<i>60 -</i>
Framework and description of vessel		
<i>Steel cargo</i>		
Number of Bulkheads		
<i>Sixteen</i>		
Number of water ballast tanks, and their capacity in tons		
<i>Six; 918 tons</i>		

PARTICULARS OF DISPLACEMENT.

to quarter the depth from weather deck at side amidships } *12200* Tons. Ditto per inch immersion at same depth } *42.1* Tons.

PARTICULARS OF PROPELLING ENGINES, &c. (if any).

Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines. No. and Diameter of Cylinders in each set.	Length of Stroke.	Rotary Engines. No. of Cylinders in each set.	N. H. P. I. H. P. Speed of Ship.
<i>Reciprocating tri-compound direct acting</i>	<i>Engines. British</i>	<i>Engines. 1916</i>	<i>Engines. John Dickenson & Sons, Ltd.</i>	<i>Three 24 1/2"</i>	<i>40"</i>	<i>✓</i>	<i>465 2330 10 1/4 knots</i>
Particulars of Boilers.	<i>Boilers. British</i>	<i>Boilers. 1916</i>	<i>Boilers. Sunderland</i>	<i>45"</i>	<i>75"</i>		
Description of Boilers.							
<i>Three Multitubular</i>							
<i>Steel</i>							
<i>100 lbs.</i>							

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Tonnage Deck	<i>5535.89</i>	On account of space required for propelling power	<i>1049.46</i>
For spaces between Decks		On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew	
For Trunk		These spaces are the following, viz.:-	
For Mast	<i>19.43</i>	<i>Officers & Engineers 110.75</i>	<i>257.64</i>
For Break	<i>235.13</i>	<i>Seamen, Firemen, &c. 146.89</i>	
For Houses	<i>82.85</i>	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-	
For House		Cubic Metres	
For machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act,		<i>Master's Accommodation 0.70</i>	
of Hatchways		<i>Boatswain's Store 24.14</i>	
Gross Tonnage	<i>5043.30</i>	<i>Chart House 6.60</i>	<i>181.47</i>
Less Deductions, as per Contra	<i>2318.54</i>	<i>Water Ballast Space 103.00</i>	
Registered Tonnage	<i>3554.93</i>	<i>Pump Room Space 39.12</i>	
		Total	<i>2318.54</i>

The tonnage of the engine room spaces below the Upper Deck is *843.80* tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is *121.93* tons.

The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

portion of Forecastle, length 31.8 feet. = 39.72 tons

Name of Master	Certificate of { Service No. Competency No.
Owners	
Residence, and Description of Managing Owner if there are more owners than one.	
<i>Lane and Macandrew, Limited, of 3, Gracechurch Street, in the City of London, Sixty-four Shares.</i>	
<i>William Davies, of 3, Gracechurch Street, London, E.C.3. designated manager</i>	

Angles on upper edge
Spacing

Deck. Material and thickness
* If Iron or Steel Deck, state if whole or part, and if wood