

# REPORT ON MACHINERY. No. 26835

Received at London Office NOV. 1916

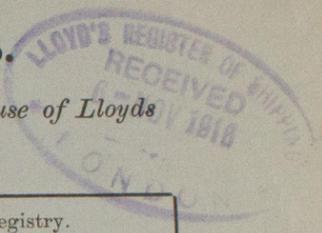
When handed in at Local Office 31<sup>st</sup> Oct 1916 Port of Sunderland

## (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)

Official Number.	Name of Ship.	No., Date, and Port of Registry.
133585	Lighthouse	13/1916 Newcastle

No., Date, and Port of Previous Registry (if any) First Registry

Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
British	Screw Steamer	Sunderland	1916	Messrs John Brown & Sons, Sunderland

Number of Decks ... ..	one	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ... ..	Feet.	Tenths.
Number of Masts ... ..	Two		268	0
Rigged ... ..	Fore & aft Schooner	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ... ..	267	71
Stern ... ..	Elliptical		37	90
Build ... ..	Clunkies	Main breadth to outside of plank ... ..	17	60
Galleries ... ..	none		—	—
Head ... ..	Straight	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ... ..	20	54
Framework and description of vessel ... ..	Steel Bulbs angles		19	89
Number of Bulkheads ... ..	Four	Depth from top of deck at side amidships to bottom of keel	41	00
Number of water ballast tanks, and their capacity in tons ...	See Tanks 58 8 tons		—	—
		Round of beam ... ..		
		Length of engine room, if any ... ..		

#### PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... .. } 3276 Tons. Ditto per inch immersion at same depth ... .. } 20.53 Tons.

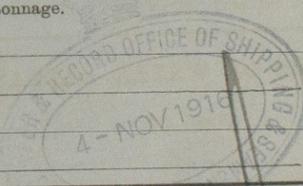
#### PARTICULARS OF PROPELLING ENGINES, &c. (if any).

No. of sets of Engines.	Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines.		Rotary Engines.	N. H. P. I. H. P. Speed of Ship.
					No. and Diameter of Cylinders in each set.	Length of Stroke.		
1	Triple Expansion	British	1916	North Eastern Marine Eng. Co Sunderland	Three	39	—	199 N.H.P. 1100 I.H.P. 10 knots
1	Particulars of Boilers. Description ... .. Number ... .. Iron or Steel ... .. Loaded Pressure ... ..	British	1916	—	33	54	—	

#### PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck ... ..		1488.53	On account of space required for propelling power		600.12
Space or 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		
Turret or Trunk ... ..		38.06	These spaces are the following, viz.:- Officers, Engineers & Crew		73.86
Forecastle ... ..		71.37	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-		
Bridge space ... ..		103.70	Cubic Metres		
Peep or Break ... ..	Peep	51.33	Master's accommodation 10.29		
Side Houses ... ..		10.44	Boatswain's Store 18.75		
Chart House ... ..		5.74	Chart House 5.74		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ... ..		186.20	Water Ballast Space 62.89		
Excess of Hatchways ... ..		1875.37	Total ... ..		99.67
Gross Tonnage ... ..		771.65			
Deductions, as per Contra ... ..		1103.72			
Registered Tonnage ... ..		3123.53			771.65

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 245.80 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 78.4578 tons. 45.  
NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.



Name of Master	William Henry Metcalf	Certificate of Service Competency	No. 031533
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No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.  
 John William Witherington, and Harry Poore Everett,  
 1st of Exchange Buildings, Newcastle on Tyne, Shipowners  
 Joint owners & managing owners

Dated 23<sup>rd</sup> October 1916

