

# (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. R. P. F.

Official Number.	Name of Ship.	No., Date, and Port of Registry.			
140450	"War Grange"	421 in 1917 London			
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.	When Built.	Name and Address of Builders.	
British	Steam Ship Single Screw	Waller-on-Syne	1917	Sir W. G. Armstrong Whitworth & Co. Ltd. Newcastle-on-Tyne	
Number of Decks	... One	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	... 331	Feet.	Tenths.
Number of Masts	... One	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	... 331	46	7.5
Rigged	... Not	Main breadth to outside of plank	... 23	1.5	
Stern	... Elliptical	Depth in hold from tonnage deck to ceiling at midships	... 26	4.0	
Build	... Clincher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	... 25	7.4	
Galleries	... None	Depth from top of beam amidships to top of keel	... 44	9	
Head	... None	Depth from top of deck at side amidships to bottom of keel	...		
Framework and description of vessel	... Steel, cargo vessel	Round of beam	...		
Number of Bulkheads	... Seven	Length of engine room, if any	...		
Number of water ballast tanks, and their capacity in tons	... nine 948 tons				

### PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel... 6371 Tons. Ditto per inch immersion at same depth... 30.3 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. 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.
One	Triple expansion surface condensing direct acting vertical inserted engine	Engines. British	Engines. 1917	Engines. North Eastern Marine Engineering Co. Ltd.	Three 25"	45"	—	431
No. of Shafts.	Particulars of Boilers.	Boilers. British	Boilers. 1917	Boilers. Do. Wallend-on-Syne	41"	60"	—	2300
One	Description... Cyl. Multi. Number... 3 Iron or Steel... Steel Loaded Pressure... 180 lbs.	Do.	Do.	Do.				11 1/2 knots

### PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	2043.16	On account of space required for propelling power	992.04
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	4.90	These spaces are the following, viz:—	149.36
Forecastle	20.54		
Bridge space	87.03		
Poop or Break	44.30		
Side Houses	22.70		
Deck Houses			
Chart House			
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894			
Excess of Hatchways	44.41		
Gross Tonnage	3100.12	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Deductions, as per Contra	1254.73	Cubic Metres	
Registered Tonnage	1045.39	Master's Accommodation 0.30 Boatswain's Stairs 14.15 Chart House 6.44 Wireless Tel. House 9.00 Water Ballast Spaces 32.33 Total 43.08	113.33
			1254.73

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 503.60 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 87.53 tons.

NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

Open Forecastle etc.	Length 27.3 feet = 36.61 Tons
Open Bridge Space	" 98.0 " = 243.73 "
Open Space at after end of Bridge	" 2.1 " = 4.09 "

Name of Master	Certificate of { Service No. Competency No.
No. of Owners	
Name, Residence, and Description of Managing Owner if there are more owners than one.	
His Majesty represented by the Shipping Controller. Sixty-four Shares. Francis Baker Steel, of Steel, Young & Co. of 82, Benchurch Street, London, E.C.3 designated manager.	
Dated	22nd December, 1917.