

REPORT ON MACHINERY.

No. 7538

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(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. L. N. D.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
137,467	Orbita	61 1915 Liverpool
No., Date, and Port of Previous Registry (if any). <u>New Vessel</u>		
Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.
British	Steamship Triple screw	Belfast
When Built. 1915		
Name and Address of Builders. Harland & Wolff Ltd Belfast		
Number of Decks	Three and shade deck	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post
Number of Masts	Two
Rigged	Schooner	Length at quarter of depth from top of weather deck at side amidships to bottom of keel
Stern	Elliptical
Build	Clashet	Main breadth to outside of plank
Galleries	none	Depth in hold from tonnage deck to ceiling at midships ...
Head	none	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards
Framework and description of vessel	Steel cargo passenger	Depth from top of beam amidships to top of keel
Number of Bulkheads	ten	Depth from top of deck at side amidships to bottom of keel
Number of water ballast tanks, and their capacity in tons	13 = 2234 tons	Round of beam
		Length of engine room, if any
		Feet. 550
		Tenths 3
		549
		67
		34
		43
		47
		47
		137
		3

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel 27,900 Tons. Ditto per inch immersion at same depth 73 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.
Two	Balanced reciprocating triple expansion, direct acting, inverted cylinders	Engines.	Engines.	Engines.	Eight		One	1362
one	Particulars of Boilers.	British	1914	Harland & Wolff	2 = 26 1/2		low	8450
No. of Shafts.	Horizontal cylindrical Description, return link Number of plates Iron or Steel Loaded Pressure	Boilers.	Boilers.	Boilers.	2 = 42	4'-3"	pressure	14 knots
Three	215 lb per sq. in	British	1914	Ltd Belfast	2 = 47 1/2		turbine	

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	9858.92	On account of space required for propelling power	5017.04
Space between Decks	2566.57	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		These spaces are the following, viz.:—	
Forecastle ... (Elongated)	1611.27	Crew spaces in elongated fore-castle, poop, between decks, deck houses	302.76
Bridge space			
Poop or Break Houses, under	305.51		
Side Houses			
Deck Houses	1327.03		
Chart House	8.84		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Excess of Hatchways		Cubic Metres	Tons
Gross Tonnage	15678.24	Master's Accommodation	19.34
Deductions, as per Contra	5538.58	Boatsteward's Stow	60.97
Registered Tonnage	10139.66	Chart Space	8.84
		Water Ballast Tanks	129.63
		Total	5538.58

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 2366.22 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 303.05 tons.

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

Open passageways aft at sides of elongated fore-castle length 98.9 feet = 150.03 tons; open spaces in poop length 25.4 feet = 24.78 tons. Open space between elongated fore-castle and poop length 43.2 feet = 204.68 tons; open verandah in shade deck length 7.70 feet = 27.00 tons. Open passageways forward on promenade deck, length 20.3 feet = 53.65 tons. Open verandah on promenade deck, length 10.2 feet = 40.29 tons

Name of Master	Certificate of { Service No. Competency No.
No. of Owners	Robert Robertson Lamb
Name, Residence, and Description of Managing Owner if there are more owners than one.	of 31 James Street, Liverpool
The Pacific Steam Navigation Company having its principal place of business at 31 James Street, Liverpool.	designated the person to whom the management of the vessel is entrusted by and on behalf of the owners. Advice received 6 day of July 1915, under the hand of the Public Officer of the shipping Company.
Sixty four shares.	
Dated 10th July 1915	

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