

REPORT ON MACHINERY

No particulars of this vessel should be published in any form M. 8396/1916.

(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. P. B.

Official Number. 139169		Name of Ship. "Palmleaf"		No., Date, and Port of Registry. 166 in 1916. London.	
No., Date, and Port of Previous Registry (if any). ✓					
Whether British or Foreign Built. British	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled. Steam Ship Screw	Where Built. Hartlepool	When Built. 1916	Name and Address of Builders. Javins Shipbuilding & Dry Dock Co. Ltd. Hartlepool	
Number of Decks Two		Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post		Feet. 380	Tenths. —
Number of Masts Two		Length at quarter of depth from top of weather deck at side amidships to bottom of keel		349	6.6
Rigged Schooner		Main breadth to outside of plank		51	5
Stern Elliptic		Depth in hold from tonnage deck to ceiling at midships ...		31	7.5
Build Blucher		Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards		—	—
Galleries None		Depth from top of beam amidships to top of keel		35	2.9
Head None		Depth from top of deck at side amidships to bottom of keel ...		34	5
Framework and description of vessel Steel, cargo vessel		Round of beam		1	0.4
Number of Bulkheads Sixteen		Length of engine room, if any		83	1
Number of water ballast tanks, and their capacity in tons Six 644 tons					

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... 11400 Tons.
Ditto per inch immersion at same depth ... 39.5 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. L. H. P. Speed of Ship.
One	Inverted direct acting, triple expansive, condensing	British	1916	Richardson's Westgarth & Co. Ltd. Boilers.	Three 36" 42" 40"	48"	—	476 2200 10 knots
One	Particulars of Boilers. Description: Multifibular Number: Four Iron or Steel: Steel Loaded Pressure: 100 lbs	British	1916	Hartlepool				

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck		5170.20	On account of space required for propelling power		1456.35
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			These spaces are the following, viz.:—		
Forecastle		109.98	Forecastle		220.02
Bridge space (Houses in)		59.22	Bridge		
Poop or Break		133.13	Deck houses		
Side Houses			Poop		
Deck Houses		10.41	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—		
Chart House		5.66	Cubic Metres		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894			Maslin's Accom 6.34		
Excess of Hatchways			Boatman's store 30.11		
Gross Tonnage		5488.60	Pump Room 52.95		
Deductions, as per Contra		2282.74	Chart space 5.66		
Registered Tonnage		3205.86	Water spaces 211.31		
			Total		306.37

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 469.27 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 121.56 tons.

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

Forecastle = 36.48 Tons
Bridge House = 15.02 Tons
Poop & 49.8 = 98.77 Tons

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. Lane and Macandrew Limited, of 3, Gracechurch Street, in the City of London. Sixty-four shares. William Davies, of 3, Gracechurch Street, London, E. C. designated Manager.		
Dated 16th November, 1916.		