

REPORT of SURVEY for REPAIRS &c.

(LLOYD'S REGISTER.)

G.R. 130.
Lloyd's Register.

1928

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyd's Register of British and Foreign Shipping.
Signal Letters (if any) **L.B.H.M.**

Official Number.	Name of Ship.	No., Date, and Port of Registry.
146,026	Orford.	2/1928 Barrow.

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	Steamship Twin Screw	Barrow in Furness	1928	Vickers Limited Barrow in Furness
Number of Decks	Two	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	632	Feet.
Number of Masts	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	629	Tenths.
Rigged	Two pole masts	Main breadth to outside of plank -plating	75	
Stern	Cruiser	Depth in hold from tonnage deck to ceiling at midships	33	
Build	Clincher	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 at ship's side	37	
Head	None	Depth from top of deck at side amidships to bottom of keel	37	
Framework and description of vessel	Steel Passenger & cargo	Round of beam	180	
Number of Bulkheads	eleven	Length of engine room, if any		
Number of water ballast tanks and their capacity in tons	Fourteen 1338 tons.			

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel } 24,700 Tons. Ditto per inch immersion at same depth } 93 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. S. H. P. Speed of Ship.
Two	Parsons steam Turbines with single reduction Gearing	Engines.	1928	Vickers Limited Barrow in Furness			Three	3856
Two	Particulars of Boilers. Cyl. return tube 6 D.E. 2 S.E. Number Steel Iron or Steel Loaded Pressure 215 lbs.	Boilers.	1928	Vickers Limited Barrow in Furness				19,500 19½ knots

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	12119.75	On account of space required for propelling power	6381.28
Open spaces between Decks (E & D Decks)	3227.14	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	1309.81
Turret or Trunk		These spaces are the following, viz.:—	
Forecastle (F & E Decks)	2366.83	On "G" deck	
Bridge space		Lower forecastle on "F" Deck, Forecastle on "E" deck, Bridge on "D" deck, and round houses on "D" & "A" decks	
Poop or Trunk	168.95	Certified for 419 seamen	
Side Houses		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Deck Houses	2058.83	Masters Accommodation 19.01	
Chart House		Chart Space 13.38	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894		Wireless Telegraphy Space 12.26	
Excess of Hatchways		Boatswain's Stores 26.37	223.03
Gross Tonnage	19941.50	Steering Gear space 90.01	
Deductions, as per Contra	7914.12	Water ballast spaces 62.00	7914.12
Register Tonnage	12027.38		

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 3056.31 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 649.41 tons.

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

Open space abreast openings on "F" deck aft 100 feet in length	- 384.62 Tons
Open Space aft end of bridge on "E" deck 20 feet in length	- 108.62 Tons
Open space abaft hatch on "E" deck 3 feet in length	- 3.95 Tons
Open space aft end of bridge on "D" deck 19.5 feet in length	- 41.98 Tons
Open space abaft hatch on "D" deck 3 feet in length	- 3.95 Tons
Open space aft end of house on "B" deck 2.2 feet in length	- 6.54 Tons

Name of Master	Certificate of { Service No. 106 Competency No.
No. of Owners	
Name, Residence, and Description of Managing Owner if there are more owners than one.	William Ernest Prichard of Naval Construction Works, Barrow-in-Furness, Commercial Manager of 64 Vickers Ltd.—Manager— Westminster, Sixty-four Shares 64.
Dated	24th February, 1928.

