

(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. P. G. R.

Official Number. 137548	Name of Ship. "Helium"	No., Date, and Port of Registry. 20-1917 Liverpool
No., Date, and Port of Previous Registry (if any). New vessel		

Whether British or Foreign Built. British	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled. Steamship Single Screw	Where Built. Selby	When Built. 1917	Name and Address of Builders. Messrs. Cochrane & Sons Ltd. Selby.
Number of Decks ...	One	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ... Length at quarter of depth from top of weather deck at side amidships to bottom of keel ... Main breadth to outside of plank ... Depth in hold from tonnage deck to ceiling at midships ... Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ... Depth from top of beam amidships to top of keel ... Depth from top of deck at side amidships to bottom of keel ... Round of beam ... Length of engine room, if any ...	Feet. 135	Tenths. 2
Number of Masts ...	Two			
Rigged ...	Yawl			
Stern ...	Elliptical			
Build ...	Clinker			
Galleries ...	-			
Head ...	-			
Framework and description of vessel ...	Steel, cargo vessel			
Number of Bulkheads ...	Three			
Number of water ballast tanks, and their capacity in tons ...	One, fore Peak, 30 tons			

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ...	453 Tons.	Ditto per inch immersion at same depth ...	5.8 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.		
One	Reciprocating triple expansion direct acting vertical	Engines.	Engines.	Engines.	Three			69.3
	Particulars of Boilers.	Boilers.	Boilers.	Boilers.	12"			450
One	Particulars of Boilers. Number Description Iron or Steel Loaded Pressure	British	1917	Polmers Shipbuilding & Iron Co. Ltd. Hebburn-on-Tyne	20"	24"		9.25

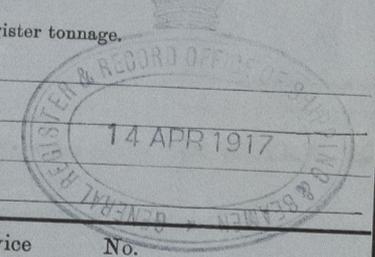
PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck ...		205.78	On account of space required for propelling power		137.01
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 ...		13.56	Forecastle Bridge & Round House	25.09	
Bridge space ...		11.64			
Pop or Break ...		35.83	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-		
Side Houses ...		4.44	Cubic Metres		
Deck Houses ...		4.03	Master's Accommodation	3.40	
Chart House ...			Basin's Store	5.50	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		25.28	Chart Space	4.03	
Excess of Hatchways ...			Water Ballast Spaces	12.31	
Gross Tonnage ...		300.89	Total		108.14
Deductions, as per Contra ...		188.14			
Registered Tonnage ...		112.75			

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **83.13** tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is **20.93** tons.

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

nil



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.
The United Alkali Company Limited, of Cunard Buildings, Liverpool. Sixty-four shares.
Daniel Downey, of Cunard Buildings, Liverpool. designated manager.

Dated **5th April, 1917.**

