

(LLOYD'S REGISTER.)

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 Shipping.

Signal Letters (if any)

G.N.G.R.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
166247	Scientist	29/1938, Liverpool.

No., Date, and Port of previous Registry (if any).

Whether British or Foreign Built.	Whether a Sailing, Steam, or Motor Ship, if Steam or Motor Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
British	Steam Ship Single Screw	Port Glasgow	1938	Lithgows Limited, Port Glasgow.
Number of Decks	Two	Length from fore part of stem, to the aft side of the head of the stern post		Feet. 438
Number of Masts	Two	Main breadth to outside of plank		Tenths. 7.0
Rigged	Not	Depth in hold from tonnage deck to ceiling amidships		56
Stem	Straight	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards		29
Stern	Cruiser	Depth from top of deck at side amidships to bottom of keel		32
Build	Clencher	Round of beam		1
Framework and description of vessel	Steel	Length of engine room, if any		103
Number of Bulkheads	7 & 1 Partial			6.0

Particulars of propelling Engines, etc., (if any), and Water Ballast Tanks, as supplied by Builders, Owners, or Engine Makers.

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. B. H. P. I. H. P. Estimated Speed of Ship.
1	Reciprocating Direct Acting Inverted Cylinder Triple Expansion with Bauer-Wach Exhaust Turbine	Engines.	Engines.	Engines.	Three			867
		and	and	and	29"	54"	-	5350
					47"			14 1/2
					81"			Knots
No. of shafts.	Particulars of Boilers.							
	Description. Horizontal Return Tube	Boilers.	Boilers.	Boilers.				
	Number Three							
	Iron or Steel Steel	British	1938	David Rowan & Co. Ltd., Glasgow.				
	Loaded Pressure 215 lbs. / sq. in.							

Number of water ballast tanks, and their capacity in tons:— 6 in D.B. = 1199 Tons.

Fore Tank = 732 Tons. Fore Peak = 71 Tons. Aft Peak = 62 Tons.

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	5721.99	On account of space required for propelling power	1983.58
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	269.04
Turret or Trunk	-	These spaces are the following, viz.:— Spaces in Bridge & Poop & in Houses above Upper Deck.	
Forecastle	81.59	(Number of seamen or apprentices for whom accommodation is certified: 55 or 84.) (including 71 Lascars.)	
Bridge space (Houses in)	158.97	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Poop or Break	62.58	Masters Accommodation 13.57	
Side Houses	130.02	Chart Space 3.60	
Deck Houses	3.60	Wireless Tel. Space 4.08	
Chart House	-	Boatswain's Store 38.06	
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	-	Steering Gear Space 56.90	
Excess of Hatchways	39.94	Water Ballast Spaces Total 35.65	
Gross Tonnage	6198.69	Cubic Metres. 17542.29	151.86
Deductions, as per contra	2404.48		
Register Tonnage	3794.21		2404.48

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 1077.79 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 173.69 tons.

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

Forecastle	L. 41.9 Ft. = 86.85 Tons.
Bridge Part I	L. 47.2 Ft. = 172.15 Tons.
Bridge Part II	L. 58.5 Ft. = 184.49 Tons.
Bridge Part III (Port)	L. 22.5 Ft. = 9.21 Tons. (Starboard) L. 22.5 Ft. = 9.21 Tons.
Open Space Aft End of Bridge	L. 13.5 Ft. = 36.49 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.			
The Charente Steam Ship Co. Ltd., Mersey Chambers, Liverpool.			
Manager: Charles Blackburn of same address.			
Sixty-four Shares.			

Dated 12th August, 1938.

40. Wt. 17581/626. 500. 8/36. W.y.P.C. 613.
79. Wt. 28793/645. 10/0. 12/36.

Mr. Dahn