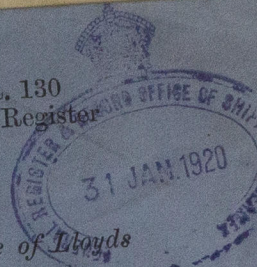


Date of completion of report
Survey held at
On the

24.1.20
Port of
Date, First

G. R. 130
Lloyds Register



(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)

K.D.M.P.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
143610	Harmonides	5/1920 Liverpool
No., Date, and Port of Previous Registry (if any).	Where Built.	When Built.
New Vessel	Irvine	1920
Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Name and Address of Builders.
British	Steamship Single Screw	Agrethore Dockyard Irvine Co. Ltd.
No. of Decks	Two	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post
No. of Masts	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel
...	Elliptical	...
...	Blunder	...
...	none	...
...	Straight	...
Work and description of cargo	Steel	...
Number of Bulkheads	Seven	...
Number of water ballast tanks, and their capacity in tons	Five	...

PARTICULARS OF DISPLACEMENT.

Length of engine room, if any ...
Ditto per inch immersion at same depth ... 41.2 Tons.
Quarter the depth from weather deck at side amidships to bottom of keel ... 10600 Tons.

PARTICULARS OF PROPELLING ENGINES, &c. (if any).

Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	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.
Inverted Cylinder Triple Expansion Engines.	British	1919	J. G. Hancock & Co. Ltd.	Three 24" 44" 43"	48"	—	514 2700 11 Knots
Particulars of Boilers.	Boilers.	Boilers.	Boilers.				
Number of Boilers.	British	1919	Greenock				

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	4445.20	On account of space required for propelling power	1692.30
Space or spaces between Decks	11.50	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	
Fore or Trunk	45.85	These spaces are the following, viz.:—	
Forecastle	159.69	Side houses in Bridge Round	292.94
Bridge space	50.76	houses on Bridge	
Coop or Break	151.10		
Side Houses	5.14		
Deck Houses	39.55	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Chart House	49.66	Cubic Metres	156.00
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	5288.45	Master's Store	25.43
Excess of Hatchways	2141.24	Chart House	5.14
	3144.21	Wireless house	4.83
		Water Ballast spaces	102.58
		Total	2141.24

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 648.82 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 108.01 tons.

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

Forecastle 37.5 = 48.85 Bridge Space 112.7 =
Fore hatch, side Round houses 11.63 Less 6.13 Bearings Hatch, Side Round houses Steering Engine house
64.22

Passages on Bridge 31.0 x 2 = 24.52 Passage 3.6 = 8.04

Name of Master William John Hughes Certificate of Service No. 031272 Competency No.

No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.
British & South American Steam Navigation Company Ltd
10 Dale Street, Liverpool — Sixty four Shares.
William James Delton same address — Manager

Dated 13th January 1920



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Lloyd's Register Foundation