

## (LLOYD'S REGISTER.)

G.R. 130.  
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 British and Foreign Shipping  
Signal Letters (if any) L.G.T.Q.

Official Number.	Name of Ship.	No., Date, and Port of Registry.		
162,538.	Harpa.	18 in 1931 London.		
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	Motor Ship <sup>Twin</sup> Screw.	Hebburn-on-Tyne.	1931	R & W Hawthorn Leslie & Co., Limited, Hebburn-on-Tyne.
Number of Decks	One	Length from fore part of stem, under the bowsprit, to the		Feet.
Number of Masts	Two	aft side of the head of the stern post		305
rigged	Schooner	Length at quarter of depth from top of weather deck at		
tern	Elliptical	side amidships to bottom of keel		304
uild	Clincher	Main breadth to outside of plank		50
alleries	None	Depth in hold from tonnage deck to ceiling at midships		19
Lead	Straight	Depth in hold from upper deck to ceiling at midships, in the		
ramework and description of	Steel Cargo	case of three decks and upwards		--
essel		Depth from top of beam amidships to top of keel		20
umber of Bulkheads	Eleven	Depth from top of deck at side amidships to bottom of keel		19
umber of water ballast tanks,	Two	Round of beam		1
and their capacity in tons	107 tons.	Length of engine room, if any		53

## PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships } 4905 Tons.  
to bottom of keel }  
Ditto per inch immersion at same } 30.92 Tons.  
depth }

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

No. of Engines.	Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines.		Rotary Engines.	N. H. P. B.H.P. I. H. P. Speed of Ship.
					No. of Cylinders in each set.	Length of Stroke.		
Two	Internal Combustion Four Stroke Single Acting Direct Acting Vertical.	Engines. British	Engines. 1931	Engines. R & W Hawthorn Leslie & Co., Limited.	Six			380
	Particulars of Boilers.							
	Description. Cylindrical Multitubular	Boilers. British	Boilers. 1931	Boilers. St. Peters Works Newcastle-on-Tyne	460 m/m	900 m/m	-----	1400 1900
Two	Number. One							
	Iron or Steel. Steel							
	Loaded Pressure. 150 lbs.							10 1/2 Knots

## PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	2251.41	On account of space required for propelling power	962.20
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	
Water or Trunk &c.	297.36	In Forecastle, Bridge, Poop and Round Houses.	274.33
Forecastle	100.19	These spaces are the following, viz.:-	
Bridge space	124.10	(Number of Seamen or Apprentices for whom accommodation is certified.....48.....).	
Top or Break	120.14		
Deck Houses	90.11		
Part House	6.49		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	16.29	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-	
Cross of Hatchways	.77	Master's Accommodation 17.20 )	
		Chart Space 6.49 )	
		Cubic Metres Wireless Space 5.51 )	
Gross Tonnage	3006.86	Boatswains Storerooms 19.70 )	140.70
Deductions, as per Contra	1377.23	Pump Spaces 16.38 )	
Register Tonnage	1629.63	Steering Gear Space 6.24 )	
		Water Ballast Space 69.18 )	1377.23

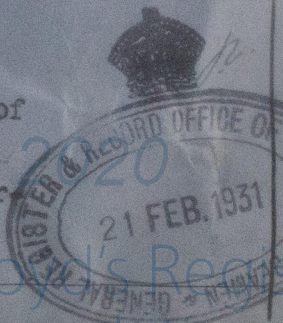
1.—The tonnage of the engine room spaces below the Upper Deck is 375.33 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 161.83 tons.

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

Open Passageway between Nos. 1 and 2 Roundhouses on Trunk L.19.8' - 8.03 tons.

Name of Master	Certificate of { Service No. Competency No.
Name, Residence, and Description of Managing Owner if there are more owners than one.	
The Anglo-Saxon Petroleum Company Limited, St. Helen's Court, Leadenhall Street, London.	
Shares:- Sixty-four.	
dated 5th February, 1931.	

412) Wt. 2855/169 Gp. 144 2000 5-29 W &amp; S Ltd.

Andrew Agnew of  
same address  
- Manager

WH34-0007

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