

## (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) K. D. B. Q.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
1143950	Arana	422 in 1919 London
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.
British	Steam Ship Single Screw	Painthouse
When Built.	Name and Address of Builders.	
1919	A. J. Inglis & Co. Painthouse Glasgow	
Number of Decks ...	Two	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ...
Number of Masts ...	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ...
Rigged ...	Schooner	Main breadth to outside of plank ...
Stern ...	Bruiser	Depth in hold from tonnage deck to ceiling at midships ...
Build ...	Glincher	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 ...
Head ...	none	Depth from top of deck at side amidships to bottom of keel ...
Framework and description of vessel ...	Steel cargo vessel	Round of beam ...
Number of Bulkheads ...	Six	Length of engine room, if any ...
Number of water ballast tanks, and their capacity in tons ...	Seven = 920 tons	

## PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... 503.4 Tons. Ditto per inch immersion at same depth ... 26.2 Tons.

## PARTICULARS OF PROPELLING ENGINES, &amp;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. I. H. P. Speed of Ship.
One	Vertical Triple Expansion	British	1919	A. J. Inglis & Co.	Three 22"	39"		26.3
No. of Shafts.	Particulars of Boilers. Description ... Number ... Iron or Steel ... Loaded Pressure ...	Boilers.	Boilers	Boilers.				
One	Single vertical tube Steel 180 lbs	British	1919	Painthouse	36" 59"			1600 10 knots

## PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck ...	2242.15	On account of space required for propelling power	801.24
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 ...	4.56	These spaces are the following, viz.:—	144.43
Forecastle ... (Houses in)	15.39	Poop, Round and Side Houses	
Bridge space (do)	87.64		
Poop or Break	25.10		
Side Houses	52.34		
Deck Houses	4.19		
Chart House			
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Excess of Hatchways ...	39.43	Cubic Metres	
Gross Tonnage ...	2503.86	Master 5.49	
Deductions, as per Contra ...	1046.89	Boatwain's stores 9.44	
Registered Tonnage ...	1456.97	Chart spaces 4.19	100.92
		Wireless Telegraphy 4.42	
		Water ballast spaces 77.05	
		Total ...	1046.89

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 411.54 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 88.38 tons.

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

Forecastle length 31.3 ft	= 55.98	= 46.01 Tons
Panageways above bridge length 25 ft x 2	= 14.40	
Bridge space length 80 ft	= 244.14	
Less deductions	84.41	162.43

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.	
Mac Andrews & Co Limited having its principal place of business at Suffolk House Laurence Pountney Hill in the City of London	William Lewis of same address manager
Dated 12th December 1919.	

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