

GLASS CONTEMPLATED.

(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) C.C.Q.V.

Official Number.	Name of Ship.	No., Date, and Port of Registry.		
168770	EMPIRE MACKAY	26/1943 GLASGOW		
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: Screw	GLASGOW	1943	Harland and Wolff Limited Govan, Glasgow
Number of Decks ...	One	Length from fore part of stem, to the aft side of the head of the stern post ...		Feet. 463
Number of Masts ...	One			Tenths. 2.0
Rigged ...	Not rigged	Main breadth to outside of plank ...		61
Stem ...	Straight	Depth in hold from tonnage deck to ceiling amidships ...		33
Stern ...	Cruiser	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards ...		-
Build ...	Clencher	Depth from top of deck at side amidships to bottom of keel		33
Framework and description of vessel ...	Steel-Tanker	Round of beam ...		1
Number of Bulkheads ...	Sixteen	Length of engine room, if any ...		78

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.		Rotary Engines.	N.H.P. B.H.P. I.H.P. Estimated Speed of Ship.
One	Reciprocating Internal Combustion, Direct Acting, Vertical	Engines.	Engines.	Engines.	No. and Diameter of Cylinders in each set.	Length of Stroke.	No. of Cylinders in each set.	255 3200 (Est.)
One	Particulars of Boilers.	and	and	Glasgow	Six			
One	Description S.E. Scotch ... Number ... Two ... Iron or Steel ... Steel ... Loaded Pressure ... 150 lbs. sq. in.	Boilers.	Boilers.	Boilers.	740 M/M	1500 M/M		4000 (Est.) 11½ Knots
		British	1943	Harland & Wolff Ltd. Belfast				

Number of water ballast tanks, and their capacity in tons:— Six = 624 tons.

002498-002505-0245

[P.T.O.]

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	<u>7215.04</u>	On account of space required for propelling power	1960.86
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.	1018.11
Turret or Trunk	128.16	These spaces are the following, viz. :— Poop, Round Houses and Side Houses	
Forecastle	110.77	(Number of Seamen or Apprentices for whom accommodation is certified.....122.....).	
Bridge space ... (Houses in)	217.49	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows :—	
Poop or Break	26.21	Master's Accommn. 23.89	
Side Houses	984.34	Wireless Room 31.47	
Deck Houses		Gyro Room 4.22	
Chart House	226.02	Chart Room 6.14	270.97
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894		Bosun's Stores 75.00	
Excess of Hatchways		Ballast Pump Space 16.89	
		Water Ball Total ... 113.36	3249.94
		Spaces	
Gross Tonnage	<u>8908.03</u>	Cubic Metres. 25209.72	
Deductions, as per contra	<u>3249.94</u>	9197.33	
Register Tonnage	<u>5658.09</u>	16012.39	

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 894.47 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 226.02 tons.

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

Bridge, Length 45.7 feet = 92.91 tons

Name of Master	Certificate of { Service No. Competency No.
No. of Owners	Mgr: James Ross Robertson of the firm of The British Tanker Co. P.O.
Name, Residence, and Description of Managing Owner if there are more owners than one.	Box 6, New Zealand Avenue, Walton-on-Thames.
His Majesty represented by the) Ministry of War Transport, London.)	Sixty four - 64 -
Dated	14th September, 1943