

## (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.M.J.W.

Official Number.		Name of Ship.		No., Date, and Port of Registry.	
167617		TOWER GRANGE		305 in 1940. 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 Single Screw	Sunderland	1940	Wm. Daxford & Sons Ltd., Sunderland.	
Number of Decks ... One and shelter		Length from fore part of stem, to the aft side of the head of the stern post ...		Feet.	Tenths.
Number of Masts ... Two		Main breadth to outside of plank ...		427	6
Rigged ... Not		Depth in hold from tonnage deck to ceiling amidships ...		56	5
Stem ... Straight		Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards ...		26	5
Stern ... Cruiser		Depth from top of deck at side amidships to bottom of keel		29	2
Build ... Clencher		Round of beam ...		1	2
Framework and description of vessel ... Steel Cargo		Length of engine room, if any ...		47	2
Number of Bulkheads ... Seven - Watertight					

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.
One	Internal combustion Opposed piston type Vertical	Engines. British	Engines. 1940	Engines. Wm. Daxford & Sons, Ltd., Sunderland.	Three 600mm	Upper piston. 980m/m Lower piston. 1340m/m Total 2320m/m		301 2500 2860 12 Knots
No. of Shafts.	Particulars of Boilers.							
One	Description ..... Auxiliary Number ..... (One horizontal Iron or Steel ..... One vertical Loaded Pressure ..... 120 lbs.	Boilers. British	Boilers. 1940	Boilers. Horizontal Stockton Chemical Engineers & Riley Boilers Ltd. Vertical Stockton-on-Tees. Cochrane & Co (Annan) Ltd., Annan				

Number of water ballast tanks, and their capacity in tons: — Eight = 2576 tons.



# PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck ... ..	4684.57 ✓	On account of space required for propelling power	1672.18
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.	300.52
Turret or Trunk ... ..	49.63	These spaces are the following, viz. :—	
Forecastle ... Lower ... ..	45.10	In Poop and Round Houses	
<del>xxxxxx</del> Houses in Shelter between decks	124.32	(Number of Seamen or Apprentices for whom accommodation is certified 39)	
Poop <del>xxxxxx</del> Lower ... ..	321.93	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows :—	
Side Houses ... ..		Master's Accdn. 23.92 )	
Deck Houses ... ..		Chart Space 5.76 )	
Chart House ... ..		Wireless Tel. space 5.60 )	180.73
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ... ..		Boatswain's Stores 42.63 )	
Excess of Hatchways ... ..		Water Ballast Spaces 95.82 )	
Gross Tonnage ... ..	5225.55	Cubic Metres.	
Deductions, as per contra ... ..	2153.43	14788.31	
Register Tonnage ... ..	3072.12	6094.21	
		Total ... ..	2153.43

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 723.91 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 190.96 tons.

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

Shelter 'tween decks. Part I Length 358.6 ft. = 1788.12 tons

" " " " II " 7.9 " = 38.53 "

Name of Master	Certificate of { Service Competency	No. No.
No. of Owners		
Name, Residence, and Description of Managing Owner if there are more owners than one.	Manager: George Elias George Kulukundis	
The Tower Steamship Company Limited, Oakley Court, Windsor, Berks.	JOHN Holmby, Aveland Avenue, Torquay, Devon.	
Shares - Sixty-four.		
Dated 26th July, 1940.		