

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) **B. C. Q. P.**

Official Number.	Name of Ship.	No., Date, and Port of Registry.			
169000	EMPIRE GRENFELL	34/1941 Sunderland			
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	1941	Wm. Doxford & Sons Ltd. Sunderland.	
Number of Decks Two	Length from fore part of stem, to the aft side of the head of the stern post	Feet.	Tenths.	
Number of Masts (Two Lower Masts)	428	8	
Rigged Not (One Wireless Mast)	Main breadth to outside of plank	56	5	
Stem Straight	Depth in hold from tonnage deck to ceiling amidships	
Stern Cruiser	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards	35	5	
Build Clencher	Depth from top of deck at side amidships to bottom of keel	-	-	
Framework and description of vessel Steel Cargo Vessel	Round of beam	38	3	
Number of Bulkheads Watertight	Length of engine room, if any	1	2	
 Seven		47	2	

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.
					No. and Diameter of Cylinders in each set.	Length of Stroke		
One	Internal Combustion Opposed Piston Type Vertical	Engines.	Engines.	Engines.	Three	Upper piston 980 m/m Lower piston 1340 m/m Total 2320 m/m	301 2500 2860	12 knots
No. of Shafts.	Particulars of Boilers	Boilers.	Boilers.	Boilers.				
One	Auxiliary (1-Horizontal 1-Vertical) Steel Loaded Pressure 120 lbs per sq. ins	British	1941	Horizontal Stockton Chemical Engineers & Riley Boilers Ltd, Stockton on Tees.				

Number of water ballast tanks, and their capacity in tons: Nine - 2641 Tons

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	6786.72	On account of space required for propelling power	1600.15
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.	355.83
Turret or Trunk		These spaces are the following, viz. :—	
Forecastle		In Tween Decks Aft & Roundhouses (Number of Seamen or Apprentices for whom accommodation is certified 35)	
Bridge space		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows :—	
Poop or Break		Masters Accommodation 35.27	
Side Houses	293.43	Cubic Meters. Chart Space 6.16	
Deck Houses		Wireless Telegraphy Space 7.52	
Chart House		Boatswains Storeroom 48.12	
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	105.71	Steering Total Gear Space 30.88	
Excess of Hatchways	52.04	Water Ballast Space 30.88	
Gross Tonnage	7237.90		
Deductions, as per contra	2138.95		
Register Tonnage	5098.95		182.97
			2138.95

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 808.66 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 109.20 tons.

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

- NIL -

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.	
The Minister of War Transport, London	Manager: Robert Desmond Ropner of the firm of Sir. R. Ropner & Co.Ltd. "The Whins" Sedgfield, Stockton-on-Tees.
Sixty four (64)	
Dated 18th November, 1941.	