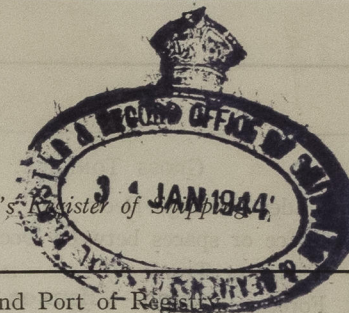


G.R. 130.

(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 Shipping

Signal Letters (if any)..... G.B.Q.F.



Official Number.	Name of Ship.	No., Date, and Port of Registry.
180051	EMPIRE DUCHESS	28/1943. 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	Steam Ship Single Screw	Sunderland	1943	Short Brothers Ltd., Sunderland.

Number of Decks ...	Two	Length from fore part of stem, to the aft side of the head of the stern post ...	Feet. 431	Tenths. -
Number of Masts ...	(Two Lower Masts One Wireless Mast)	Main breadth to outside of plank ...	56	3
Rigged ...	Not	Depth in hold from tonnage deck to ceiling amidships ...	35	2
Stem ...	Straight	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards ...	-	-
Stern ...	Cruiser	Depth from top of deck at side amidships to bottom of keel...	37	8.5
Build ...	Clencher	Round of beam ...	1	1.5
Framework and description of vessel ...	Steel Cargo	Length of engine room, if any ...	49	1
Number of Bulkheads ...	Watertight-Seven Non-Watertight-One			

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. - I.H.P. - Estimated Speed of Ship
					No. and Diameter of Cylinders in each set	Length of Stroke		
One	Reciprocating Triple Expansion Direct Acting Vertical	Engines &	Engines &	Engines & John Arclinson & Sons Ltd. Rtd. F.E.	Three 24 1/2" 39" 70"	48"	/	510 - 2500
One	Particulars of Boilers Description (Cylindrical Multitubular) Number ... Three Iron or Steel ... Steel Loaded Pressure 220 lbs. per sq. inch.	Boilers British	Boilers 1943	The North Eastern Marine Engineering Co. (1938) Ltd., Wallsend-on-Tyne.				11 Knots

Number of water ballast tanks, and their capacity in tons:— Thirteen = 2446 Tons

010652-010661-0029

[P.T.O.]

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	6574.45	On account of space required for propelling power	1347.90
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.	429.98
Turret or Trunk	23.94		
Forecastle Open - Houses in			
Bridge space			
Poop or Break			
Side Houses			
Deck Houses	313.65		
Chart House			
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	67.60	These spaces are the following, viz.:— In Tween Decks Aft and Roundhouses (Number of Seamen or Apprentices for whom accommodation is certified <u>64</u>	
Excess of Hatchways	87.47	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
		Cubic Meters. Master's Accommodation 14.76 Chart Space 8.18 Wireless Telegraphy Spaces 4.3 Boatswain's Storerooms 31.31 Steering Gear Space 25.32 Water Ballast Spaces 324.36	410.36
Gross Tonnage	7067.11	19999.92	
Deductions, as per contra	2188.24	6192.72	
Register Tonnage	4878.87	13807.20	2188.24

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 702.63 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 67.60 tons.

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

Open Forecastle - Length 39.0 feet = 54.75 Tons.

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.

His Majesty, represented by the Minister of War Transport, London.
Sixtyfour (64) shares

Samuel Crawford Hogarth of the firm of Messrs. H. Hogarth & Sons, 120, St. Vincent Street, Glasgow, C.2., designated the person to whom the management of the vessel is entrusted by or on behalf of the Owner. Advice received 8th December, 1943, under hand of T. G. Jenkins, a Deputy Director General of the Ministry of War Transport.

Dated 8th December, 1943.