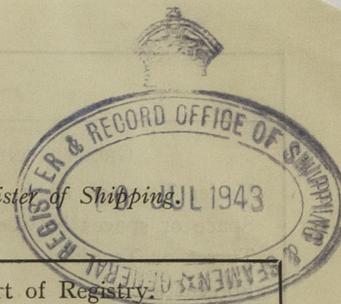


GLASS CONTEMPLATED. (LLOYD'S REGISTER.)

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.F.J.D.



Official Number.	Name of Ship.	No., Date, and Port of Registry.
169117	EMPIRE ALLIANCE	13/1943 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	Motor Ship Single Screw	Sunderland	1943	Sir James Laing & Sons Ltd. Sunderland.
Number of Decks	One	Length from fore part of stem, to the aft side of the head of the stern post	Feet.	Tenths.
Number of Masts	Three twin Derrick Post Masts	Main breadth to outside of plank	482	7
Rigged	One Wireless Mast	Depth in hold from tonnage deck to ceiling amidships	68	3
Stem	Not	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards	36	1.5
Stern	Straight	Depth from top of deck at side amidships to bottom of keel...	-	-
Build	Cruiser	Round of beam	36	3
Framework and description of vessel	Steel Cargo vessel	Length of engine room, if any	1	4
Number of Bulkheads	Watertight = Thirteen Non-Watertight = One		80	-

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	No. of Cylinders in each set	
One	Internal Combustion Single Acting Four Stroke Cycle Vertical	Engines British	Engines 1943	Engines Harland & Wolff Ltd., Glasgow.	Six 740 m/m	1500 m/m	---	490 3200 4050
One	Particulars of Boilers Description..... Auxiliary Number..... Two Iron or Steel..... Steel. Loaded Pressure..... 180 lbs per sq inch.	Boilers British	Boilers 1943	Boilers The North Eastern Marine Engineering Co. (1938) Ltd., Wallsend-on-Tyne.				11½ Knots

Number of water ballast tanks, and their capacity in tons:— Seven 1196 tons.

768.66

28-54

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck	...	<u>8905.54</u>	On account of space required for propelling power		3170.97
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	...		275.57	These spaces are the following, viz. :-	
Forecastle	...			In Poop and Round houses	
Bridge space	...	411.07	(Number of Seamen or Apprentices for whom accommodation is certified <u>57</u>).		
Poop or Break	...		317.11	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows :-	
Side Houses	...	9909.29		Cubic Meters.	
Deck Houses	...		3985.59	Master's Accommodation 17.13	
Chart House	...	5923.70		Chart Space 8.43	
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	...		2804.29	Wireless Telegraphy Spaces 7.78	
Excess of Hatchways	...	11279.22		Boatswains Storerooms 28.40	
Gross Tonnage	...		16764.07	Ballast Pump Spaces 28.76	
Deductions, as per contra	...	973.01		Water Ballast Spaces ... 195.53	
Register Tonnage	...			Total Spaces ... 195.53	

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 973.01 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 325.76 tons.

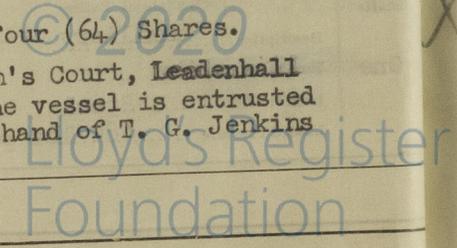
NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

Open Forecastle	Length = 40.0 feet = 93.23 tons.
Open Portion of No. 1 Roundhouse	Length = 35.0 feet = 70.56 tons.
Open Portion of No. 3 Roundhouse	Length = 35.0 feet = 10.76 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, Sixty four (64) Shares.
 George Legh-Jones of the firm of Anglo-Saxon Petroleum Co. Ltd., St. Helen's Court, Leadenhall Street, London, E.C.3., designated the person to whom the management of the vessel is entrusted by or on behalf of the Owner. Advice received 28th June, 1943, under the hand of T. G. Jenkins a Deputy Director General of the Ministry of War Transport.

Dated 28th June, 1943.



Kollad 12-3/8