

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY

G.R.130.

CLASS 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.L.D.



Official Number. 168961	Name of Ship. Empire Rival	No., Date, and Port of Registry. 11/1943 West Hartlepool.
-----------------------------------	--------------------------------------	---

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 Screw	West Hartlepool	1943	W. Gray & Co. Ltd., West Hartlepool.

Number of Decks ... Two	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	Feet.	Tenths.
Number of Masts ... One	431	5
Rigged Not	Length at quarter of depth from top of weather deck at side amidships to bottom of keel		
Stem Straight.		
Main Stern Cruiser.	Main breadth to outside of plank	56	2
Category Build Clencher.	Depth in hold from tonnage deck to ceiling at midships ...	35	2
Head	Depth in hold from upper deck to ceiling at midships in the case of three decks and upwards	-	-
Framework and description of vessel Steel Cargo	Depth from top of beam amidships to top of keel		
Number of Bulkheads ... 7 W.T.1 Non W.T.	Depth from top of deck at side amidships to bottom of keel	37	8
Number of water ballast tanks, and their capacity in tons as supplied by builders or owners. 14 = 2497 Tons	Round of beam	1	2
	Length of engine room, if any	49	0.

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel Tons. Ditto per inch immersion at same depth Tons.

PARTICULARS OF PROPELLING ENGINES, &c. (if any).

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. Speed of Ship.
					No. and Diameter of Cylinders in each set.	Length of Stroke.	No. of Cylinders in each set.	
One	Reciprocating direct acting vertical triple expansion. Cylindrical Multitubular & single ended.	Engines.	Engines.	Engines.	Three			Estimated
					24 1/2"			510
					39"			2250
					70"	48"		2500
One		British	1943.	Central Marine Engine Works. West Hartlepool.				11 1/2 Knots.

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck		6571.98.	On account of space required for propelling power		1333.69.
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		420.84.
Turret or Trunk		15.87.	These spaces are the following, viz. :-		
Forecastle			In Roundhouses & Below Deck Aft.		
Bridge space			(Number of Seamen or Apprentices for whom accommodation is certified 61)		
Poop or Break			Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows :-		
Side Houses		317.78			
Deck Houses			Masters Accommodation. 14.52		
Chart House			Cubic Metres. Chart Space. 7.86		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894		67.30	Wireless Telegraphy Space. 11.65		
Excess of Hatchways		71.88.	Boatswains Store. 54.05		
			Steering Gear Space. 26.50		
Gross Tonnage		7044.81	Water Ballast Spaces. 330.88		
Deductions, as per Contra Register Tonnage		2199.99			
		4844.82. ✓			445.46.
					2199.99.

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **694.81** tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is **67.30** tons.

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

Forecastle Length 38.8' = 63.63 tons.

Name of Master **Norman Beresford Money.** Certificate of Service No. **37066.** Competency No. **37066.**

No. of Owners
 Name, Residence, and Description of Managing Owner if there are more owners than one. **Col.14. Cuthbert Isaac Willan of the firm of Messrs. R. Chapman & Son, Maritime Building, Newcastle-on-Tyne, designated the person to whom the management of this vessel is entrusted by or on behalf of the owner. Advice received 30th. August. 1943 under the hand of T.G. Jenkins a Deputy Director General of the Ministry of War Transport.**

His Majesty represented by the Minister of War Transport of London.

Sixty four (64) Shares.

Dated **30th. August. 1943.**

