

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

(LLOYD'S REGISTER.)

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 British and Foreign Shipping.

Signal Letters (if any) K.R.H.Q.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
148,090.	Hartley.	46/1924. Newcastle.

No., Date, and Port of Previous Registry (if any). First Registry.

Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
British	Steamship Single Screw.	South Bank-on-Tees.	1924	Smith's Dock Co., Ltd., South Bank-on-Tees.

Number of Decks	One	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	280	Feet.	Tenths
Number of Masts	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	279	4.5	
Rigged	Schooner	Main breadth to outside of plank	41	6	
Stern	Elliptical	Depth in hold from tonnage deck to ceiling at midships	20	1	
Build	Clincher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	--	--	
Galleries	None	Depth from top of beam amidships to top of keel	23	0.8	
Head	Straight	Depth from top of deck at side amidships to bottom of keel	22	4	
Framework and description of vessel	Steel Cargo	Round of beam	40	8.3	
Number of Bulkheads	Four	Length of engine room, if any		7.5	
Number of water ballast tanks, and their capacity in tons	Seven. 860				

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel	4240	Tons.	Ditto per inch immersion at same depth	22.65	Tons.
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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. No. and Diameter of Cylinders in each set.	Length of Stroke.	Rotary Engines. No. of Cylinders in each set.	N. H. P. I. H. P. Speed of Ship.
One	Surface Condensing Triple expansion	Engines.	Engines.	Engines.	Three 20 1/2" 33"			228
		and	and	Smith's Dock Co., Ltd.,		39"	----	1250
No. of Shafts.	Particulars of Boilers.			South Bank-on-Tees				About 10 knots
	Description	Single Ended Multitubular	Boilers	Boilers.				
	Number	Two		Blair & Co. Ltd.,	54"			
	Iron or Steel	Steel	British	1924	Stockton-on-Tees.			
	Loaded Pressure	180 lbs						
		per square inch						

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	1853.11	On account of space required for propelling power	687.16
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	98.03
Turret or Trunk		These spaces are the following, viz.:—	
Forecastle	Side Houses	In Poop	
Bridge space	Side Houses	Round House	
Poop on Deck		Bridge Side Houses	
Side Houses			
Deck Houses	Round		
Chart House			
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Excess of Hatchways	165.69	Master's Accommodation	5.95
		Boatswain's Store	8.51
		Wireless Room	3.85
		Chart Room	3.85
		Fore peak Tank	50.32
		After peak Tank	39.72
		Total	896.61
Gross Tonnage	2147.38		
Deductions, as per Contra	896.61		
Register Tonnage	1250.77		

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 352.04 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 81.01 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 22.2' - 25.10 Tons.
Fore side of Bridge, Length 2.3' - 6.19 Tons.
Bridge space, Length 48.5' - 38.33 Tons.

Water Capacity	Name of Master	Certificate of	Service Competency	No.
160				
117	No. of Owners			
	Name, Residence, and Description of Managing Owner if there are more owners than one.			
	The Hartley Steamship Company, Limited, 5, Quayside, Newcastle-on-Tyne.			
	Sixty-four shares.			
	Rowland Henry Richley, Harold Halvorsen and Thomas Norman Sample all of 5 Quayside Newcastle-on-Tyne. Managers.			

Dated 30th August, 1924.

880, (334798) Wt. 29391/15 Gp. 144 2000 3-24 W & S Ltd.

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