

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. 148,090.	Name of Ship. Hartley.	No., Date, and Port of Registry. 46/1924. Newcastle.
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No., Date, and Port of Previous Registry (if any). First Registry.		Where Built. South Bank-on-Tees.	When Built. 1924	Name and Address of Builders. Smith's Dock Co., Ltd., South Bank-on-Tees.	
Whether British or Foreign Built. British	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled. Steamship Single Screw.				
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.

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. or I. H. P. Speed of Ship.
					No. and Diameter of Cylinders in each set.	Length of Stroke.	No. of Cylinders in each set.	
3	Surface Condensing Triple expansion	Engines.	Engines.	Engines. Smith's Dock Co., Ltd., South Bank-on-Tees	Three 20 1/2" 33"	39"	----	228 1250 About 10 knots
	Particulars of Boilers.							
	Description.....							
	Number.....							
	Iron or Steel.....							
	Loaded Pressure.....							
	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	4.72	In Poop		
Bridge space	Side Houses	45.74	Round House		
Poop on Deck		53.03	Bridge Side Houses		
Side Houses			Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-		
Deck Houses	Round	21.22	Master's Accommodation	5.95	} 111.42
Chart House		3.87	Boatswain's Store	8.51	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		165.69	Wireless Room	3.85	
Excess of Hatchways ...			Chart Room	3.85	
			Fore peak Tank	50.32	
Gross Tonnage ...		2147.38	After peak Tank	39.72	} 896.61
Deductions, as per Contra ...		896.61	Total		
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 Tons. 169 117	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 Hartley Steamship Company, Limited, 5, Quayside, Newcastle-on-Tyne.	Rowland Henry Richley, Harold Halvorsen and Thomas Norman Sample all of 5 Quayside Newcastle-on-Tyne. Managers.
Dated	30th August, 1924.	

