

REPORT ON MACHINERY.

No. 11600

(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.P.D.H.**

Official Number. 147,492.	Name of Ship. Atherton.	No., Date, and Port of Registry. 104 in 1923 London.
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No., Date, and Port of Previous Registry (if any). -----

Whether British or Foreign Built. British	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled. Steam Ship Single Screw.	Where Built. Haverton Hill on Tees.	When Built. 1923	Name and Address of Builders. Furness Shipbuilding Co. Ltd., Haverton Hill on Tees.
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Number of Decks ...	One	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ...	244	Feet.	8	Tenths.
Number of Masts ...	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ...	244		4.3	
Rigged ...	Schooner	Main breadth to outside of plank ...	38		--	
Stern ...	Elliptical	Depth in hold from tonnage deck to ceiling at midships ...	17		5.5	
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 ...	20		3.3	
Head ...	None	Depth from top of deck at side amidships to bottom of keel ...	19		7.5	
Framework and description of vessel ...	Steel, Cargo	Round of beam ...	--		7.5	
Number of Bulkheads ...	Four	Length of engine room, if any ...	35		9	
Number of water ballast tanks, and their capacity in tons ...	Six - 612 Tons					

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel } **3090** Tons. Ditto per inch immersion at same depth } **18.64** 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.		
One	Direct Acting Triple expansion	Engines.	Engines.	Engines.	Three	17"	33"	120
		British	1923	Ross & Duncan,	27 1/2"	45"	----	---
	Particulars of Boilers.	Boilers.	Boilers.	Boilers.				900
One	Cylindrical S.E. Multitubular	British	1923	Govan.				9 1/2 Knots
	Number Two							
	Iron or Steel Steel							
	Loaded Pressure 180 lbs.							

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck ...		1260.01	On account of space required for propelling power		490.96
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		56.73
Forecastle ...		133.76	These spaces are the following, viz.:-		
Bridge space ...		65.98	Poop		
Poop ...		44.69	Bridge		
Side Houses ...			No. 1 Round House		
Deck Houses ...		9.19	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—		
Chart House ...			Master's Accommodation	5.98	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		20.62	Boatswains Store	15.34	
Excess of Hatchways ...			Chart Space	2.67	60.26
			Water Ballast (F.P. 15.42)		
			Total (A.P. 20.85)		607.95
Gross Tonnage ...		1534.25	Cubic Metres		
Deductions, as per Contra ...		607.95			
Registered Tonnage ...		926.30			

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **213.97** tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is **58.19** 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' - 24.95 tons

Water Capacity	Tons.	51
		63

Name of Master	Certificate of { Service No. Competency No.
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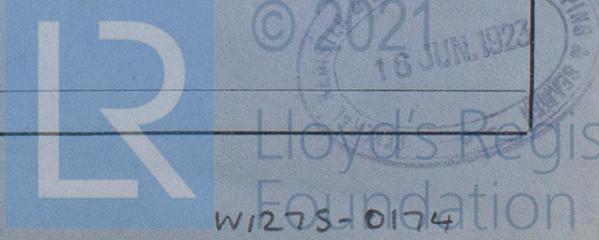
No. of Owners
Name, Residence, and Description of Managing Owner if there are more owners than one.

H. Harrison (Shipping), Limited.
3, East India Avenue, London.
Harold Harrison,
same address, Manager.

Shares:- **Sixty-four.**

Dated **26th May, 1923.**

(830) (371008) Wt. 23011/10 Gp. 144 2000 1-22 W & S Ltd.



Diameter of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted