

(LLOYDS REGISTER.)

G. R. 130
Lloyds Register.

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyds Register of British and Foreign Shipping.

Signal Letters (if any) J.C.F.G.

Official Number.		Name of Ship.		No., Date, and Port of Registry.	
133310		Harroo		9-1913 North Shields	
No., Date, and Port of Previous Registry (if any). ✓					
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 - screw	Helburn on Tyne	1913	Palmer's Shipbuilding & Iron Works Ltd Helburn on Tyne	
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	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	430	8	
Rigged	fore and aft schooner	Main breadth to outside of plank	429	66	
Stern	elliptical	Depth in hold from tonnage deck to ceiling at midships	54	1	
Build	Chirker	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	31	25	
Galleries	None	Depth from top of beam amidships to top of keel	-	-	
Head	None	Depth from top of deck at side amidships to bottom of keel	34	4	
Framework and description of vessel	steel	Round of beam	33	72	
Number of Bulkheads	eight	Length of engine room, if any	1	12	
Number of water ballast tanks, and their capacity in tons	even 2140 tons		51	-	

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel 13065 Tons. Ditto per inch immersion at same depth 46.2 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. 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	Triple Expansion direct acting vertical inverted cylinder	Engines. British	Engines. 1913	Palmer's Shipbuilding & Iron Works Ltd Garrow	Three 25½"	51"		601
No. of Shafts.	Particulars of Boilers. Description. Multitubular. Number. Two. One auxiliary. Iron or Steel. Steel. Loaded Pressure. 220 lbs.	Boilers. British	Boilers. 1913	- Do. -	43½"			3200
One					76"			11½ knots

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	5848.55	On account of space required for propelling power	1960.64
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	144.96
Turret or Trunk		These spaces are the following, viz.:-	
Forecastle	6.46		
Bridge space	23.93		
Poop or Break			
Side Houses			
Deck Houses	144.57		
Chart House			
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	46.00	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-	
Excess of Hatchways	24.49	Cubic Metres	
Gross Tonnage	6127.00	Master's accommodation 9.30	
Deductions, as per Contra	2185.69	Master's Bath Room 2.23	
Registered Tonnage	3941.31	Boys' Stoves 39.04	
		Chart House 22.23	
		Total 72.80	80.09
			2185.69

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 752.23 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 111.86 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 40.8 feet = 74.33 tons
Open Bridge Space length 171.0 = 570.98 ..
Open poop length 81.9 = 247.13 ..

Name of Master Edwin Ryder Large

Certificate of { Service Competency No. 032269

No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.

The Bucknall Steamship Lines, Limited, having its principal place of business at
23 Leadenhall Street in the City and County of London. Sixty four.
Manager: Edward Lloyd of same address.

Dated 2 May 1913.

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