



(LLOYD'S REGISTER.)

VESSELS OF 100 TONS AND UPWARDS.

G.R. 130.
Lloyd's Register.

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) _____

Official Number. 144,814.	Name of Ship. DIOPHONES.	No., Date, and Port of Registry. 22 1922. ABERDEEN.
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No., Date, and Port of Previous Registry (if any). -----

Whether British or Foreign Built. British	Whether a Steamship or Steam Ship; and if a Steam Ship how propelled. Steamship Twin Screw.	Where Built. Belfast	When Built. 1922	Name and Address of Builders. Messrs. Harland & Wolff. Ltd. Belfast.
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Number of Decks ... Three	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ...	Feet. 500	Tenths. 4
Number of Masts ... Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ...	518	9
Rigged ... Schooner	Main breadth to outside of plank ...	63	2.5
Stern ... Cruiser	Depth in hold from tonnage deck to ceiling at midships ...	31	1.5
Build ... Clencher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ...	39	6
Galleries ...	Depth from top of beam amidships to top of keel ...	43	9
Head ...	Depth from top of deck at side amidships to bottom of keel ...	43	2
Framework and description of vessel ... Steel	Round of beam ...	1	0
Number of Bulkheads ... Ten	Length of engine room, if any ...	135	3
Number of water ballast tanks, and their capacity in tons ... 2113.			

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... **22425** Tons. | Ditto per inch immersion at same depth ... **66** 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. I. H. P. Speed of Ship.
					No. and Diameter of Cylinders in each set.	Length of Stroke.	No. of Cylinders in each set.	
Two	Brown Curtis Double Reduction Geared Turbines.	British	1922	Harland & Wolff Ltd., Belfast			Two	1333 5200
Two	Horizontal Cylindrical Return Tube. 4 Double ended Steel iron tubes	British	1922	Harland & Wolff Ltd., Belfast.				13 3/4 knots

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck ...		7887.91	On account of space required for propelling power		3949.25
Space or spaces between Decks ...		2307.96	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		
Turret or Trunk ...		143.99	These spaces are the following, viz.:-		
Forecastle ...		846.63	Forecastle, Bridge, Ro. Houses & Below Dk.		766.34
Bridge space ...		141.75	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-		
Poop on-Break ...		992.97	Wireless Rm. 7.96		
Side Houses ...		7.02	Cubic Metres Steam Steering Gear Space } 79.87		
Deck Houses ...		13.19	Masters Rm. 15.07		
Chart House ...		---	Navigation Rm 8.32		
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		---	Boatswain's Store } 75.00		
Excess of Hatchways ...		---	Water } 92.67		
Gross Tonnage ...		12341.42	ballast } 285.91		
Deductions, as per Contra ...		5001.50	Total ...		5001.50
Registered Tonnage ...		7339.92			

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **1833.24** tons, and the tonnage of the total spaces, framed in above the Upper Deck for propelling machinery and for light and air is **234.02** tons.

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

- (1) Open space aft end Forecastle 1.80 Tons Length 1.3 ft (2) Open Passageways under Forecastle 36.93 Tons. Length Port 50.4 ft. Std 67.2 ft. (3) Open space at Fore End Bridge 2.49 Tons Length - 2.5 ft. (4) Open space at Aft End Bridge 16.29 Tons. Length 4.7ft (5) Fore End Poop 98.35 Tons Length 47.5 ft. (6) Aft End Rd House on Bridge 49.77 Tons Length 24.0 ft.

Name of Master 40	Certificate of { Service No. Competency No.
No. of Owners 40	
Name, Residence, and Description of Managing Owner if there are more owners than one. Geo. Thompson & Co. Limited 7, Billiter Square, London, E.C.3.)	Alexander Duff Henderson same address. Manager.
Sixty-four (64) Shares.	

Dated **17th June 1922.**

(830) (871008) Wt. 23011/10 Gp. 144 2000 1-22 W & S Ltd.

002269-002278-0132

Working pressure of shell by rules _____ Crown plates: Thickness _____ How stayed _____

766
 22
 84
 95.5-457
 54
 F ROWS.
 3
 2
 2
 7
 the
 les
 S.B.
 valves to
 les
 teal
 95
 219 lbs
 space
 teal
 8
 depth and