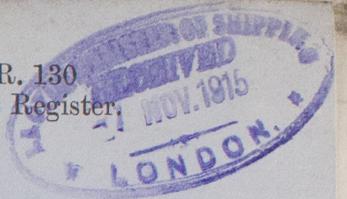


(LLOYDS REGISTER.)

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.L.W.R

Official Number. 135919	Name of Ship. Spiral	No., Date, and Port of Registry. 8 West Hartlepool 13 October 1915		
No., Date, and Port of Previous Registry (if any). Formerly "Spiral" of Norway.		British		
Whether British or Foreign Built. Foreign	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled. Steamship screw	Where Built. Christiania	When Built. 1906	Name and Address of Builders. Nylands Voerksted Christiania Norway
Number of Decks Number of Masts Rigged Stern Build Galleries Head Framework and description of vessel Number of Bulkheads Number of water ballast tanks, and their capacity in tons	One Two Schooner Elliptical Blender none none Steel barge vessel Four Five 362 tons	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post Length at quarter of depth from top of weather deck at side amidships to bottom of keel Main breadth to outside of plank Depth in hold from tonnage deck to ceiling at midships Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards Depth from top of beam amidships to top of keel Depth from top of deck at side amidships to bottom of keel Round of beam Length of engine room, if any	Feet. 245 245 36 16 — 19 19 35	Tenths. 6 6 55 53 — 75 15 75 9

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel } **2660** Tons. | Ditto per inch immersion at same depth } **18.0** 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.		
One	Inverted direct acting, Triple expansion condensing	Engines.	Engines.	Engines.	Three			132
		Y	Y	Y	18"	33"		660
No. of Shafts.	Particulars of Boilers.	Boilers.	Boilers.	Boilers.	29"			9 knots
One	Description: Multi-tubular Number: Two Iron or Steel: Steel Loaded Pressure: 180 lb	Foreign	1906	Nylands Voerksted Christiania	48"			

PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No. of Tons.	DEDUCTIONS ALLOWED.		No. of Tons.
Under Tonnage Deck		1191.36	On account of space required for propelling power		429.29
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		
Turret or Trunk			These spaces are the following, viz:—		
Forecastle		36.53	Forecastle		61.18
Bridge space			Deck Houses		
Poop or Break		21.26			
Side Houses		1.26			
Deck Houses		56.91			
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		34.21	Cubic Metres		
Gross Tonnage		1341.53	Masters Accommodation 5.07		40.64
Deductions, as per Contra		531.11	Boatswain's Store 11.68		
Registered Tonnage		810.42	Chart Space 5.17		
			Water Ballast Space 18.72		
			Total		531.11

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **182.95** tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is **53.22** tons.

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

Bridge Space 102.0 = 194.72 tons

Name of Master	Certificate of { Service No. Competency No.
No. of Owners	
Name, Residence, and Description of Managing Owner(s) if there are more owners than one. Minnie Steamship Company Limited whose principal place of business is at Royal Chambers, West Hartlepool in the County of Durham.	64 (Sixty-four) Shares
(Manager William Edgar) same address	
Dated 13 October 1915	