

CLASS CONTEMPLATED.

(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) G.W.N.Y.

Signal Letters (if any)		Official Number.		Name of Ship.		No., Date, and Port of Registry.					
		163,410.		Harcalo.		136 in 1933 London.					
No., Date, and Port of Previous Registry (if any). -----											
Whether British or Foreign Built.		Whether a Sailing, Steam, or Motor Ship, if Steam or Motor Ship how propelled.		Where Built.		When Built.		Name and Address of Builders.			
British		Steam Ship: Single Screw.		Port Glasgow.		1933		Lithgows Limited Port Glasgow.			
Number of Decks One				Length from fore part of stem, under the bowsprit, to the				Feet.		Tenths.	
Number of Masts Two				aft side of the head of the stern post				418		.	
Rigged Schooner				Length at quarter of depth from top of weather deck at side				414		6	
Stern Cruiser				amidships to bottom of keel				56		2.5	
Build Clinker				Main breadth to outside of plank				24		6	
Galleries None				Depth in hold from tonnage deck to ceiling at midships.. ..				--		--	
Head None				Depth in hold from upper deck to ceiling at midships, in the				28		4.2	
Framework and description of vessel Steel Cargo				case of three decks and upwards.. .. .				27		4.2	
Number of Bulkheads Seven				Depth from top of beam amidships to top of keel				1		1.7	
Number of water ballast tanks, and their capacity in tons Six in D.B. 1336 Aft Peak 212 Fore Peak 140				Depth from top of deck at side amidships to bottom of keel				46		4	
				Round of beam							
				Length of engine room, if any							

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel 9983 Tons. Ditto per inch immersion at same depth 44.8 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. B. H. P. I. H. P. Speed of Ship.
One	Direct Acting Vertical Triple Expansion.	Engines. British	Engines. 1933	Engines. David Rowan & Co., Ltd.,	Three 22 1/2"			444
No. of Shafts.	Particulars of Boilers. Description. Horizontal Return Tube S.E. Number Two Main One auxiliary Iron or Steel Steel. Loaded Pressure 220 lbs.	Boilers. British	Boilers. 1933	Boilers. Glasgow.	36" 65"	48"	----	2000
								11 Knots

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	4529.81	On account of space required for propelling power	1626.07
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	246.17
Turret or Trunk		These spaces are the following, viz.:- Houses in Poop & in Round Houses above Upper Deck. (Number of Seamen or Apprentices for whom accommodation is certified, 46)	
Forecastle (Side Houses on)	18.72	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:-	
Bridge space (Round House in)	42.80	Masters Accommodation 12.34	
Poop or Break	105.09	Chart Space 5.00	176.14
Side Houses		Wireless Telegraphy Space 3.43	
Deck Houses	322.46	Boatswain's Store 50.81	
Chart House		Water Ballast Spaces 104.56	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	62.59	Total	2048.38
Excess of Hatchways			
Gross Tonnage	5081.47		
Deductions, as per Contra	2048.38		
Register Tonnage	3033.09		

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 679.27 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 145.14 tons.

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

Open space in Forecastle L. 35' - 52.73 tons.

Open space in Bridge (Part I) L. 117' - 519.82 "

----- (Part II) L. 68.5' - 248.19 "

----- (Part III) L. 90.5' - 424.52 "

Certificate of { Service Competency No. No. 25 NOV 1933

Name of Master

No. of Owners

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

National Steamship Company Ltd.,
66, Mark Lane,
London.

Shares:- Sixty-four.
Dated 15 November 1933.

Charles Willis Harrison, John Harrison
Francis Joseph Harrison, Robert Thomas
Tidswell and Joseph White all of
same address-Managers-.