

## REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

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, and Letters (if any) L.H.R.N.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
2,723.	Harmanteh.	67 in 1932 London.

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.	1932	Lithgows Limited Port Glasgow.

Number of Decks	One	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	428	---
rigged	Schooner	Main breadth to outside of plank	424	7
tern	Cruiser	Depth in hold from tonnage deck to ceiling at midships	56	2.5
rib	Clincher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	26	---
lleries	None	Depth from top of beam amidships to top of keel	---	---
ad	None	Depth from top of deck at side amidships to bottom of keel	29	9.2
amework and description of Steel Cargo vessel		Depth from top of deck at side amidships to bottom of keel	28	8.5
umber of Bulkheads	Seven	Length of engine room, if any	1	1.7
umber of water ballast tanks, and their capacity in tons	Six in D.B. - 1393 tons		48	1.5
	Fore Peak - 167 "			
	After Peak - 240 "			

## PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel	10926	Tons.	Ditto per inch immersion at same depth	46.5	Tons.
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## PARTICULARS OF PROPELLING ENGINES, &amp;c. (if any).

No. 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.	No. of Cylinders in each set.	
One	Direct Acting Vertical Triple Expansion.	Engines.	Engines.	Engines.	Three			502
		British	1932	David Rowan & Co., Ltd.,	25"			----
of	Horizontal Return Tube Single Boilers.	Boilers.	Boilers.	Boilers.	43"	48"	-----	2200
ne	Number Two Main One Auxiliary			Glasgow.	72"			11 Knots
	Iron or Steel	British	1932					
	Loaded Pressure							

## PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	4948.29	On account of space required for propelling power	1732.73
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	255.45
Arret or Trunk		These spaces are the following, viz.:—	
Forecastle... (Side Houses in)	18.70	Houses, in Poop and on Bridge and Hoop	
idge space (Round Houses in)	38.42	(Number of Seamen or Apprentices for whom accommodation is certified 43)	
op or Break	89.31		
de Houses	261.78		
eck Houses			
hart House			
aces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	9.72	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
ccess of Hatchways	48.55	Master's Accommodation 17.37	
		Chart Space 5.40	
Gross Tonnage	5414.77	Wireless Telegraphy Space 3.20	183.42
eductions, as per Contra	2171.60	Boatswain's Store 36.69	
Register Tonnage	3243.17	Water Ballast Spaces 120.76	
		Total	2171.60

1.—The tonnage of the engine room spaces below the Upper Deck is 694.52 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 143.85 tons.

if not given 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. 39.0' - 63.20 tons.

Open spaces in Bridge	{ Part I - L. 75.6' - 348.85 tons.
	{ Part II - L. 45.8' - 169.56 "
	{ Part III - L. 61.9' - 220.40 "
	{ Part IV - L. 87.2' - 403.93 "

Water Capacity  
Tons.  
167  
240

Name of Master

Certificate of { Service No.  
Competency No.

No. of Owners

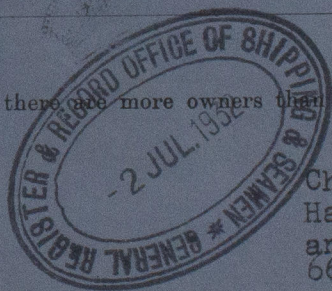
Name, Residence, and Description of Managing Owner if there are more owners than one.

Willis Steamship Company Limited  
66, Mark Lane,  
London,

Shares:- Sixty-four.

Dated 18th June 1932.

Charles Willis Harrison, John  
Harrison, Francis Joseph Harrison  
and Charles Harrison all of  
66 Mark Lane, London, E.C.3.-Managers-



5412) Wt. 2855/169 Gp. 144 2000 5-29 W &amp; S Ltd.

Lloyd's Register  
W 523-0191