

7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19 _____

Lloyd's Register of Shipping.

Order: 354.71. (Report on Machinery, No. 45385 Port **GLASGOW**)

No. 21487. ^{3/4} "Graigwen".
ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~XXXXX~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Henschel & Sohn of **Hattfingen** for the Engines No. **817** being constructed by Messrs. David Rowan & Co. of **Glasgow** for the Ship No. _____, being built by _____ of _____

have been inspected by me as set forth below, and found to be, so far as can be seen, 4 Journals, 1 Thrust shaft, 1 Propeller shaft and 1 Intermediate shaft sound and free from surface defects.—

on Forgings or Castings.

Lloyd's

Düsseldorf 7th January 1925.

No. 106/104/103/107/105.
J.L.2.1925.

J. L. 2.

STRAIGHT SHAFTING.

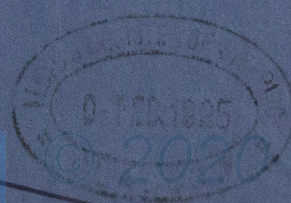
		STRAIGHT SHAFTING.				
CRANK SHAFT.		1	1		1	
4 journals		THRUST SHAFT.	INTERMEDIATE SHAFT.		PROPELLER SHAFT.	
	106	105	104	107	103	
Material	Annealed	Siemens	Martin	Ingot	Steel	
Material	forged	forged	forged	forged	forged	
Dimensions	13 1/2 " Ø	13 1/4 " Ø	12 3/4 " Ø	14 3/8 " Ø		
Process on inspection	rough turned	rough turned	rough turned	rough turned	rough turned	
Tests on Standard Test Pieces.	.798	3"	.798	3"	.798	3"
Tensile Test—	30,9	30,0	31,6	32,1	31,1	
Stress per square inch	38,1	34,2	34,2	31,6	34,2	
Elongation per cent	180 degr. good	180 degr. good	180 degr. good	180 degr. good	180 degr. good	
Bending Test—	2.1.25.	2.1.25.	2.1.25.	2.1.25.	2.1.25.	
Angle before fracture						
When Inspected						

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at Düsseldorf.

If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

W403-0106



Lloyd's Register
Foundation