

7. For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 54172 Port GLASGOW)
Harpsara

No. 4571 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs The Atlas Steel Foundry Eng Co Ltd of Armadale, West Lothian for the Engines No. 961 being constructed by Messrs D. Rowan & Co Ltd 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, sound and free from defects. These have been despatched to Messrs D. Rowan & Co Ltd, Glasgow.

Forgings or Castings.

Lloyd's
 No. 4571
 E.L.V. DATES

William H. Hens
 19 JUL 1933
 GLASGOW

	CRANK SHAFT. 3 Rad. V. Chests. FLYWHEEL SHAFT.	THRUST SHAFT. 4 Rad. V. Chests. 2 Supports	INTERMEDIATE SHAFT. 2 Branches 4 Covers.	TUBE SHAFT. SCREW SHAFT.
Material		Siemens-Martin Acid, Open	Hearth Steel	
Cast		Cast		
Annealed		Annealed		
Dimensions, Forgings	<i>3.0.2</i>	<i>8.1.3</i>	<i>5.1.15</i>	
Castings				
Test on } Standard at Pieces.	Test No <u>632</u>	Test No <u>631</u>	Test No <u>633</u>	
Test— per square inch	34.0	31.6	30.4	
Extension per cent	30.0%	34.0%	34.0%	
Enduring Test— before fracture	160° NF	160° NF	160° NF	
When Inspected	21/6/33	28/6/33	28/6/33	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were dropped and handled according to the Society's rules.