

## Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port \_\_\_\_\_)

No. 2865

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by J. Carmichael & Co. Ltd. of Dundee for the Engines No. 289 being constructed by A. Hall & Co of Aberdeen for the Ship No. 465, being built by J. Guthrie & Son of Aberdeen have been inspected by me as set forth below, and found to be, so far as can be seen, sound. — 1 coupling end.

3 pins

3 body pieces

6 webs (of iron)

Black forgings

J. S. L. L.

Dundee.

Mark on Forgings or Castings.

Lloyd's

No. 1003

J.S.L.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	S. I. S.			
How made ...	Forged			
Dimensions ...	8 1/8" dia			
Progress on Inspection {	Black Forgings			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	31.8			
Extension per cent	28			
Cold Bending Test—				
Angle before fracture	180°			
Dates when Inspected	10-16-21/4/24.			

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined (3 throw) Crank Shaft finished 8 1/8" dia

9 Stamped on web ~~1003~~ A.C.E.W. 25-6-24.

1003

Fee (if any chargeable) £

To be paid at

✓

✓

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Foundation

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



A. Hall & Co. Ltd.  
Engines N° 289  
Crank Shaft

Examined finished 25.6.24 ✓

S.S. "CHRISTINA FRASER"  
Abn. Rpt. N° 13897



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Received  
12/11/24