

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosures.

28th April, 1938.

Dear Sir,

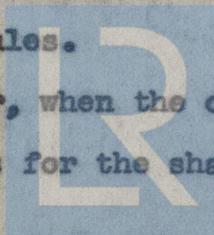
E. I am in receipt of your letter of the 25th instant, forwarding one from Mr. Cairns together with plans, in duplicate, of shafting proposed by Messrs. Wm. Denny & Bros. Ltd., for their Yard No. 1333, Engine No. 1083.

The plans have been examined and I have to inform you that with 2 SCSA oil engines for main propelling purposes, having 7 cylinders, diameter 480 mm., stroke 700 mm., span of bearings 570 mm., revolutions per minute 265, maximum pressure in cylinders 850 lb. per sq. inch, B.H.P. 2550, diameter of propeller 8'- 5", and screw shaft without continuous liner, the following sizes of shafting will be approved, viz:-

Crank.....	320 mm. diameter.
Intermediate.....	8.5/8" diameter.
Thrust.....	330 mm. diameter.
Screw.....	10.1/8" diameter.

The plans showing details of intermediate and screw shafting and sterntube will also be approved provided the steel castings be made at approved works and tested as required by the Rules.

Further, when the oil retaining gland and lubricating arrangements for the shaft in the sternbush



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Messrs. Wm. Denny & Bros. Ltd.,
Yard No. 1333.

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have been fitted to the satisfaction of the Surveyors, the vessel will be entitled to the notation "O.G" in the Register Book.

I may add that the plan No. 786803 of crankshaft was dealt with in my letter of the 15th ultimo to the Society's Surveyor at Winterthur, when the B.H.P. was stated to be 2380 at 260 revolutions per minute.

One set of the plans now approved is returned herewith.

I am, Dear Sir,

Yours faithfully,

Secretary.

The Secretary,
GLASGOW.



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