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# Lloyd's Register of Shipping.

71, Fenchurch Street, E.C.3.

1st June, 1937.

Dear Sirs,

The Furness S.B. Co's Yard No.283.  
Messrs, Hawthorn, Leslie & Co's Engine No.3941.

E.

I duly received your letter of the 24th ultimo, with enclosed plans, relating to shafting proposed for the above engine, and with regard thereto I have to inform you that, with 4 SCSA oil engines for main propelling purposes, having 8 cylinders, diameter of cylinders 650 mm., stroke 1400 mm., span of bearings 834 mm., R.P.M. 120, maximum pressure in cylinders 700 lb. per square inch, M.I.P. 135 lb. per square inch, B.H.P. 3500, weight of flywheel 6000 Kgs., diameter of flywheel 2260 mm., diameter of propeller 15'-9" and screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Crank .....	460 mm.
Flywheel .....	460 mm.
Thrust .....	460 mm.
Intermediate ....	470 mm.
Screw .....	400 mm.

The plans showing details of shafting will also be approved, and two sets are being returned to you under separate cover.

It is noted that dowel pins are not to be fitted to the crankshaft and the shrinkage allowance and

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The Furness S.B. Co's  
Yard No. 283.  
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yield point of the material, as stated on the plans, are  
in order.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

NEWCASTLE-ON-TYNE.



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