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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

12th November, 1937.

Dear Sirs,

E.

I duly received your letter of the 3rd instant, with plan, in triplicate, advised therein of crank shaft proposed by Messrs. Burmeister & Wain for a new type of oil engine.

The plan has been examined and I have to inform you that with 2 SCSA oil engines for main propelling purposes, having 6 cylinders, diameter 500 mm., stroke 900 mm., span of bearings 640 mm., revolutions per minute 165, maximum pressure in cylinders 49 Kgs per sq. cm., M.I.P. 8 Kgs per sq. cm., I.H.P. 3100, GD^2 of balance weights 4600 Kgm^2 , and GD^2 of turning wheel 1150 Kgm^2 , the following size of crank shaft will be approved, viz:- 344 mm., with 115 mm. hole.

The plan showing details of crankshaft will also be approved, and two copies of this plan are being returned to you under separate cover.

It is noted that dowels are not to be fitted that the yield point of the material of the crankwebs will be not less than 50% of the ultimate tensile strength, and that the shrinkage allowance will be 1/600 of the diameter, and

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Messrs. Burmeister & Wain.

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these matters are in order.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,
COPENHAGEN.



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