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Lloyd's Register of Shipping.

71, Fenchurch Street, E.C.3.

Enclosure.

30th December, 1936.

Dear Sirs,

E.

I duly received your letters of the 22nd and 24th instant, with plans advised therein of shafting proposed by Messrs. Machinefabriek Gebr. Stork & Co., for Messrs. Nederlandsche Scheepsbouw Mij's Yard No. 268, and with regard thereto I have to inform you that with 2 SCDA oil engines for main propelling purposes, having 8 cylinders, diameter 610 mm., stroke 1150 mm., span of bearings 890 mm., revolutions per minute 115, maximum pressure in cylinders 45 Kgs per sq. cm., M.E.P. 4.4 Kgs per sq. cm., B.H.P. 5500, weight of flywheel 5500 Kgs, diameter of flywheel 2400 mm., diameter of propeller 5200 mm., and screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Crank.....	470 mm.
Thrust.....	394 mm.
Screw.....	450 mm.
Intermediate.....	375 mm.

The plans showing details of crank, thrust, intermediate and screw shafting will also be approved provided the propeller key be not less than 460 mm. long. One set of these plans is returned herewith.

It is concluded that the span of bearings

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between inner edge and inner edge is 890 mm., and not 1890 mm. as stated on the plan, but I shall be glad if you will let me know if this is so.

It is also concluded that dowel pins are not to be fitted, and in the circumstances the yield point of the material of the crank webs, together with the shrinkage allowance, should be forwarded to this Office for consideration.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,
AMSTERDAM.



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