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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

ENCLOSURES.

25th May, 1938.

Dear Sirs,

E. I duly received your letter of the 20th instant, enclosing one from Messrs. Harland & Wolff Ltd., together with plans of Crank and Thrust Shafts proposed for their Yard Nos. 1016 & 1017.

These plans have been examined, and I have to acquaint you that with 2 SCDA engines with piston exhaust valves, having 6 cylinders, diameter 320 mm., stroke 1400 mm., span of bearings 1164 mm., revs. per minute 98, maximum pressure in cylinders 700 lb. per sq.in., M.I.P. 100 lb. per sq.inch, BHP 6000, weight of flywheel 2500 kgs., diameter of flywheel 2483 mm., GD^2 of balance weights 64345 $kg.m^2$, the following sizes of shafting, viz:- crank 485 mm. and thrust 460 mm., will be approved.

The plans showing details of the crank and thrust shafts will also be approved, provided the steel castings be made at Approved Works and tested as required by the Rules.

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Harland & Wolff's Yard Nos.1016/7.

It is noted that dowel pins will not be fitted, and with the proposed shrinkage allowance this is in order, provided the yield point of the crankweb material is not less than 50% of the ultimate tensile strength.

One set of the plans is returned herewith.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

BELFAST.



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