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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosure.

17th April, 1950.

E

Dear Sirs,

M/T "Ringfjell".

I have to inform you that the torsional vibration characteristics of the shafting installation of the above Main Machinery have been examined in conjunction with calculations forwarded with your letter of the 21st ultimo, and will be approved for a service speed of 140 R.P.M. provided the governor be adjusted to prevent the engine speed rising above 150 R.P.M., and the engine tachometer be marked accordingly.

It is concluded that the minimum diameter of the thrust shaft is 318 m.m. as given on the calculation sheet, but perhaps you will kindly confirm this.

I have to add it is strongly recommended that torsigraph records be taken from the completed installation for the purpose of confirming the exact position and magnitude of the flank of the 1-node $3\frac{1}{2}$ order critical speed.

One copy of your calculation sheets is returned herewith and, as requested, a copy is being forwarded to the Society's Hiel Surveyors for transmission to Messrs. Howaldtswerke.

Yours faithfully,

Copy to Cpu.

pro Secretary.

Messrs. A/B Burmeister & Wain,
COPENHAGEN, K.



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Foundation

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