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# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

## Enclosures.

15th March, 1950

Dear Sir,

m.t. "RINGFJELL"  
No.23583 in the Register Book.

I am in receipt of your letter of the 16th February enclosing plans of new shafting which is to be installed in the above vessel.

In reply I have to inform you that with engines for main propelling purposes having particulars as stated below, the following sizes of shafting are not less than the minimum determined by the Rules, viz.,

Intermediate 395 mm. diameter in body  
288mm. diameter at forward coupling.

Screw 556 mm. diameter

## Particulars of Engines.

Engine Type	4. S.C.S.A.
No. of Cylinders	7
Diam. of Cylinders	590 mm.
Stroke	1100mm.
Revs. per Min.	145
B.H.P.	2350 each engine
GD <sup>2</sup> of Balance Weights	7700 kg.M <sup>2</sup>
GD <sup>2</sup> of Turning Wheel	1700 kg.M <sup>2</sup>
Diam. of Propeller	3810 mm.
Screw shaft with Continuous Liner	

The details of the intermediate and screw shafting as shown on the plan meet the requirements of the Rules.

The foregoing only constitutes a preliminary approval of the proposed sizes of shafting and final approval is subject to the torsional vibration characteristics of the complete dynamic

cont./



15th March 1950

Continuation Sheet No. 1.

system formed by the engine, line shafting and propeller, as required by the Rules, being approved.

With reference to the remarks contained in the last paragraph of your letter under reply, I may add that plans of the shafting and torsional vibration calculations have not been submitted by Messrs. Burmeister & Wain.

Two copies of the plan are returned herewith.

Yours faithfully,

*acj.*  
pro Secretary

J. Bowman, Esq.,  
KIEL.



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