

W432-0264

So far as the machinery is concerned:

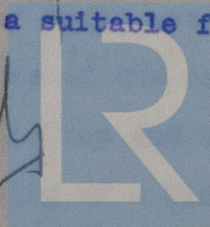
The shortening of the vessels and re-arrangement of stern gear, new propellers, etc., should have no adverse affect on the reliability of Turbines and Gearing.

With regard to the possibility of the alterations to the shafting system giving rise to torsional vibration, this is a matter which could only be answered after a complete mathematical investigation had been made. For this purpose it would be necessary to have detailed particulars of the machinery, including weights and disposition of all rotating masses in the system.

Investigations of this nature have previously been carried out in this Office, but it will be appreciated that in view of the highly specialised character of the work involved, it would be necessary to charge a suitable fee for these services.

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12.12.1934.

assumed that proper arrangements will be made for the

*[Handwritten notes on the right margin, partially obscured by the page edge]*