

COPY

# LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

71, Fenchurch Street, London, E.C.3

Telegrams: Committee, Fen. London

Telephone: Royal 3551 (6 Lines)

20th November, 1951.

Eng.

Dear Sirs,

"PAMIR" and "PASSAT"

Messrs. Howaldtswerke Engines Type F46A-6PU

I have to acknowledge receipt of your letter of the 29th ultimo, forwarding torsional calculations in respect of the above engines. In view, however, of the fact that these vessels are four masted barques, I shall be glad to learn whether these engines are intended for main or auxiliary propelling purposes.

In the latter case the submission of torsional vibration calculations for examination would not be required unless specially requested by the Owners.

If, however, these engines are for main propulsion the data to hand would be insufficient for examination of the torsional vibration characteristics, and for this work to be done the following additional particulars and plans would be required:-

1. A completed engine data sheet.
2. A detailed plan of the Crankshaft.
3. Detailed plans of straight shafting for each installation.
4. The firing order.

P. T. O.

*W. H. H.*



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Lloyd's Register  
Foundation

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UNITED WITH THE BRITISH CORPORATION REGISTER

71, Fenchurch Street, London, E.C.3

The firm's calculation sheets are being retained until receipt of your reply.

20th November, 1931.

Yours faithfully,

*Colin Mel*

Secretary.

I have to acknowledge receipt of your letter of the 15th inst., regarding torsional vibrations in respect of the above engines. In view, however, of the fact that these vessels are four masted barques, I shall be glad to learn whether the intended for main or auxiliary propulsion.

The Surveyors,  
HAMBURG.

In the latter case the submission of torsional vibration calculations for examination would not be required unless specially requested by the Owners.

If, however, these engines are for main propulsion the data to hand would be insufficient for examination of the torsional vibration characteristics and for this work to be done the following additional particulars and plans would be required:-

1. A completed engine data sheet.
2. A detailed plan of the crankshaft.
3. Detailed plans of straight shafting for each installation.
4. The listing order.

P. T. O.

