

Free translation.

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Ostermann & Cie., Köln-Ehrenfeld

21. 6. 52

Messrs.
Lloyds Register of Shipping
Surveyors Office
Düsseldorf
Breitestr.29

Re: S.S. "PAMIR" and "PASSAT" - Propellers.

Ref. your letter of the 16th instant.

We calculated the propeller to plan OCO 531 with a stress of 1180 kg/cm² for the cross section on radius 308.

In your letter only poportion properties are given and it would be of interest for us what stress has been calculated by you.

Enclosed is a new plan OCO 541 of the propeller with a greater hub and cross section. For the lowest cross section of this plan we calculated a stress of 453 kg/cm². We hope the stress will be in the limits now and should be glad to receive an approved plan.

Yours faithfully

Signature.

P.S. The material of the propellers is manganese bronze to Rule requirements. The speed assumed by the manufacturer is 8 knots.

Mh.



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Foundation