



# LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

Ballindamm 25, Hamburg 1

RECEIVED

Telegrams: Surveyors, Hamburg

Telephone: No. 33 35 39

Reference

3311/51/A.

3 DEC 1951

30th November, 1951.

Ansd. 12

Dear Sir,

"PAMIR" and "PASSAT"

With reference to your letter of the 20th instant, we forward herewith 2 copies of the following plans

MR 2685 - Shafting  
MO 101931 - Crankshaft

These sailing ships are being fitted with diesel engines for auxiliary propelling purposes by Messrs. Howaldtswerke, Kiel.

The engines were made by Krupp-Germaniawerft A.G. in 1940 and 1943 respectively, being intended for use in German Naval craft. It is stated that the engines have not been previously used.

Both engines were completely stripped and overhauled this year under the supervision of Germanischer Lloyd and are Krupp type F46, 4 S.C.S.A., having 6 cylinders, 400 mm bore x 460 mm stroke, span of bearings 428 mm and developing 900 BHP (supercharged) at 350 r.p.m. No further details are available in this Office.

The straight shafting has been made to G.L. survey and copies of test certificates have been requested together with details of the results of check Brinell tests on the shafts. These will be forwarded to you as soon as possible. The torsional calculations forwarded with our letter of the 29th ult. were supplied on request of the Kiel Office and not at Owners' request.

The Owners and Messrs. Howaldtswerke are particularly desirous of obtaining quick approval of the plans, as the work of installation is already in hand. We respectfully refer you to our letter of the 23rd October.

Pumping and piping arrangements are being installed in accordance with the Rules and plans so far received have been dealt with in this Office, copies of which will be forwarded to you under separate cover. In view of the urgency of the case we would be glad to know that our action in this respect is in order.

p.t.o.



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Lloyd's Register Foundation

*30/11. 4x recd  
en plans G.L. w/*

*225th  
8 Dec.*

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH COMMERCE REGISTER

- 2 -

Bullwharf 27, Hamburg 1

RECEIVED



We confirm the receipt of your telegram of the 29th instant which reads as follows: -

PAMIR PASSAT REFERENCE MY LETTER TWENTIETH AND TELEPHONE CONVERSATION WHITHAM TWENTYEIGHTH PLEASE FORWARD SHAFTING PLANS AND FULL PARTICULARS ENGINES ALSO MATERIAL TEST CERTIFICATES FOR CONSIDERATION.

Yours faithfully,

*[Handwritten signature]*

Enclosures.

The Secretary,  
London.

The engines were made by Krupp... A.C. in 1943 and 1945 respectively, being intended for use in German Naval craft. It is stated that the engines have not been previously used.

Both engines were completely stripped and overhauled this year under the supervision of Germanischer Lloyd and are Krupp type P46, 4 S.C.S.A., having 6 cylinders, 400 mm bore x 450 mm stroke, span of bearings 458 mm and developing 900 BHP (supercharged) at 550 r.p.m. No further details are available in this Office.

The straight shafting has been made to G.L. survey and copies of test certificates have been requested together with details of the results of check Brinell tests on the shafts. These will be forwarded to you as soon as possible. The torsional calculations forwarded with our letter of the 29th ult. were supplied on request of the Kiel Office and not at Owners' request.

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ENG.

URGENT.

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