



# Lloyd's Register of Shipping,

1, Anton Graffstrasse,

Winterthur, 23rd October, 1935.



"Conte Rosso".

Loeffler Escher Wyss HP Installation.

Reference

E.

Dear Sir,

With reference to your letter of the 7th instant addressed to the Trieste Office, a copy of which was forwarded to this Office for my information, I submit herewith for your consideration Report No.F867 giving the results of the tests witnessed for the turbines for the above installation.

Messrs.Escher Wyss & Co. had this contract for 4 to 5 months before I was called in, and as the Firm has been reconstructed the gentlemen there know nothing about classification requirements the material has been ordered without being tested by the Society's Surveyors.

Some of the forgings were finished machined when I was advised of the contract, and I have made the best provisions under the circumstances by taking test pieces from the finished forgings where this could be done. This was not possible in the case of the circulating pump shaft and cast steel casing, and I enclose the Makers' certificates for these parts.

The pinions and gear wheels were in a finished condition and case hardened. A disc was cut from the end of the pinions and the tests taken crosswise from the material, the bends coming from the centre of the shafts. The gear wheels have been tested by drilling test pieces out of the webs.

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2.

*cast steel?*

The question of using special cast iron for the turbines casings of the two feed pumps, and the other points raised in your letter to the Trieste Office will be dealt with through Cantieri Riuniti dell' Adriatico.

For your information I have been informed by Messrs. Escher Wyss & Co. that it is expected to increase the power in this vessel from 17000 to 22000 H.P. with this installation. The additional power to be obtained from the two primary turbines 1250 H.P. each now under construction, and by increasing the power in the existing plant, especially in the L.P. turbines.

In considering the enclosed tests I beg to inform you that the primary turbines can be uncoupled and the ship run on the existing plant.

I am, Dear Sir,

Yours faithfully,

*W.B. Vallis*

The Secretary,  
London.



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SE OCT 13 1932  
Delivered to the Chief Engineer, Zante



The question of using special cast iron for the turbines casing of the two feed pumps, and the other points raised in your letter to the Trieste Office will be dealt with through Generali Rimatori dell' Adriatico.

For your information I have been informed by Messrs. Escher Wyss & Co. that it is expected to increase the power in this vessel from 17000 to 22000 H.P. with this installation. The additional power to be obtained from the two primary turbines 1250 H.P. each now under construction, and by increasing the power in the existing plant, especially in the L.P. turbines.

In considering the enclosed tests I beg to inform you that the primary turbines can be uncoupled and the ship run on the existing plant.

I am, Dear Sir,

Yours faithfully,

*W.D. Jones*

Referred to the Chief Engineer Surveyor

*W.D.*

25 OCT 1935

*SpL*

The Secretary,  
London.



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