

Q. S. S. "BERENGARIA"

Nwc. 75474

ex "IMPERATOR"

Sou. 11229

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This vessel was built in 1912 by Messrs. Vulcan-Werke, Hamburg, and classed with the Germanischer Lloyd.

With a view to the vessel's classification with this Society plans of the water tube boilers, oil fuel burning installation and water fire extinguishing apparatus were approved in the Secretary's letter of 30th September 1921.

Particulars of the engines and plans of the general pumping arrangements, oil fuel tank heating arrangements, and of the chemical fire extinguishing apparatus have now been forwarded, and these meet the requirements of the Rules, except that the size of the screw shaft, viz:- 480 m/m is slightly below the Rule size of 500 m/m.

A special survey has also been held on the machinery and satisfactory reports forwarded.

The vessel has been docked and the underwater fittings examined, but owing to the Engineers' strike it has not been possible to examine the thrust shafts or the screw shafts. The latter, each of which is fitted with three liners, were examined by the Liverpool Surveyors in February 1920.

IT IS SUBMITTED that this vessel is eligible for the Record:-

L.M.C. -5.22. F.D. 14860 N.H.P.  
Fitted for Oil Fuel, 5.22, F.P. above 150°F.  
4 steam turbines  
46 water tube boilers, 228 lbs.

subject to the water tube boilers being surveyed annually, and to the thrust and screw shafts being examined at the first available opportunity.

The Southampton Surveyors should be informed that it is noted that the plan indicates the double bottom tanks in No. 4 boiler room as carrying fresh water. It is concluded that this is not intended for boiler feed purposes, observing that these



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tanks are partially underneath oil fuel tanks.

It is also concluded that provision is made for draining the fore peak tank top flat, but these two points should be confirmed.

*ms.* 25. 5. 22.



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Lloyd's Register  
Foundation

of tubes 48 Pitch of tubes 60 Material of tube plates Steel Thickness: Front 48 Back 48  
as wide water spaces Working pressures by rules Girders to Chamber tops: Material  
of girder at centre Length as per rule