

Q. S. S. "BERENGARIA"
ex "IMPERATOR"

Nwc. 75474
Sou. 11229

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 *2.5.22*
25. 5. 22.

t below
No
Pitch
Tunnel
Pitch
Drum, 1
185
EIGHT OF
BLADES
490
LAMONT
No. 1
K Ball
filled in
ble ✓
above or below
with a spigot
BRIDGE
No. 1
No. of Ce
No. an
Are the
rip. of rivets
plates or w
hole in she
erial
No. of
ack
Work
rules
of Front plat
Working pressu
45% Me



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Lloyd's Register
Foundation

of tubes 45% Pitch of tubes circ 60mm Material of tube plates Steel Thickness: Front 45% Back 45% Me
ans wide water spaces Working pressures by rules Girders to Chamber tops: Material
of girder at centre Length as per rule