

W1218-0137

S.S. "ZEPPELIN"

This vessel was built in 1914 by Messrs. Bremer Vulkan, Vegesack, classed with the Germanischer Lloyd, and is now at Amsterdam undergoing survey with a view to classification with this Society.

Plans of the shafting and stern tube, boilers, arrangement of auxiliary machinery and pumping arrangements have been forwarded.

With engines having cylinders 730, 1100, 1530 and 2150 m.m. diameter by 1500 m.m. stroke, diameter of propeller 5900 m.m. and screw shaft without liners, the sizes of shafting, viz:-crank and thrust 435 m.m., intermediate 410 m.m. and screw shaft 454 m.m. diameter, meet the requirements of the Rules for the designed working pressure of 15.5 kg. per sq.cm.

The boiler plan is in order for the above working pressure with the exception of the shell plating and butt straps, and also the furnaces, which are somewhat below what would be required by the Rules.

The pumping arrangements as shewn on plan meet the requirements of the Rules.

It is submitted that provided the working parts of the engines be opened out, examined, found in good order and safe working condition, and the sizes of shafting be in accordance with the plans; the boilers be examined throughout, particularly at the furnaces, and be found in good condition; the pumping arrangements be as shewn on plan and be otherwise in accordance with the requirements of the Rules, the machinery of this vessel might be accepted for a working pressure of 15.5 kg. per sq.cm., and the notation of LMC (with date) without the distinguishing mark assigned on receipt of a satisfactory report.

Return 9 plans.

13.4.21.

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