

Ex German Steamer "SPES". No. 72798 in R.B.
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This vessel was built in 1908 by Messrs. Stettiner Oderwerke, Stettin, and classed with the Germanischer Lloyd, and is now at Leith undergoing survey with a view to classification with this Society.

The Leith Surveyors state that there are no plans or boiler book on board the vessel and they have now forwarded a preliminary First Entry Report on the machinery. The engines, shafting and boilers have been examined by them and found in good condition.

The original working pressure of the boilers is stated to have been 13 kg. per sq. cm. (185 lbs. per sq. in.), and the scantlings as given on the report meet the requirements of the Rules for the above working pressure except in the case of the combustion chamber top screwed stays which are slightly smaller than would be required.

With reference to the engines, the particulars of which are as follows:- cylinders 430, 700 and 1100 m/m diameter by 800 m/m stroke, diameter of propeller 13'- 6" and screw shaft without liners, the sizes of shafting, viz:- crank $9\frac{1}{4}$ " and intermediate $8\frac{5}{8}$ " diameter are in accordance with the requirements of the Rules for a working pressure of 185 lbs. per sq. in., but the sizes of the thrust shaft $8\frac{5}{8}$ " and of the screw shaft $10\frac{1}{4}$ " diameter are slightly below those required by the Rules for this pressure.

It is submitted that as this vessel has been in commission for some years and the machinery has been examined and found in good order, provided the number of bilge suction in the engine room be in accordance with the requirements of the Rules and the jacking up of the boiler furnaces be effected to the Surveyors' satisfaction, the machinery of this vessel might be accepted for a working pressure of 185 lbs. per sq. in., and the notation of LMC (with date) without the distinguishing mark * be assigned on receipt of a satisfactory report.

The preliminary report should be returned to the Leith Surveyors who will furnish a fresh complete First Entry Report at the completion of the Survey.

18. 1. 21.