

urgent
S.S. "KURLAND" ex German Steamer.
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This vessel built in 1920 by Messrs. J.C. Tecklenborg A.G. Geestemunde, was classed with the Germanischer Lloyd and is now at Leith undergoing survey with a view to classification with this Society.

Plans of the main boilers, shafting, stern tube, propeller and pumping arrangements together with particulars of the cylinders have now been submitted by the Leith Surveyors.

With engines having cylinders 710 m/m x 1150 m/m x 1880 m/m diameter by 1300 m/m stroke, working pressure 14 kg. per sq. cm., screw shaft fitted with a continuous liner, and diameter of propeller 5700 m/m, the sizes of shafting as stated on plans, viz:- screw shaft 410 m/m diameter meets the requirements of the Rules, but those of the crank, thrust, and intermediate shafts, viz: 380 m/m, 380 m/m and 360 m/m diameter respectively, are/under slightly the Rule sizes for the above pressure.

The pumping arrangements as shewn on plan are in order.

With reference to the boilers, the scantlings as shewn on plan meet the requirements of the Rules for the original working pressure of 14 kg. per sq. cm., with the exception of the furnaces the thickness of which is slightly under that required.

It is submitted that provided the working parts of the engines be opened out and examined and found to be in good and safe working condition, and in accordance with the Rules; the boilers be examined throughout, and the furnaces be found to shew no sign of strain; their scantlings be in accordance with the plan and the boilers be found in good and safe working condition; the pumping arrangements be as shewn on plan and otherwise in accordance with the requirements of the Rules, this machinery might be accepted/for the original working pressure of 14 kg. per sq. cm. i.e. 200 lbs. per sq. in., and a notation of LMC (with date) without the distinguishing mark ✕ be assigned.

Lr. 24 2-21
to G.S. Return 6 plans.

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