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S.S. "BULGARIAN" ex "OTTO KALTHOFF".
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This vessel built in 1904 by Messrs. Flensburger Schiffbau Ges.. Flensburg was classed with the Germanischer Lloyd, and is now undergoing survey at London with a view to certification with this Society.

Plans of the boilers and pumping arrangements have previously been dealt with, and a preliminary report on the machinery is now forwarded for consideration.

In order to complete the survey the screw shaft, and connections and their fastenings remain to be examined, the boiler safety valves to be adjusted under steam. The engines having cylinders $21\frac{5}{8}$ " x $35\frac{1}{2}$ " x 55" diameter by 16" stroke, the stated sizes of the shafting, viz:- $10\frac{3}{8}$ ", thrust $10\frac{1}{4}$ ", intermediate 9 $15/16$ " diameter are larger than would be required by the Rules for a working pressure of 170 lbs. per square inch, which is that originally designed by the Germanischer Lloyd, but with the original diameter of cylinders the sizes of shafting would practically comply with this Society's requirements, and as it is also stated that the shafting is sound and free from defects, the sizes of shafting might be approved for this working pressure,

It is submitted that upon satisfactory completion of the survey the machinery might in this instance be accepted for a working pressure of 170 lbs. per square inch, and a notation of LMC (with date) without the distinguishing mark assigned.

The London Surveyors should be advised accordingly.

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