

S.S. "KUMANOVO"
ex "Grand Duke Alexander Michailovitch"

The above vessel was built in 1907 by Messrs. Kockums Mek. Verksted Akt. Malmo and is now owned by Messrs. Dubrovacka Parabodska Plovidba who desire the classification of this Society.

Plans of the boiler, shafting and pumping arrangements have now been submitted for consideration.

With steam engines having cylinders 450 mm. X 700 mm. X 1200 mm. diameter by 700 mm. stroke and working pressure 13 Kgs. per sq. cm. the sizes of shafting as given :- crank 235mm. and intermediate shaft 224 mm. diameter meet the requirements of the Rules; the diameter of the screwshaft, viz:- 240 mm. also meets the requirements of the Rules provided the diameter of the propeller does not exceed 3515 mm. if the shaft is fitted with a continuous liner, or if with two liners 3140 mm. diameter.

The scantlings of the boiler as shewn on the plan meet the requirements of the rules for the ORIGINAL working pressure of 13 Kgs. per sq. cm. with the exception of the furnaces which, owing to the low minimum tensile strength of the material, are slightly below the Rule thickness .

The pumping arrangements as shewn on the plan are also in order.

It is submitted that provided the engines be opened out, examined and found in good condition and in accordance

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with the requirements of the Rules, the diameter of the propeller be not greater than 3515 mm, if the screw shaft is fitted with a continuous liner, or 3140 mm. if fitted with two liners, the boiler be examined throughout, the scantlings be as shown on the plan, the furnaces be specially examined and found to show no sign of strain and the boilers otherwise be in good order and safe working condition; the pumping arrangements be as shown on the plan and otherwise in accordance with the requirements of the Rules, the machinery of the Vessel might be accepted for a working pressure of 13 Kgs. per sq. cm. and a record of L.M.C. (with date) without the distinguishing mark assigned.

It is concluded that a bilge injection and a donkey pump direct bilge suction of Rule size are fitted in the machinery space and that provision is made for ^{DRAINING} drawing the accommodation space after, but these conclusions should be confirmed . .

The Trieste Surveyors should also be advised and plans forwarded for their guidance.

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25.7.24.

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