T. S. M. V. "SAGAMI" ex "Secundus". No.33699 in Register Book.

This vessel was built by Messrs. Blohm & Voss, Hamburg in 1914 and was classed with this Society in February,1927.

The Hamburg Surveyors state that the existing Diesel Oil Engines are to be replaced by Diesel Oil Engines made by Messrs. Deutsche Werke, Kiel; the new engines are partly constructed and so far have been built under the supervision of the Germanischer Lloyd.

The crank and thrust shafts for the new engines have been delivered and plans of these shafts together with certificates of tests of the material are forwarded for consideration.

With 4 S.C.S.A. Diesel Engines for main propelling purposes and having 6 cylinders 550 mm. diameter by 900 mm. stroke, span of bearings 706 mm., maximum pressure in the cylinders 35 kg. per sq. cm., mean indicated pressure 7.2 kg. per sq. cm., and revolutions 145 per minute, the sizes of shafting as shown on the plans,viz:- crank pins and journals 335 mm. diameter with 80 mm. diameter central hole and thrust shaft 275 mm. diameter meet the requirements of the Rules.

Also the results of the tests of the materials of these shafts as shown on the test certificate are in order.

IT IS SUBMITTED that these shafts might be accepted, provided they be examined and found sound and free from defects and their dimensions be in accordance with the plans now submitted; also, provided the completed parts of the engines be opened out, examined and found satisfactory, the construction of the engines be completed under special survey, and the engines be fitted on board in accordance with the requirements of the Rules, a record of ✠ L.M.C. (With date) might be assigned.

Further the capacities of the air compressors are

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W238-0220 (1/2)

satisfactory.

Particulars of the straight shafting should be submitted for consideration.

Return plans of shafting (2) and
    Test Certificates.
Retain copies of plans of shafting.

ARR

22.7.27.

Lr 22/7/27

W238-0220(2/2)