

S. S. "P A T M O S".

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This vessel was built in 1902 by Messrs. Akt.Ges.Neptun, Rostock, was classed with the Germanischer Lloyd, and is now undergoing survey at Newcastle with a view to classification with this Society.

A plan of the boilers together with a preliminary report on the machinery, have now been forwarded for consideration.

The Newcastle Surveyors state that the machinery and boilers have been examined and found in satisfactory condition.

With engines having cylinders $21 \frac{1}{16}$ " x $35 \frac{1}{2}$ " x $56 \frac{1}{4}$ " diameter by $35 \frac{7}{16}$ " stroke, working pressure 175 lbs per square inch, diameter of propeller 14'6" and screw shaft without liners, the sizes of shafting as stated, viz:- crank $10 \frac{7}{8}$ ", thrust $10 \frac{7}{8}$ ", intermediate $10 \frac{5}{8}$ " and screw shaft $12 \frac{3}{8}$ " diameter, are in accordance with the requirements of the Rules for the original working pressure of 175 lbs per square inch.

With reference to the boilers the scantlings as shewn on plan meet the requirements of the Rules for the original working pressure of 175 lbs per square inch.

It is submitted that provided the pumping arrangements be found in accordance with the requirements of the Rules, the machinery might in this instance be accepted for the original working pressure of 175 lbs per square inch, and a notation of LMC (with date) but without the distinguishing mark * assigned.

(Return plan together
with first entry report)

Lm: 11/11/20

A.P.S. W.K.G.
Wals

10.11.20.



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