

S. S. "AUGSBERG" ex GERMAN STEAMER.

This vessel built in 1915 by Messrs. Flensburger.Schiffsb.  
Ges.Flensburg, was classed with the Germanischer Lloyd and is now  
at Newcastle undergoing survey with a view to classification with  
this Society.

Plans of the main boilers, shafting, pumping arrangements,  
engine room and stokehold pipe plan, propeller and stern tube  
have now been submitted by the Newcastle Surveyors.

With engines having cylinders 820 x 1340 x 2200 m/m diameter  
by 1400 m/m stroke, working pressure 14.5 kilogrammes per square  
centimetre diameter of propeller 6100 m/m and screw shaft fitted  
with continuous liner, the sizes of shafting as shewn on plan, viz:-  
crank 452 m/m, intermediate 420 m/m and screw shaft 465 m/m diameter  
are in accordance with the requirements of the Rules but that of  
the thrust shaft, viz:- 432 m/m diameter is slightly below the Rule  
size.

The plans of pumping arrangements, engine room and stokehold  
piping, propeller and stern tube are also in order.

With reference to the boilers, the scantlings, as shewn on plan,  
meet the requirements of the Rules for the above working pressure, ---  
-----With the exception of the furnaces the thickness of which is  
less than that required for the intended working pressure.

It is submitted that provided the working parts of the engines  
be opened out and examined and found in good and safe working con-  
dition and in accordance with the Rules; the boilers be examined  
throughout, their scantlings be in accordance with the plan and be  
found in good and safe working condition, and the furnaces be  
specially examined and be found to shew no sign of strain, the same  
might be accepted for the original working pressure of 14.5 kilo-  
grammes per square centimetre, and a notation of LMC (with date) but  
without the distinguishing mark \* assigned.

Return 5 plans.

Loc:- 13/12/20

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