

S.S. "LEOPOLDVILLE".

It is proposed to carry out certain alterations to this vessel, including the fitting of a Maier form bow, Bauer Wach turbines, and ~~transforming the vessel from saturated into~~ ^{substituting superheater for} ~~superheated~~ ^{saturated} steam. With these alterations it is expected that the speed will be increased from 14 to 16 knots.

In discussing the proposed alterations with the Owners' Representative it was pointed out that on this account it would either be necessary to increase the diameter of the rudder head and other parts of the rudder, or alternatively to reduce the A x D so that the rudder head corresponded to the tabular requirements for the increased speed.

The Antwerp Surveyors now forward a plan of the existing rudder, on which has been indicated a proposal to cut away about $9\frac{1}{2}$ inches from the after edge of the rudder.

The modified A x D has been compared with the tabular requirements, and it is found that with this alteration the existing rudder head is suitable for a speed of 16 knots.

It is therefore submitted the Surveyors be informed that provided the A x D of the rudder be reduced as shewn on the plan the existing rudder head could be accepted for the increased speed of 16 knots.

*Dr. 13.6.26
Ans. 15.6.26
2 plans returned.*



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