

Twin Screw Steamer "LEOPOLDVILLE".

This vessel, which was built in 1929 and classed 100A1 "With Freeboard", is owned by the Compagnie Maritime Belge.

The Antwerp Surveyors now forward a letter from the Mercantile Marine Engineering & Graving Docks Co., in which it is stated that it is proposed to :-

- (1) Fit a Maier form bow;
- (2) Fit two Bauer Wach exhaust turbines;
- (3) Transform the vessel from saturated into superheated steam;
- (4) Lengthen the bridge deck at the forward end;

and they forward 13 plans, in triplicate, shewing the proposed structural alterations.

It is found that the increase in the rule length does not affect the existing scantlings, and the present equipment can also be accepted for the modified dimensions and erections.

It is submitted the Surveyors be informed that the scantlings and arrangements as shewn and amended on the plans will be approved, provided they be carried out to their satisfaction.

They should also be informed that the equipment number has been carefully computed on the basis of the modified arrangements at the forward end also the altered erections, and is found to be such as could be accepted as not exceeding 5070 in the Metric Rules.

The Surveyors should further be informed that the diameter of the rudder head and other parts of the rudder as fitted were approved on the basis of a speed of 14 knots. It is assumed that the speed will be increased due to the alterations proposed to be carried out, and if this is the case it will be necessary either to reduce the ^{A x D} ~~area~~ of the rudder, ^{so that} ~~to~~ correspond to the increased speed, or alternatively for the rudder to be renewed.

The Surveyors should discuss this matter with the Builders and ascertain from them the new speed of the vessel and state what action is proposed to be taken in regard to the rudder. (See separate endorsement re ~~plans~~ machinery).

(to come)

1.5.36.

W251-0098

In 17/4/36
and 4/5.
26 plans C.P.
13 Rtd.