

T.S.S. "MARELLA" ex "WAHEHE".

This vessel which was built at Hamburg in 1914 by Messrs. Reiherstieg Schiffswerfte and Maschinenfabrik and classed with the Germanischer Lloyd has been surveyed by the Sydney N.S.W. Surveyors with a view to classification with this Society.

First entry and repair reports and plans of boilers and pumping arrangements have been received.

The sizes of the shafting meet the requirements of the Rules for a working pressure of 227 lbs. per sq. in.

The scantlings of the boilers as shewn on plan meet the requirements of the Rules in force when the boilers were made for the designed working pressure of 16 atmospheres (227 lbs. per sq. in.) with the exception of the combustion chamber girders, which, owing to the low tensile strength of the ~~shell~~ plates, are below what would have been required for that pressure.

The plan of pumping arrangements meets the requirements of the Rules except that no donkey pump direct suction is fitted in the engine room.

The Sydney Surveyors report that the engines and boilers have been opened up and examined and found in good condition; two additional girders have been fitted to the centre combustion chambers in each boiler; two donkey pump separate bilge suction have been fitted in the engine room.

It is submitted the engines ^{and boilers} of this vessel might be accepted in this instance for a working pressure of 227 lbs. per sq. in. and a record of LMC 2.21 be assigned.

Note: Q. 8 cy. 22 5/16", 33 7/16", 49 7/16", 71 11/16" - 49 7/16".

3DB. ¹⁸ 12 cf. GS 305. HS 15403. 1111 NHP. CL. and FD.

Li: - 5.7.21

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30. 6. 21.



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