

S. S. "MAHRONDA".

This vessel was built in 1905 by Messrs. Harland & Wolff, Ltd., at Belfast, and is classed 100A1.

She has been acquired by A/S Rosshavet (Johan Rasmussen & Co.) Sandefjord, who propose to convert the vessel for the carriage of Whale Oil in bulk.

Plans ^{in duplicate} have been received from the Christiania Surveyors showing the proposed arrangement of oil tanks and scantlings of the new bulkheads which are to be fitted. A translation of a letter from Messrs. Framnaas Mek. Verksted, the Shipbuilders instructed to carry out the alterations, is also enclosed.

Six new transverse bulkheads are to be fitted, forming with the existing bulkheads 11 oil tanks which are to be divided longitudinally by an oil-tight division.

The lengths of the oil tanks vary from 23'-10" to 34'-8" and the lower deck forms the crown of the tanks.

The cargo hatchways are to be plated in, and expansion hatches 6' x 4' x 4' deep are to be fitted, together with overflow pipes standing 6 feet above the crown of the tank.

Clear of the present hatchways the beams of the lower deck are fitted on alternate frames and it will be necessary to fit additional stiffening to the deck plating.

It is submitted that provided the arrangements of transverse and longitudinal bulkheads, tunnel and framing at lower deck be carried out as shown and amended on the plans now forwarded for consideration the same will merit approval.

The existing bulkheads will require to be additionally stiffened so as to be of equivalent strength to the bulkheads now approved, and the lower deck plating, in way of beams on alternate frames, should be fitted with 6-inch bulb angle longitudinal stiffeners on its upper side spaced about 5 feet apart, or, alternatively, intermediate beams should be fitted.

A girder should also be fitted under the lower deck on each side at the head of the quarter pillars.

Plans of the above mentioned additional stiffening should be submitted for consideration.

Gutterway angles should be fitted on the tank top inside the machinery space bulkheads so that any oil leakages may be led directly to the bilges.

The Surveyors should satisfy themselves in regard to the condition of the existing portions of the structure forming the boundaries of the oil tanks: and provided the alterations be carried out and the tanks be tested to their satisfaction, the vessel could be recommended for the class 100A1 with the notation "Carrying whale oil in bulk".

With regard to the Repairers' request to be informed by cable it is further submitted they be informed it is regretted that it is not found practicable to communicate the Committee's decisions by wire, the arrangements being too complicated and the necessary alterations too extensive.

They might, therefore, be informed by wire as follows:-

"MAHRONDA RETURNING PLANS TONIGHT".

One copy of plans to be retained

*Tel + hr. 20/4/23
Anod 2 btt.
4 plans
2 retained*

25.4.23
/6

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