

Steel Twin Screw Steamer Design No. 556, proposed to be built by The Mitsubishi Zosen Kaisha with a view to Class 100A1. Moulded dimensions 495' x 62' x 37'-0".

General arrangements, lines, flooding curves and calculations submitted by Mr. Crawford with a view to compliance with "Mixed type" standard for a moulded draught of 28.5 ft.

It is submitted the Surveyor be informed that the plans and calculations have been examined, and in order that the vessel may comply with the regulations laid down in the Board of Trade Instructions relating to the Construction of Passenger steamers for the "Mixed" standard, the following alterations should be carried out:-

Watertight floors should be fitted in the double bottom in line with each watertight bulkhead, and not one frame space clear of bulkhead as proposed by the Builders.

The outer walls of shaft tunnels in No. 5 hold (frames 29 to 46) should not come nearer the skin of the vessel than the minimum distance required for an inner skin (in this case 2.74 ft.).

(A sketch has been prepared in this office to illustrate this point, and a copy should be sent for the information of the Builders.)

Further the Surveyor should see that all the requirements of the Board of Trade's Instructions relating to the Construction of Passenger steamers are complied with, and on completion he should report in full detail accordingly.

Provided the vessel in all other respects be built in accordance with the lines and arrangements supplied, a summer freeboard of 8'-11 1/2" from statutory deck line 1 3/4 inches above wood upper deck at side; corresponding to the proposed moulded draught of 28'-6" could be approved.

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W.D.
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13. 4. 20.

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