

Steel Twin Screw Motor Cargo Ship, Yard No. 64, proposed to be built by Messrs. Aalborg Vaerft A/S with a view to class 100A1 with a freeboard corresponding to a draught which could be assigned to a complete superstructure vessel having a tonnage opening, with the notation "Strengthened for Navigation in Ice".

Owner : Mr. J. Lauritzen

Rule dimensions : 350 x 51.75 x 30 feet
21' forward deck
 Scantling numbers : 10150 and 28262
 Proportions : Length = 11.66 depths

Plans of midship section and profile and decks have been approved in the Copenhagen Office, and copies have been forwarded here for record.

The scantlings and arrangements have been examined generally and found to be in order.

Mr. Hodgson's attention should be drawn to the following points :-

(1) Ten $\frac{7}{8}$ " rivets should be fitted in the horizontal arm of the frame bracket connection in the motor space.

(2) Special care should be taken to ensure that the necessary standard of strength of the upper deck girder at frame 85 is fully maintained into the hatchway, and, according to the computation in this Office, the pillar on frame 85 should be 13 x .54".

(3) No particulars are given of the breadth of the engine bed plate. It would appear, however, that either an additional half depth girder should be fitted at about 2'3" port and starboard, or, alternatively, the centre girder should be extended to the tank top. This, however, can only be determined when particulars of the engine and bed plate are known, and the Surveyors might discuss this point with the shipbuilders.

*P. 26.11.38
 And. 5.12.38
 2 Plans retained.*

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