

T.S.S. "AVELONA STAR"

Sketch of new deck houses proposed to be fitted on the promenade deck.

In the letter received from the Glasgow Office it is stated that the material for the deck house had been ordered and delivered prior to the submission of the plan, and it is pointed out that the thickness of the deck house plating, as proposed, is less than the average of the Society's practice for a deck house of this kind.

This is true, but the Committee have no published Rules covering the thickness of deck house plating, and it has not been their practice in the past to ^{insist upon} impose an unvarying standard in cases of this nature.

It is submitted Mr. Dickerson be informed that, having in view the circumstances of the case, and the fact that the thickness of the material proposed to be fitted is somewhat less than would be necessary if it were desired to produce the same stress at the top of the deck house, under the same assumed conditions, as would be experienced at the promenade deck, it is desirable that particular attention be paid to the arrangements in way of the openings.

Mr. Dickerson should discuss the question with the Builders with a view to adequate reinforcement arrangements being adopted in way of the openings, either on the vertical sides of the house or on the top of the house. The arrangements at the ends of the house should also be discussed, as, for example, the attachment of the house to the deck, and the supports under the end of the house.

With regard to the stiffeners, Mr. Dickerson might be informed that the attachment of these at the bottom by means of lugs might not commend itself to the Builders as an ^{practicable} economical arrangement. The size of these stiffeners is connected with the number and strength of the webs proposed to be fitted, and

the scantlings of the stiffeners should be considered in association with these.

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