

Swan, Hunter & Wigham-Richardson's S.S. No. 735.

Cunard Express Steamer.

It is submitted that provided the scantlings and arrangements be as shown and amended, the same will merit approval.

The question of the scantlings of the topside plating and shelter and upper decks must be left open until a maximum bending moment has been agreed upon and tests made upon the high tensile steel proposed to be adopted at these parts.

With regard to the arrangement of web frames and stringers in hold, it is suggested that in view of the proposal to dispense with the orlop deck for the greater part of the vessel's length, and to fit only wide spaced beams at this part, it would be ^a more efficient arrangement, and a lighter one, if the stringer plates and angles were made 10/20" instead of 12/20", the web frames 11/20" instead of 10/20", and the stringers attached to the shell plating by double angles throughout, in which case the stringer angle fitted on the inside of the frames might be dispensed with.

As regards the attachment of the floor brackets to the margin plate, it is also suggested that a more efficient arrangement would be obtained by fitting double face angles attaching the brackets to the tank top plating in lieu of double angles to the margin plate.

Lv: b Builders
27/9/04
(10 plans)
roll regd.
P.C. to Inve

J.V.L.
27/9/04 *J.B.*

