

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

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It is submitted Messrs. Swan, Hunter & Wigham Richardson, Lim. should be informed in reply to their letter of the 15th July, 1904 relating to the case of their Cunard Liner No. 735, that the proposals contained therein have been carefully examined.

The Builders should be reminded that from their own latest estimates the maximum bending moment due to the arrangement of weights in the vessel has been considerably increased beyond what was at first anticipated and provided for, and there does not in consequence appear to be any justification for a reduction in the scantlings of the topsides and bottom as now proposed by them. It is also thought that the longitudinal bunker bulkheads do not contribute longitudinal strength to such an extent as would warrant a reduction in scantlings upon their account. The Builders should be informed with reference to these longitudinal bulkheads that if it is the desire of the Owners that they should be made watertight they should at the same time be stiffened so as to make them as efficient to resist water pressure as the ordinary transverse watertight bulkheads.

With regard to the proposed spacing of web frames and the scantlings and spacing of beams, pillars, &c., the Builders should be reminded it has already been arranged with them that these questions cannot be decided until complete deck plans have been submitted shewing the proposed arrangement of openings therein.

The plans now forwarded are retained in this Office until the detailed deck plans have been received.

Recd 15. 7. 04  
Amd 16  
J.P.C. hwc

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J.P.L.  
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