

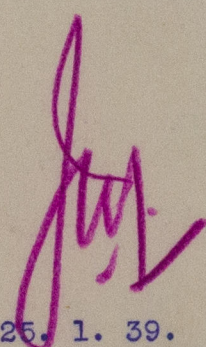
Messrs. Swan, Hunter & Wigham Richardson's Yard No. 1567.

Plan shewing proposed ending of Nos. 2, 3 and 4 stringers at collision bulkhead submitted, in triplicate, by the Builders direct.

It is submitted the Builders be informed that the arrangement proposed to them by the Owners' representative seems likely to emphasise any trouble which might arise in the vicinity of the collision bulkhead due to discontinuity. There is the presence of the collision bulkhead itself, and the rigidity of the side stringer will necessarily induce a concentration of stress at its termination near the bulkhead, and it is thought that the object of the superintendent, which obviously is to prevent the possibility of leakage at this point, will not be attained by the proposed arrangement.

The alternative courses of action are, firstly to continue the stringer to the bulkhead and attach it thereto by an angle connection, the bracket being omitted. This of course does not meet the point about discontinuity, although it is considered ^{will} be reduced by this arrangement; ~~the~~ attachment could be made by welding. The other alternative is to omit the stringer, and to increase the thickness of the shell plating.

Ltr. 23.1.
Ansd. 25.1.
2 plans 1 retained
P.C. Nwc.


25. 1. 39.



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