

COPY GLASGOW

C.S.S. DEPT.

3 Plans Enclosed.

30th November, 1942.

Dear Sirs,

Messrs. Lithgows Ltd., - 'Y' Type Vessels. - Plan of
Fabricated Sternframe & Rudder.

I return herewith the above plan, in triplicate, submitted with your letter of the 25th instant, and have to inform you that since the early plans of this type of Sternframe were approved, trouble has been experienced in similar posts in a number of 460' Tankers, fractures occurring immediately below the counter. These cases were the subject of special consideration by the Admiralty, M.S. Department, and Sir Amos Ayre considered that with this type of post the fore and after dimension should be increased to about 2 ft., carried up in its entirety into the hull structure and connected to two floors, the athwartship dimension being also increased to about 18". Using this as a basis and allowing for the reduction in size of vessel, the rudder post in the present case should have an athwartship dimension of about 16" instead of about 13" as proposed and should be redesigned at the counter and solepiece.

In these circumstances I shall be glad if you will kindly discuss this matter with the Builders with a view to incorporating as far as practicable, the above requirements or providing equivalent arrangements.

I am, Dear Sirs,
Yours faithfully,

The Surveyors,

GREENOCK.

Local Secretary.



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Foundation

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