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# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosure

3rd April, 1940.

Dear Sir,

I am in receipt of your letter of the 28th ultimo, forwarding a plan of an alternative type of Fabricated Sternframe for Messrs. Lithgows' "Y" type vessels, and have to inform you that while the scantlings and arrangements generally are such as could be recommended for approval, the following points will require to be further considered:-

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(1) The section of the after post in the region of the propeller should be modified. If possible the minimum fore and aft dimension of 10 $\frac{1}{2}$ " should be increased, and the increase from this breadth to the maximum of 2' should be made more gradually as indicated in yellow on the sketch. This is the more desirable in view of the arrangements proposed for maintaining the strength at this part by means of a strap, 2" in thickness. The welded attachments of this strap are not considered sufficient to develop this material effectively, and additional welding should be provided in the body of the strap.

(2) The connection of the after post to the counter is inadequate, and it is suggested that the after portion of this post should be extended continuously to the top of the transom and be efficiently attached thereto.

(3) Back welds should be provided at all welded connections. This applies particularly to the lower part of the propeller post where outside welds only are proposed, excepting at the coffin plate.

(4) The Surveyors will require to satisfy themselves that an adequate connection can be obtained between the plate forming the arch of the stern frame and that forming the upper part of the propeller post. This can only be determined from a model of this part.

These matters should be discussed with the Builders with a view to a modified plan being submitted.

Two copies of the plan are returned herewith, the remaining copy being retained for record.

I am, Dear Sir,  
Yours faithfully,

The Secretary,

GLASGOW.

Lloyd's Register  
Foundation

W1169 - 0167

Secretary