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DAVID ROWAN & CO., LTD.,

231, Elliot Street,

GLASGOW, C.3.

Friday, 16th February, 1940.

Lloyd's Register Of Shipping,  
95, Bothwell Street,  
GLASGOW, C.2.

Dear Sirs,

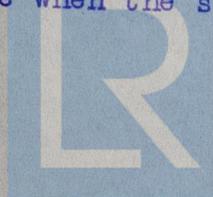
CONTRACT 1048 - S.S. No. 238.

Steam Pipe Arrangement:- With reference to your letter of 31st January, regarding Detailed Pipe Arrangements we submitted, as arranged with your Surveyor, we enclose print, in duplicate, O.T. 42327, sheet 13, of Diagrammatic Arrangement of Main and Auxiliary Steam Pipes, on which we have marked, in black, the modifications we propose to make to meet your suggestions regarding control of temperature of steam passing through the pipes and fittings for the engine room port side auxiliaries and the Winches.

The fittings are already made and in place, and the modifications we propose are as follows:-

- (1). The two valve chest M.129, which is for the purpose of mixing saturated steam with superheated steam when this is being produced takes saturated steam through one valve and superheated steam through the other valve, so that circulation of the superheater in port may be ensured, will be modified as shown on print O.T. 43056, which we also enclose in duplicate, from which you will see that the opening of the superheated valve will be prevented until saturated steam has been opened beyond a definite minimum amount and the amount of opening of the superheated steam valve will be limited and controlled by the opening of the saturated steam valve, by means of the overlapping disc handwheels shown. The saturated steam valve will be fitted so that it cannot be screwed down shut, but will have about  $\frac{1}{8}$ " of opening round its circumference when the superheated steam valve is closed.

(2)./



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- (2). The valves M.124, for saturated steam to superheated main steam lines, for tempering purposes, will each have an instruction plate fitted prominently at its control position, stating:-

"This valve to be kept closed when Main Engine is not in use".

- (3) With regard to the valves M.138 and M.138A, for saturated steam to Auxiliaries from the port and starboard Main Boilers respectively, an instruction plate will be fitted prominently at the two valve temperature control chest M.129 (already mentioned) stating:-

"When any boiler is in use, its auxiliary saturated steam stop valve is to be open".

We shall also fit an instruction plate prominently at each of the two auxiliary saturated steam valves, M.138 and M.138A (for port and starboard boilers, respectively) stating:-

"This valve is to be open when (port/starboard) boiler is in use."

We trust these provisions will meet your requirements.

Yours faithfully,

DAVID ROWAN & CO., LTD.,  
(Sgd.) Archd. N. Grierson.



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