

S.S. " G L O R I A " BILBAO No.5321.

In December last the Bilbao Surveyors submitted Plans of the Engines which it was proposed to fit in this Vessel, and the scantlings of the same were approved provided the Condenser shell plating was  $10\frac{1}{2}$  millimetres thick.

These Engines were originally constructed for an electric lighting installation at Barcelona.

The Bilbao Surveyors now forward a 1st Entry Report on the Engines and Boilers and point out that the shell plating of the Condenser is 9 m/m instead of  $10\frac{1}{2}$  m/m thick, and the Builders ask if this could be compensated for by fitting outside angle stiffeners.

It is submitted that provided the Condenser were tested by hydraulic pressure to 20 lbs per square inch and found to be tight and sound at that pressure it might be accepted in this instance, but if it fails to satisfactorily stand the test it will require to be fitted with 2 outside angle stiffeners spaced about 20 inches apart. To effect such a repair it would be necessary to remove one of the tube plates and all the tubes in order to rivet these angle stiffeners to the shell plating. "

*ARK*  
25.2.19.

*Lr: - 24/2/19*

*F.P.*

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