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and 3rd and 4th  
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Do. of Bridge Ho

S.S. "COVADONGA"

ASTILLEROS ARDANAZ S.S. No. 4.

On the 13th June, 1919, Plans of Shafting for the Engines of this Vessel were approved for a working pressure of 180 lbs per square inch provided the diameter of the crank shaft be increased to 102 m/m at the pins and journals and to 97 m/m in way of the loose coupling and the diameter of the thrust shaft in way of the collars to 102 m/m.

Recently Mr. Wells, one of the Society's Surveyors at Bilbao, called at this Office and stated that these Engines were already completed and fitted on board the Vessel and that he had submitted the matter on the 2nd July last for the Committee's consideration. This letter does not appear to have been received at this Office and Mr. Wells has furnished a copy of same from which it appears that the Boiler had not been built under this Society's supervision.

A letter has now been received from the Bilbao Surveyors in which it is stated that the Boiler has been constructed to the Plan approved 12.8.19 which was submitted by Corcho Hijos of Santandar and that with the exception of the thickness of the furnace plating, viz:- 15.5 instead of 16 m/m the recommendations have been complied with. It is further stated that the Boiler has been tested to 360 lbs and the safety valves adjusted to 170 lbs per square inch.

With the furnace plating 15.5 m/m thick the working pressure of the Boiler as per Rule would be 172 lbs per square inch and the sizes of the crank and thrust shafts as fitted would meet the requirements of the Rules for a working pressure of 175 lbs per square inch.

It is submitted that these Engines and Boilers might be approved for a working pressure of 175 lbs per square inch and a notation of LMC (with date) without the distinguishing \* be assigned.

Lr. 16th

*W. J. R. J.*

*[Signature]*  
16.9.19.



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