

"IRENE MARIA".

During the last five years the Boilers of this vessel have a history of cracked combustion chamber and furnace plating, the cracks being between the rivet holes.

The Boilers were built in 1922.

In 11,37 the combustion chamber plating of the starboard boiler was so extensively cracked that the Antwerp Surveyors recommended the Boiler to be put out of use until repairs were effected.

Extensive repairs were subsequently effected to both Boilers at Rotterdam.

A sample of cracked plating removed some years ago was investigated by Mr. Lewis, but he was unable to form a definite opinion of the cause of the defects from that sample.

A sample taken in 11,37, however, shewed that the defects which existed at that date were due to chemical embrittlement.

The original physical properties of the material were satisfactory.

It is submitted the Owners and the Surveyors at Antwerp and Rotterdam be informed accordingly.

*Amund*



*J.D.*  
11.3.38.

Lloyd's Register  
Foundation

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