

COPY

Cert.No. DoC 60/722

# LLOYD'S REGISTER OF SHIPPING

Port D o r t m u n d

30th April, 1960

Works No. 111503  
Order No. 214378  
S.S. "ISMIT"

This is to Certify that

Günther Nicolaus

undersigned Surveyor to this Society did at the request of

Messrs. Reparma H.G. Harms, Bremen attend the works of Messrs. Dortmund-Hörder Hüttenunion AG. Works Dortmund on the 31st March, and subsequently for the purpose of testing and inspecting the repair of

One L.P. crank throw belonging to the Main Engine of the previous mentioned Steamer.

The crank throw was removed from the vessel "ISMIT" and shipped to Messrs. Dortmund-Hörder Hüttenunion, Works Dortmund for repair owing to the crank pin being slack.

In order to carry out the repairs satisfactorily one new crank web was supplied. Physical tests were carried out with the following satisfactory results.

Sample No.	Charge	Diam. of sample/mm	Yield point kg/mm <sup>2</sup>	U.T.S. kg/mm <sup>2</sup>	Elong.% on 75mm	Red. of Area %
17	8637	20.0	29.6	48.7	37.3	57.8

and test 180 degr. without fracture.

The respective flange journal and crank pin were shrunk together with the web in accordance with the Rules of this Society. The diameters of the journals and pin have been reduced from 300 to 298 mm. All stages during repairing were carefully supervised by the undersigned. Magnetic crack examination was carried out by the repair shop and it is stated no cracks were to be found.

In my opinion the crank throw is suitable to be reinstalled on board.

For identification purposes the crank throw is stamped as follows:

Lloyd's Dtm  
207  
11. 4. 60 GN.



*G. Nicolaus*

Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—  
While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly performed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any publication of the Society, or for any error of judgment, default or negligence of any of its Surveyors or any Member thereof, or the Surveyors, or other Officers or Agents of the Society.

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