

Lloyd's Register of Shipping,

united with THE BRITISH CORPORATION REGISTER.

BELONGS TO
ROTTERDAM REPORT NO.

54156

Port of Rotterdam

22nd June, 1962

This is to Certify that

J. van Son,

the undersigned Surveyor to this Society did at the request of Messrs. De Rotterdamsche Droogdok Maatschappij N.V. of Rotterdam attend their Works on the 2nd May, 1962 and subsequent dates for the purpose of examining the repairs to the Main Engine all built 3-throw crankshaft in two sections of the s.s. "NAGUSENA".

The dowel pin holes in the existing crankwebs have been welded up with suitable electrodes, the webs examined by magnetic crack detection throughout, heat treated and the pin and journal holes machined.

The crankshaft has been re-built with new pins and journals. The disposition and Test Piece No.'s of these forgings are as counted from forward:

Journal.....No.1	-	Test Piece No.833
Journal.....No.2	-	" " No.833
Flanged journal..No.3	-	" " No.827-828
Flanged journal..No.4	-	" " No.827-828
Flanged journal..No.5	-	" " No.827-828
Crankpin No.1 - H.P. cyl.	-	" " No.833
Crankpin No.2 - L.P. cyl.	-	" " No.833
Crankpin No.3 - I.P. cyl.	-	" " No.827-828
Coupling bolts.....	-	" " No.871

The test results of the above test pieces are stated in attached report 6.

For identification purposes the crankshaft has been stamped:

ONE THROW SECTION - I.P. CYL. TWO THROW SECTION-H.P. & L.P. CYL.

LLOYD's ROT. No.87

LLOYD's ROT. No.88

J.v.S 1-6-'62

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The identification marks on the crankwebs were not legible.

Surveyor to Lloyd's Register.

This 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 executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."