

LLOYD'S REGISTER OF SHIPPING



Retain with Hamburg
Machinery First Entry

Cert. Kln.C. 63/176

Report No. 13424
S/MS INTA MEGHNA

Port of Köln, Heumarkt 54

Kremer Sohn
Yard No. 1102

25th March, 1963

B.N. 1.8833.0.3906
L.R. 940b

This is to Certify that

Klaus Böttcher and Heinrich Dröge

the undersigned Surveyor to this Society did at the request of
Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz
attend at their works for the purpose of examining and testing
one Heavy Oil Engine, as described below, made to the order
of Messrs. D.W. Kremer Sohn, Elmshorn and intended for Yard
No. 1101.

Particulars of the engine are as follows:-

Engine Number.....3454855-57.....
TypeA3M.514.....
Number of Cylinders3.....
Diameter of Cylinders...110.mm.....
Stroke140.mm.....
Maximum Pressure.....70.kg/cm².....
Mean Indicated Pressure..7.40.kg/cm².....
Brake Horse Power41.....
Revolutions per Minute ..1500.....
Span of Bearings.....114.mm.....
Diameter of Journals75.mm.....
Diameter of Crankpins.....75.mm.....
Breadth of Webs116.mm.....
Thickness of Webs27.mm.....
Crankcase Volume.....58.ltrs.....
No. & Total Area of Crankcase
Relief Valves if Fitted

This engine has been built under Special Survey, in
accordance with the Approved Plans and Rules of the Society,
materials and workmanship being good.

On completion, the above machinery was tried in the
shops under working conditions with satisfactory results.

Particulars of identification marks:

engine: LLOYD'S KLN.
20.3.63 K.B.

crankshaft: LLOYD'S KLN
993/6
H.L. 28.6.61

For H. Dröge and self:

K. Böttcher
K. Böttcher

Engineer Surveyor to Lloyd's Register of Shipping

Fee:-

Expenses:-

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."