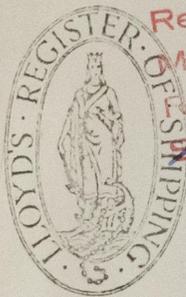


MAR

LLOYD'S REGISTER OF SHIPPING



Retain with Hamburg
Machinery First Entry
Report No. 13424

Cert. Kln.C. 63/176

S/MS WITA MEGHNA
Kremer Sohn
Yard No. 1102

Port of Köln, Heumarkt 54

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.....	port
Type	A3M.514.....	
Number of Cylinders	3.....	
Diameter of Cylinders	110 mm.....	
Stroke	140 mm.....	
Maximum Pressure.....	70 kg/cm ²	
Mean Indicated Pressure.....	7.40 kg/cm ²	
Brake Horse Power	41.....	
Revolutions per Minute	1500.....	
Span of Bearings.....	114 mm.....	
Diameter of Journals	75 mm.....	
Diameter of Crankpins.....	75 mm.....	
Breadth of Webs	116 mm.....	
Thickness of Webs	27 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

Engine 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."

