

MA28

LLOYD'S REGISTER OF SHIPPING

Cert. Kln.C. 63/575



Retain with Hamburg

Port of Köln, Heumarkt 54

Ship First Entry

Report No. 13425

11th July, 1963

SS/MS INTA YAMUNA

Kremer Sohn, G. No. 1103

B.N. 1.8833.0.3909

L.R. 950a

This is to Certify that

Heinrich Dröge and Klaus Weltken

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. Weserwerft, Minden.

Particulars of the engine are as follows:-

Engine Number.....	3454888-90
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
H.D. 3.7.63

crankshaft: LLOYD'S KLN
187/1
K.B. 7.3.63



Lloyd's Register
Foundation

H. Dröge

Engineer Surveyor to Lloyd's Register of Shipping

Expenses:-

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."

Cert. B. 89-462 (MADE AND PRINTED IN ENGLAND.)

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