

MASS

LLOYD'S REGISTER OF SHIPPING

Cert. Kln.C. 63/ 5 7 3



Retain with Hamburg
Machine First Entry
Report No. 13424
SS/MS INTA MEGHNA

of Köln, Heumarkt 54

11th July, 1963

B.N. 1.8833.0.3910
L.R. 950b

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.....	3454891-93
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. 28.6.63

crankshaft: LLOYD'S KLN
187/6
K.B. 7.3.63



Lloyd's Register
Foundation

H. Dröge

Engineer Surveyor to Lloyd's Register of Shipping

Expenses:--

01544-01554-0018