

# COPY

## LLOYD'S REGISTER OF SHIPPING



No. 0-88225

Port KOBE

KOBE Rpt. No.                     

Survey Fee : ¥40,500.-

Expenses : 2,800.-

15th April, 1963.

Total ¥43,300.-

Applied for APR 19 1963

Rendered to                     

This is to Certify that

K. Yamazaki

the undersigned Surveyor to this Society did at the request of  
Messrs. Yanmar Diesel Engine Co., Ltd., Kanzaki Works, Amagasaki  
on the 28th January, 1963 and subsequently  
attend at their works for the purpose of examining and testing  
Two (2) Aux. Oil Engines, designated driving 70 KVA Generators intended for  
Ship No.832 being built by Uraga Heavy Ind. Ltd., Uraga Shipbuilding Yard, Yokosuka.

Particulars of <sup>each</sup> ~~the~~ engine are as follows:-

Engine Number	3F3241CY & 3F3242CY
Type	Yanmar 3MSSL
Number of Cylinders	3
Diameter of Cylinders	200 mm
Stroke	250 mm
Maximum Pressure	60 kg/cm <sup>2</sup>
Mean Indicated Pressure	5.59 kg/cm <sup>2</sup>
Brake Horse Power	90 PS
Revolutions per Minute	750 r.p.m.
Span of Bearings	24.9 mm
Diameter of Journals	140 mm
Diameter of Crankpins	125 mm
Breadth of Webs	190 mm
Thickness of Webs	62 mm
No. of total area of crankcase explosion relief:	3 x 4cm <sup>2</sup> (3x0.0527 ft <sup>2</sup> )

Each ~~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, and opened up <sup>each</sup> after trials and found to be in good order.

For purposes of identification ~~the~~ the cylinder block and crankshaft were stamped thus:-

Crankshaft

CH No. Y.6650  
LLOYD'S YKA  
No. YL9922-1 & 2  
FI KY 18-2-63 LR

LLOYD'S TEST KOB  
WTP 4, 6.7 & 93 kg  
KY 18-2-63 LR  
SH 23-2-63 LR

LLOYD'S TEST  
No. SHOP TRIAL  
KY LR  
10-4-63

K. Yamazaki  
Engineer Surveyor to  
Lloyd's Register of Shipping

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."

(Rpt. 10/4c) 4,61 KOB

YOKOHAMA

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