

COPY

Kobe Rpt. 9

No. 11389

## LLOYD'S REGISTER OF SHIPPING



BL-87259

Port

KOBE

21st February, 1963.

This is to Certify that I have surveyed part of the machinery of the m.v "OTOWASAN MARU" 12687 Gross tons of Tokyo for ~~xxx~~ CSM, ABS, TS(CL), Docking and Electrical Repairs as she lay in Mitsui Zosen No.2 Drydock, Tamano on the 13th February, 1963 and subsequently afloat

and that all my recommendations have been carried out to my satisfaction. I am reporting accordingly and recommending to the Committee of Lloyd's Register of Shipping that the machinery classification should be retained and the following survey records assigned CSM (with date) on completion, ABS 2,63 & TS (CL) 2,63 now.

Parts now examined:— (CSM items only)

**Main Engine:**

- Nos. 4 & 7 cylinders, covers, pistons & rods, valves & gears.
- Nos. 4 & 7 connecting rods, top ends & guides.
- Nos. 1 & 3 crankpins & bearings.
- No.6 journals & bearings.
- Main engine driven S.W. & Bilge pumps (Nos. 3 & 4 from forward).

**Auxiliaries:**

- Auxiliary condenser.
- S.W. cooling pump (starb'd aft).
- Auxiliary S.W. pump (port aft).
- Bilge pump (in after pump room).
- Fuel valve oil cooler (tested).
- Auxiliary air receiver (E.R. port forward).
- Emergency air receiver (in steering flat).
- No.1 air compressor & coolers tested (starb'd forward).
- Emergency air compressor (in steering flat).
- Steam engine for No.1 (starb'd forward) air compressor.
- No. 2 Fuel valve cooling pump.

Surveyor to Lloyd's Register of Shipping

P. Mason

KEY TO ABBREVIATIONS

ABS	Auxiliary Boiler Survey	MBS	Main Boiler Survey	TS	Tailshaft Survey
CSM	Continuous Survey of Machinery	OF	Fitted for oil fuel (date) FP above 150°F.	TS(CL)	Tailshaft Survey—Continuous Liner
DBS	Donkey Boiler Survey	SGS	Steam Generator Survey	TSN	Tailshaft renewed
ES	Engine Special Survey	SPS	Steampipe Survey	TS(OG)	Tailshaft Survey—Oil Gland

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PM:ht

FOR LONDON