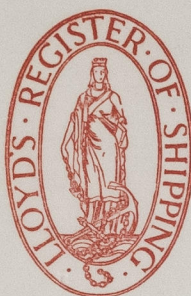


COPY Kobe Rpt. 9 No. 11633

LLOYD'S REGISTER OF SHIPPING



BL-89455

Port KOBE

7th June, 1963.

This is to Certify that I ~~have~~^{we} surveyed part of the machinery of the **m.v. "KOCHU MARU"** **9197** Gross tons of Kobe for **Alteration, Completion of Continuous Survey of Machinery, Tailshaft Survey and Donkey Boiler Survey** as she lay afloat and in dry dock at Osaka on the 24th May, 1963 and subsequently

and that all my ~~our~~^{our} recommendations have been carried out to my ~~satisfaction~~^{our}. I ~~am~~^{we} 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 6,63, DBS 5,63 and TS (CL) 5,63.**

Parts now examined:-

Propeller, all sea connections, all outside fastenings.
Tailshaft (continuous liner).
Cochran Boiler and exhaust gas heated boiler in their entirety.

Main Engine:

No.4 cylinder, cover, piston, rod, valves & gears, connection rod, top end, guide, crankpin & bearing.
Nos. 3 & 7 journals & bearings.
Independent aux. blower.
Both (F & A) superchargers and their air coolers.
Nos. 3,4 & 7 intermediate shafts & bearings (Nos. 5,6,7,8,13 & 14 bearings and journals).
Manoeuvring system.
Holding down bolts & chocks.
All O.F. injection pumps, O.F. supply pump.
Crankcase doors and explosion relief devices.
Main engine tested.

Pumps:

Inboard jacket cooling F.W. pump (starb'd), Inboard Piston cooling F.W. pump (starb'd), Inboard S.W. cooling pump (starb'd), Fire & G.S. pump (port), Bilge & ballast pump (port), Bilge pump (port), Aft lub. oil pump (port), Inboard feed water pump (starb'd), Lub. oil transfer pump (starb'd).

P.T.O.

Auxiliary Boiler Survey
Continuous Survey of Machinery
Donkey Boiler Survey
Engine Special Survey

MBS Main Boiler Survey
OF Fitted for oil fuel (date) EP above 150°F
SGS Steam Generator Survey
SPS Steampipe Survey

KEY TO ABBREVIATIONS

G.M. Kersey, J. Nonomura & S. Hashiguchi
TS Tailshaft Survey
TS (CL) Tailshaft Survey—Continuous Liner
TSN Tailshaft renewed
TS (OG) Tailshaft Survey—Oil Gland

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."

(Cert. B.1.) 5,63 KOB

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