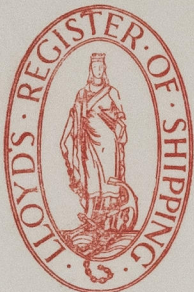


Kobe Rpt.

No.

13259

LLOYD'S REGISTER OF SHIPPING



EL-106282

Port

Kobe

24th August, 1964.

This is to Certify that ^{we} ~~we~~ have surveyed part of the machinery of the m.s. "NAGAOSAN MARU" 6555 Gross tons of Tokyo for Completion of CSM, SPS & ABS whilst she lay in dry dock at Tamano on the 17th August, 1964 and subsequently

and that all ^{our} ~~my~~ recommendations have been carried out to ^{our} ~~my~~ satisfaction. ^{We} ~~are~~ ~~are~~ 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 8,64, SPS 8,64 and ABS 8,64 now.

Parts now examined:—

For CSM: Propeller, sea connections & fastenings.
Main engine No.1 connecting rod, top end & guide, No.2 cylinder, cover, piston & rod, valve & gears, No.2 crankpin & bearing, Nos. 2 & 6 journals & bearings. Thrust block, shaft & bearings.
No.4 intermediate shaft & Nos. 6 & 7 bearings.
Aux. condenser.
Holding down bolts & chocks.
Main engine driven oil fuel primary pump & injection pumps.
Crankcase doors & explosion relief devices.
Main engine tested working and manoeuvring.
Bilge pump (p.aft), Ballast pump (s.aft), G.S. pump (s.aft), Fuel transfer pump (s.fwd centre), Fuel valve cooling pump (s.f.), Boiler oil burning pump (fwd), Main S.W. & F.W. cooling pump (scentre), L.O. pump (s. after), Auxiliary S.W. cooling pump (p.after), Auxiliary F.W. cooling pump (p.aft).
Pumping arrangements.
Starb'd inboard fresh water cooler.
All heaters for main engine, boiler and purifiers.
Starting air pipes.
Main air receivers and safety devices (p.aft No.2).
Hand aux. air compressor.
Independent oil fuel tanks(not part of structure).

Surveyor to Lloyd's Register of Shipping

P.T.O.

L.O. Christensen & M. Kitan

KEY TO ABBREVIATIONS

ABS Auxiliary Boiler Survey
CSM Continuous Survey of Machinery
DBS Donkey Boiler Survey
ES Engine Special Survey

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

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. 4,64 KOB

FOR LONDON

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Fire extinguishing arrangements.
Steering machinery.
Windlass.

Port forward inboard auxiliary generator engine.
Both boiler water circulating pumps (Nos. 1 & 2 port side).
Auxiliary Electrical Equipment.

Main steam pipe for auxiliary boiler.
Auxiliary boiler and exhaust gas heated economiser.