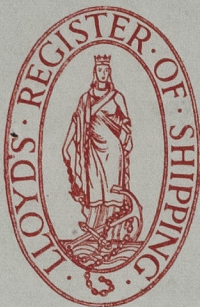


COPY
LLOYD'S REGISTER OF SHIPPING

5084



Port HAKONESAN MARU
Tokohama

19th January, 1964

SPORT No. 20-1-64

This is to Certify that I have surveyed part of the machinery
of the **M.S. "HAKONESAN MARU"** 6927 Gross tons of Tokyo
for CSM, ABS and Docking whilst lay afloat and in drydock at Ichihara,
Chiba on the 13th January 1964 and subsequently,

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 and ABS 1/64 on completion,
subject to any outstanding conditions of class being dealt with as previously
recommended.

Parts now examined:—

For Docking

Propeller, after end of stern bushes and fastenings.

For CSM

M.E. :

Nos.1,2,3 & 4 cylinders, covers, pistons & rods and valves & gears.
Nos.2 & 4 connecting rods, top ends & guides.
Nos.6 & 8 crankpins & bearings.
Nos.2 & 8 main bearings to journals.
Forward turbo charger.
No.2 intermediate shaft & bearings.

Auxiliaries :

Forward inboard diesel generator engine, complete.
Outboard feed pump.
Inboard air compressor, complete.
Inboard main air receiver.
Outboard main lub. oil pump.
Main jacket cooling F.W. cooling pump.

P.T.O.

B. TERASHIMA
Surveyor to Lloyd's Register of Shipping

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

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."

LLOYD'S REGISTER OF SHIPPING

For ABS

Aux. boiler examined in its entirety and the safety valves of aux. boiler adjusted under steam.

Exhaust gas heated economiser examined in its entirety.

Two forced circulating pumps examined.

Oil burning system & remote controls examined as per Rules.

To Complete ABS

The safety valve of exhaust gas heated economiser to be adjusted under steam.



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