

COPY

LLOYD'S REGISTER OF SHIPPING



No. C-17844

Port..... Shimonoseki

Date..... 20th September, 1967.

This is to Certify *that I have surveyed part of the machinery*

of the **m.s. "AWATA HARU" 7601 gross tons of Tokyo**

for **Advancement of CSM, ABS, TS(CL)(S) and Dry Docking Survey whilst the ship lay afloat and dry dock at Shimonoseki on the 9th September, 1967 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, ABS 9/67, TS(CL)(S) 9/67. Subject to any outstanding condition of class being dealt with as previously recommended.**

Parts now examined:— Both propellers; aft end of stern bushes; outside fastenings & gratings.

For Adv. of CSM:

Main Engine:

Port: No. 1 cylinder, cover, piston, leg, valves & gears, connecting rod, crosshead, bearings & guides. Nos. 4 & 6 crankshaft journals & bearings.

Starb'd: No. 1 cylinder, cover, piston, leg, valves & gears, connecting rod, crosshead, bearings & guides, crankpin & bearing.

- P.T.O. -

Y. Takesue
Y. Takesue

Surveyor to Lloyd's Register of Shipping

KEY TO ABBREVIATIONS

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

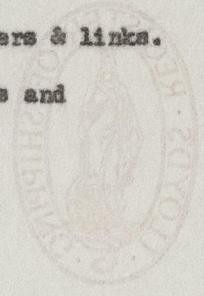
MBS Main Boiler Survey
OF Fitted for oil fuel (date) FP above 150° F.
SGS Steam Generator Survey
SPS Steampipe Survey

TS Tailshaft Survey
TS(CL) Tailshaft Survey—Continuous Liner
TSN Tailshaft renewed
TS(OG) Tailshaft Survey—Oil Gland

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No. 1 (p & s) main engine driven scavenge pumps, cylinders, covers, pistons & rods, lvers & links.

Nos. 3 & 4 (p & s) intermediate shafts and bearings and starboard tail shaft bearing.

Auxiliaries:

- Forward feed water pumps.
- After valve cooling F.W. pump for M.E.
- General service pump.
- After main lub. oil cooler.
- Starboard main air compressor, cooler & safety devices.
- Hand (emergency) air compressor.
- Starboard steering machinery.
- Machinery spare gear.

Starb'd aux. oil engine in its entirety.
Main engines examined under working & manoeuvring conditions.

For Aux. Boiler Survey:

- (OP & EG) aux. boiler examined throughout.
- The safety valves on aux. boiler adjusted under steam.
- Oil burning system and remote controls examined in accordance with Rules.

Electrical Equipment : All items examined.



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Foundation