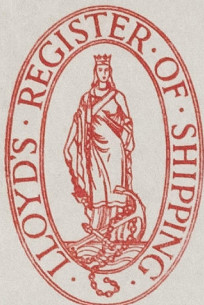


LLOYD'S REGISTER OF SHIPPING



Port.....LIVERPOOL.....

Date.....23rd March, 1965.....

This is to Certify *that I have surveyed part of the machinery of the s.s. "W. D. ATLAS" 749 gross tons of Liverpool (Ex "MERSEY ENGINEER") for Docking, Engine Survey and Port and Starboard Tail Shafts, whilst the vessel lay in drydock at Birkenhead and afloat at Bromborough on the 15th September, 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* E.S. 3,65 and T.S.O.G. (P. & S.) 10,64.

Parts now examined:—

Port and Starboard Propellers and oil glands,
underwater fastenings and sea valves.
Port and Starboard Tailshafts.

Main Engines.

Port and Starboard Main Engines in their entirety.
Port and Starboard Main Thrust Blocks, shafts and bearings.
Port and Starboard Intermediate shafts and bearings.
Port and Starboard Stop and Manoeuvring Valves.
Port and Starboard Main Engine Holding Down Bolts and chocks.
Port and Starboard Reversing Engines.
Main Condenser.
Port and Starboard Main Engines under working conditions.

P.T.O.

Surveyor to Lloyd's Register of Shipping

A. Jackson.

KEY TO ABBREVIATIONS

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

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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 of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents



Auxiliaries.

Independent Air Pump.
Starboard Aft Bilge Pump.
Inboard and Outboard Feed Pumps.
Main Circulating Pump.
Forward and Aft Oil fuel pumps.
Forward and Aft General Service Pumps.
Auxiliary Feed Pump.
Pumping Arrangements.
Upper and lower oil fuel heaters.
Feed Heater.
Feed Water filter.
Forward and Aft Auxiliary Air Receivers.
Forward and Aft Air Compressors.
Fire Extinguishing Arrangements.
Steering Machinery.
Windlass.
Inboard and Outboard Steam Dynamo engines.
Diesel driven generator engine.
Electrical Installation.



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Foundation