

17 MAY 1965

Ship's Name SS/MS "W.D. ATLAS" ex "MERSEY ENGINEER"

Gross tons 749 Port of Registry LIVERPOOL Port Lisbon

Date of build 8-1949 Is there a rpt. 8? Yes Rpt. No. 11035

No. of visits 5 First date 5-4-65 Last date 13-4-65  
Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? Yes Last rpt. (H.Q. only)

Date of completing rpt. 6th May, 1965 Surveyed at, if different from Port above

Is a rpt. 9B attached? No MN (185) Nature of survey Damage Repairs.

Survey fees Esc:- 2.500\$00 Damage fee Esc: 2.500\$00 Expenses Esc:- 300\$00

13/5/65

S.A. fee ✓

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## MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

1 Cyls., covers, pistons &amp; rods

2 Valves &amp; gears

3 Con. rods, cross-heads, bearings &amp; guides centre

Side

4 Crankpins &amp; bearings centre

Side

5 Journals &amp; bearings

## MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6 Cyls., covers, pistons &amp; rods

7 Con. rods, cross-heads &amp; bearings

8 Crankpins &amp; bearings

9 Journals &amp; bearings

10 Coolers &amp; safety devices

## MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11 Cyls., covers, pistons &amp; rods

12 Con. rods, cross-heads &amp; bearings

13 Crankpins &amp; bearings

14 Journals &amp; bearings

## MAIN TURBINES (State Port—P or Starboard—S)

16 Casings, rotors, blading, bearings, &amp; thrusts

15 Levers

17 Reduction gearing

18 Scavenge blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~with~~ without fresh record of survey.

ALSO FOR

SPL FOR

FOR C. E. S. RECORDS  
SPL TO NOTE

POSTING

HEADER

CERT

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

Minute

E. Hardcastle  
Surveyor to Lloyd's Register of Shipping

FRIDAY - 4 JUN 1965

See ADH 3985

Lloyd's Register  
Foundation

005293-005300-0182

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where repairs have been effected or it is



20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	
22 Steam compressors	23 Intermediate shafts & bearings	
24 Clutches & hydraulic couplings	25 Condensers (main & aux.)	
26 Steam re-heaters	27 Air ejectors (main & aux.)	
28 De-superheaters	29 Forced &/or induced draught fans	
30 Stop & manoeuvring valves	31 Holding down bolts & chocks	32 Detuner or vibration damper
33 Main engine driven pumps		

State  
Port P. or  
Starboard S.

34 Crankcase doors & explosion relief devices	35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)
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36 Essential independent pumps

37 Bilge, ballast & oil fuel suction lines, fittings & controls	38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
39 Fresh water coolers	40 Lub. oil coolers
41 Heaters (state service)	42 Feed water filters
43 Auxiliary air receivers & safety devices	44 Starting air pipes
45 Main air receivers & safety devices	
46 Independent air compressors coolers & safety devices	
47 Oil fuel tanks (not forming part of the hull structure)	
48 Have all evaporators safety valves been tested under steam?	49 Evaporators HP & LP
51 Fire extinguishing arrangements	52 Steering machinery
	50 Distillers
	53 Windlass

Identify  
by  
position

## AUXILIARY ENGINES

## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Damage - Stated to have been caused by heavy weather experienced on the voyage, England to Australia, necessitating eventually a request for assistance.

Assistance rendered by the tug "HERMES" at 21.00 hours on the 3rd of April 1965, whilst in a position 38° 15' north 09° 40' west which towed the vessel to Lishon and arriving 4th April 1965.

### FOUND (Item 1)

Starboard main engine dredge pinion withdrawing mechanism fractured allowing pinion to move forward on crank shaft extension and commence

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.