

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

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 ✓

Bl

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

- 1 Cyls., covers, pistons & rods
- 2 Valves & gears
- 3 Con. rods, cross-heads, bearings & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

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

- 6 Cyls., covers, pistons & rods
- 7 Con. rods, cross-heads & bearings
- 8 Crankpins & bearings
- 9 Journals & bearings
- 10 Coolers & safety devices

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

- 11 Cyls., covers, pistons & rods
- 12 Con. rods, cross-heads & bearings
- 13 Crankpins & bearings
- 14 Journals & bearings

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

- 15 Casings, rotors, blading, bearings, & thrusts
- 16 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

TR FOR O. E. B. 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.)

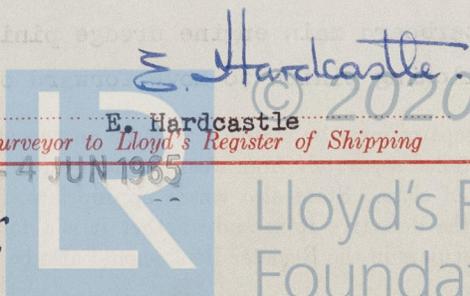
E. Hardcastle
 Surveyor to Lloyd's Register of Shipping

Date of Committee

FRIDAY - 4 JUN 1965

Minute

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

State
Port P. or
Starboard S.

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	50 Distillers
51 Fire extinguishing arrangements	52 Steering machinery	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.