

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

Received London

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

22 APR 1965

Ship's Name ~~SS~~/MS "STIRLINGSHIRE"
 LR. 534109 Port of Registry Cape Town. Port HULL.
 Gross tons 6987
 Date of build 1945.2. Is there a rpt. 8? No. Rpt. No. 70489.
 No. of visits 2. First date 6/4/65. Last date 7/4/65.
 Interim Cert. issued & copy herewith? Yes. Damage rpt. issued & copy herewith? No. Last rpt. (H.Q. only) Hull 70460
 Date of completing rpt. 15/4/65. Surveyed at, if different from Port above
 Is a rpt. 9B attached? No. MN 666 Nature of survey CSM & Rpr
 Survey fees CSM. £8. Damage fee Expenses 7s. 6d.
 S.A. fee

29 APR 1965

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 Good.

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) upon completion, subject to any conditions which may be attached to the ships class remaining as previously recommended.

HULL 174

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|------------------------|
| ALSO FOR |
| SPL FOR |
| NOTED BY TRO CESR Mfr. |
| SRL |
| 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.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

WEDNESDAY 12 MAY 1965

Minute

As now subject

ABS 1. 65

FOR CHAIRMAN CLASS. CITE

Note ~~X~~ ABS date. Note ~~X~~ hon (send int cut) 004887-004892-0190

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 subject 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 should 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

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|----|---|----|----------------------------------|----|-----------------------------|
| 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) Yes.

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

AUXILIARY ENGINES

Identify by position

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Attended on board at Owners request owing to the Main machinery failure and vessel returning to Hull for Repairs.

NOW DONE:- The turbo supercharger blower was dismantled and the blower impeller found fractured. A new rotor complete with impeller has now been fitted and new bearings also fitted. The rotor was stamped - Lloyd's T.D. 30/1/58. Belfast O/No.320/1854.

The engine was run on test for 1 hour after completion of repairs and considered in good order.

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.