

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

Received London

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

4. APR. 1966

Ship's Name **MS MONSUN** (LR 521659)

Gross tons **10,729** Port of Registry **Helsingfors** Port **New York**

Date of build **6-53** Is there a rpt. 8? **Yes** Rpt. No. **64750**

No. of visits **Two** First date **February 15.** Last date **February 21-1966**

Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **No** Last rpt. (H.Q. only)

Date of completing rpt. **February 28** Surveyed at, if different from Port above **—**

Is a rpt. 9B attached? **No** MN **1300** Nature of survey **CSM, SRL, Damage**

Survey fees **65<sup>00</sup>** Damage fee **8** Expenses **—**

S.A. fee

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

- 1 Cyls., covers, pistons & rods **Nos 4 and 9 - Good**
- 2 Valves & gears **Nos 4 and 9 - Good**
- 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
- 15 Levers

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

- 16 Casings, rotors, blading, bearings & thrusts
- 17 Reduction gearing
- 18 Scavenge blowers
- 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM with date when the survey has been completed subject to any outstanding condition of class being dealt with as previously recommended and subject to the main engine A-frame repairs in way of the chain drive, port side, being re-examined by March 1967.

ALSO FOR  
 NOTED BY  
 SR FOR  
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 NOTED BY  
 CSM  
 SRL  
 POSTING  
 HEADER  
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 CERT

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

**J.A. Graham**  
 Surveyor to Lloyd's Register of Shipping

Date of Committee **NEW YORK MAR 30 1966**

Minute **As how. Subject**

Lloyd's Register  
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013284-013292-0240

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 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

- |   |  |                                |
|---|--|--------------------------------|
| 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                   | <i>No 4 and 9 cylinder fuel pumps - Good</i>   |                                |
| 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 *Main Engine No 4 and 9 cylinders - Good*

45 Main air receivers & safety devices

46 Independent air compressors coolers & safety devices

Identify  
by  
position

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

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

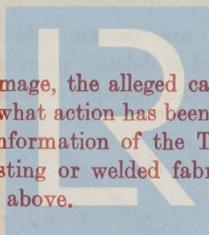
S.R.L. No 248.

Main Engine "A" frame repairs in way of chain drive now examined and found satisfactory for the present time. It is recommended that this item be retained in the SRL to be re-examined by March 1967.

Nothing was done at this time regarding other SRL items.

DAMAGE stated caused by Heavy Weather during the period January 26<sup>th</sup> to 29<sup>th</sup> 1966 - see Report 8. Pipelines on deck repaired or renewed as required. Electric cables and fittings on deck now megger-tested and found satisfactory.

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.



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