

## 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 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 |                               | 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.

(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

NEW YORK

MAR 30 1966

Minute

As how. Subject

Surveyor to Lloyd's Register of Shipping

ALSO FOR

NOTED BY

SPL FOR

TRO

NOTED BY

CSM

SRL

POSTING

HEADER

CERT

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 noted. 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

Exhaust steam  
turbines (with  
recip. eng.)

20

Thrust blocks  
shafts & bearings

21

Steam  
compressors

22

Intermediate  
shafts & bearings

23

Clutches & hyd-  
raulic couplings

24

Condensers  
(main & aux.)

25

Steam  
re-heaters

26

Air ejectors  
(main & aux.)

27

De-super-  
heaters

28

Forced &/or induced  
draught fans

29

Stop & manoeuv-  
ring valves

30

Holding down  
bolts & chocks

31

Detuner or  
vibration damper

32

Main engine  
driven pumps

33

No 4 and 9 cylinder fuel pumps - Good

State  
Port P. or  
Starboard S.

Crankcase doors &  
explosion relief devices

34

35 Have main engines been tested  
working & manoeuvring? (To be done  
on completion of ES or CS cycle)

Essential independent pumps

36

Bilge, ballast & oil fuel  
suction lines, fittings & controls

37

38 Have the remaining piping arrangements  
& fittings in the machinery space been  
examined as considered necessary?

Fresh water coolers

39

40 Lub. oil coolers

Heaters (state service)

41

42 Feed water filters

Auxiliary air receivers  
& safety devices

43

44 Starting air pipes

Main air receivers  
& safety devices

45

Main Engine  
No 4 and 9 cylinders -  
Good

Identify  
by  
position

Independent air compressors  
coolers & safety devices

46

Oil fuel tanks (not forming  
part of the hull structure)

47

Have all evaporators safety  
valves been tested under steam?

48

Evaporators  
49 HP & LP

50 Distillers

Fire extinguishing arrangements

51

Steering  
52 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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