

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

Received 18.10.66

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

Ship's Name **SS/MS** "MONSUN" ex "MADELEINE"
 Gross tons 10729 Port of Registry Helsingfors Port Hamburg
 Date of build 6/53 Is there a rpt. 8? yes Rpt. No. 15870
 No. of visits 7 First date 6-6-66 Last date 21-6-66
 Interim Cert. issued & copy herewith? yes Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)
 Date of completing rpt. 22-6-66 Surveyed at, if different from Port above
 Is a rpt. 9B attached? yes MN 1300 Nature of survey CSM, Cond. of Class, Repairs

Survey fees	Damage fee	Expenses
CSM : £ 9-10-0		£ 5-5-0
Condition of Cl.: £ 19-10-0		
ABS : £ 23- 0-0		
Sea Connections: £ 10-10-0		S.A. fee
Repairs : £ 19-10-0	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
- 4 Crankpins & bearings centre
- 5 Journals & bearings

Side
Side

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

- 6 Cyls., covers, pistons & rods
- 8 Crankpins & bearings
- 10 Coolers & safety devices

- 7 Con. rods, cross-heads & bearings
- 9 Journals & bearings

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

- 11 Cyls., covers, pistons & rods
- 13 Crankpins & bearings

- 12 Con. rods, cross-heads & bearings
- 14 Journals & bearings

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

- 16 Casings, rotors, blading, bearings & 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 CSM (with date) and ABS 6/66 when the surveys have been completed subject to Stbd. OF aux.-boiler plain tubes to be dealt with as necessary and boiler not to be used meantime and to welding at Main Engine 'A' frame's stiffening plates between units No. 4 fwd., No. 5 fwd., No. 6 fwd., No. 7 fwd., No. 8 and 9 fwd. and aft to be re-examined by 12/66 (6 months) and to all other outstanding conditions at present attached to the vessel's class being dealt with as previously recommended.

(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

FRIDAY 9 SEP 1966

Minute

Surveyor to Lloyd's Register of Shipping

See Cert 31427

Lloyd's Register Foundation

ALSO FOR

SPL FOR

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SRL

POSTING

HEADER

CERT

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

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21
Steam compressors	22	Intermediate shafts & bearings	23
Clutches & hydraulic couplings	24	Condensers (main & aux.)	25
Steam re-heaters	26	Air ejectors (main & aux.)	27
De-superheaters	28	Forced &/or induced draught fans	29
Stop & manoeuvring valves	30	Holding down bolts & chocks	31
Main engine driven pumps	33	Detuner or vibration damper	32
Crankcase doors & explosion relief devices	34	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	35

State Port P. or Starboard S.

Essential independent pumps	36	Pt. inbd. and outbd. combined salt-water and fresh-water cooling pumps	- good.
Bilge, ballast & oil fuel suction lines, fittings & controls	37	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	38
Fresh water coolers	39	Lub. oil coolers	40
Heaters (state service)	41	Feed water filters	42
Auxiliary air receivers & safety devices	43	Starting air pipes	44
Main air receivers & safety devices	45		
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 HP & LP	49
Fire extinguishing arrangements	51	Steering machinery	52
		Distillers	50
		Windlass	53

Identify by position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Condition of Class: (Cert. Helsingfors dated the 24th May, 1966)

Item: Main Engine 'A' frame's stiffening plates between units Nos. 5 fwd. and aft, No. 6 fwd., No. 7 fwd., Nos. 8 and 9 fwd. and aft to be specially examined and dealt with at the ship's arrival at Hamburg in two weeks' time, to which port she is proceeding via Sköldvik - Ykspihlaja.

Now done: All Main Engine 'A' frame's stiffening plates have been specially examined in way of welding by means of magna-flux and found the following welds cracked: No. 4 aft, No. 5 aft, No. 6 aft, No. 7 aft, Nos. 8 and 9 fwd. and aft. These welds have been veed out completely and carefully re-welded. On completion of repairs all new welds and the adjacent parts were crack detected and found to be satisfactory. It is recommended that the entry in the SRL may be amended as follows:

Welding at Main Engine 'A' frames' stiffening plates between units Nos. 4, 5, 6 and 7 fwd. and Nos. 8 and 9 fwd. and aft to be reexamined by 12/66 (6 months).

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.

Continued...

Ship's Name SS/MS "MONSUN" ex "MADELEINE"

Port Hamburg

Rpt. No. 15870

SRL No. 253:

Item: Chain drive casing repairs.

Nothing done at this time.

J. Gull.

