

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

Received London

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

16. AUG

Ship's Name ~~MS~~/MS "INDIAN REEFER" KR no. 516032

| | | | | | |
|---------------------------------------|------------|---|---------|-----------------------|-----------|
| Gross tons | 2600 | Port of Registry | Esbjerg | Port | Odense |
| Date of build | 10.39 | Is there a rpt. 8? | yes | Rpt. No. | 21925 |
| No. of visits | 10 | First date | 23-6-65 | Last date | 4-8-65 |
| Interim Cert. issued & copy herewith? | yes | Damage rpt. issued & copy herewith? | no | Last rpt. (H.Q. only) | |
| Date of completing rpt. | | Surveyed at, if different from Port above | | | Svendborg |
| Is a rpt. 9B attached? | yes | MN | 811 | Nature of survey | CSM |
| CSM Survey fees | kr. 2000.- | Damage fee | | Expenses | kr. 712.- |
| El. equipment | kr. 2020.- | | | | |

S.A. fee

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 | No. 6 stb. | good |
| 5 | Journals & bearings | | Side |

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)

| | | | |
|----|---|----|---------------|
| 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 8.65

ALSO FOR

SPL FOR

TRO

NOTED BY
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.)

Date of Committee MONDAY - 4 OCT 1965

Minute As now
CSM 8.65

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4 OCT 1965

4. 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 | P & S | all good | |
| 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 | P&S good | 32 | Detuner or vibration damper none |
| 33 | Main engine driven pumps | | P & Stb. fuel oil injection pumps | good | | |
| 34 | Crankcase doors & explosion relief devices | | P & S good | | 35 | Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) P & Stb. good |
| 36 | Essential independent pumps | | Stb. aft. bilge pump (N) P. ME lub. oil pump P. F.W. aux. eng. cooling water pump S. SW aux. eng. cooling water pump | | | all good |
| 37 | Bilge, ballast & oil fuel suction lines, fittings & controls | | good | | 38 | Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? good |
| 39 | Fresh water coolers | | | | 40 | Lub. oil coolers P&S good |
| 41 | Heaters (state service) | | | | 42 | Feed water filters |
| 43 | Auxiliary air receivers & safety devices | | hydr. tested good | | 44 | Starting air pipes good |
| 45 | Main air receivers & safety devices | | good | | | |
| 46 | Independent air compressors coolers & safety devices | | P. Aft. good | | | |
| 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 | good | 53 | Windlass good |

State
Port P. or
Starboard S.

Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Due to wear and tear: Starb. aft. bilge pump renewed, as per attached Cpn certf. dated 29-4-63. On completion the pump tested under working condition and found good.

Stb. M.E. No. 6 crankpin bearing upper halves remetalled.
33 off different cooling water & bilge & ballast pipes renewed.

Note: Sea connection examined as per Odn certf. dated 11-6-64

Center lub. oil pump f.M.E. examined as per Buenos Aires certf. dated 21-4-65

Port separate of tank stated in ODN certf. dated 11-6-64 should read starboard. Only one installed in this vessel.
The Harbour generating set disconnected.

ENTERED IN ODENSE ROUGH FEE BOOK ON THE

12/8-65

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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