

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS (Engines and Auxiliaries)
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

REC'D NEW YORK

DEC 23 1966

Received London

-3. JAN. 1967

Ship's Name SS/MS TOMARPort NEW YORKProcessing
Number: LR 536414Gross tons 6410Rpt. No. 65487Port of Registry TonsbergDate of build 10-48Is there a rpt. 8? NoNo. of visits 4First date November 28Last date December 2nd 1966Interim Cert. issued
& copy herewith? YesDamage rpt. issued
and copy herewith? NoLast rpt. (H.Q. only) M/L 17892Date of
completing rpt. December 2ndSurveyed at, if different from Port above -Is a rpt. 9B
attached? YesMN 1992Nature of survey CSMSurvey fees CS \$175.00
Elect. \$310.00

Damage fee

Expenses \$5.00

S.A. fee

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

1 Cyls., covers, pistons,
rods, valves & gears No. 7 - Good2 Con. rods, crossheads,
bearings & guides Side3 Crankpins
(incl. eccentrics)
& bearings Centre No. 7 - Good
SideCentre No. 4 - Good4 Crankshaft journals
& bearings No. 8 - Good5 Detuner or
vibration damper

MAIN ENGINE DRIVEN SCAVENGE PUMPS AND/OR AIR COMPRESSORS (delete as applicable)

6 Cyls., covers,
pistons & rods7 Con. rods, crossheads,
bearings & guides8 Crankpins &
bearings9 Journals &
bearings10 Levers, links &
bearings11 Coolers &
safety devices12 Scavenge blowers
& superchargers

13 Air coolers

14 Crankcase & scavenge doors & explosion relief devices

MAIN TURBINES

15 Casings, rotors,
blading, bearings,
thrusts & couplings

16 Astern turbine

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship and are in all respects satisfactory for the service on which the ship is intended to ply, namely, International voyages/voyages within the limits

(The above declaration applies to sea-going cargo ships of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed with/without fresh record of

C.S.M. (with date) when the survey has been completed subject to any outstanding condition of 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).

Surveyor to Lloyd's Register of Shipping

Date of Committee

NEW YORK

DEC 28 1966

Minute

As Low.

J.A.C. Graham

Surveyor to Lloyd's Register of Shipping

ALSO FOR

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are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

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". At part or complete Special Surveys those items which are not applicable to the ship

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 re-examination or repairs should be made before

MAIN REDUCTION GEARING

- | | |
|---|-------------------------------------|
| 17 Pinions & wheels | 18 Shafts, bearings & couplings |
| 19 Exhaust steam turbines (with recip. eng.) | 20 Thrust blocks, shafts & bearings |
| 21 M.E. steam compressors | 22 Intermediate shafts & bearings |
| 23 Clutches & hydraulic couplings | 24 Steam re-heaters |
| 25 De-superheaters | 26 Forced &/or induced draught fans |
| 27 Stop & manoeuvring valves | 28 Holding down bolts & chocks |
| 29 Main engine driven pumps (including fuel injection) | |
| 30 Condensers (main & aux.) | 31 Air ejectors (main & aux.) |
| 32 Have main engines been examined working & manoeuvring? | |
- No. 5 bearing - Good
- No. 4-5-6-7-8 cylinder fuel pump - Good
- Yes - Good

State
Port P. or
Starboard S.

- 33 Essential independent pumps

Fuel valves cooling pumps (upper and lower) - Good

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

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

- 36 Fresh water coolers

- 37 Lub. oil coolers

- 38 Heaters & safety devices including de-aerator (state service)

- 39 Pressure feed water-filters

- 40 Auxiliary air receivers & safety devices

- 41 Starting air pipes

- 42 Main air receivers & safety devices

Main Engine
Nos. 4-5-6-7-8 cylinders-
Good

- 43 Independent air compressors, coolers & safety devices

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

- 45 Have all evaporators safety valves been tested under steam?

- 46 Evaporators

- 47 Distillers

- 48 Steering machinery

- 49 Windlass

- 50 Machinery spare gear

Good

Good

Identify
by
position

AUXILIARY ENGINES

DOCKING

Propeller

Sea connections

Oil gland

Fastenings & gratings

Clearance in stern bush (if relined state clearance before & after)

Has screw/tube shaft been drawn?

Date of examining shaft & condition

Has shaft been changed?

Has shaft now fitted been previously used?

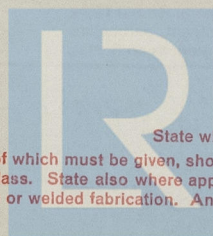
Has shaft now examined/fitted a continuous liner?

Approved oil gland

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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 for 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 be reported above.

State whether continuation sheet attached



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