

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS  
(ENGINES AND AUXILIARIES)

Received London  
31 MAR 1964

Ship's Name ~~SS~~MS "GEORGI BENKOWSKI" 9486 Gross tons of VARNA

Is there a rpt. 8? *yes*

Port GENOA

Rpt. No. **28722**

No. of visits 5

First date 19/2/64

Last date 25/2/64

Interim Cert. issued & copy herewith? *yes*

Damage rpt. issued & copy herewith? *no*

Last rpt. (H.Q. only)

Date of completing rpt. 26/2/64

Surveyed at, if different from Port above -

Is a rpt. 9B attached? *no*

MN 1176

Nature of survey Cond. of Class

Survey fees

Damage fee

Expenses (*see Rpt. 8*)

*Rptes. Lit. +6.250*

*She*

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, top ends & 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 & top ends

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 & top ends

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 survey, subject to the forward main lubricating <sup>oil</sup> pump body (Metalock 2/64) being specially examined before the end of July, 1964, <sup>and</sup> subject to any outstanding conditions 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.)

*P. J. Beaman*  
(P. J. BEAMAN)  
Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

*See HR 1426*

ALSO FOR

SPL FOR

TRO

SRL

POSTING

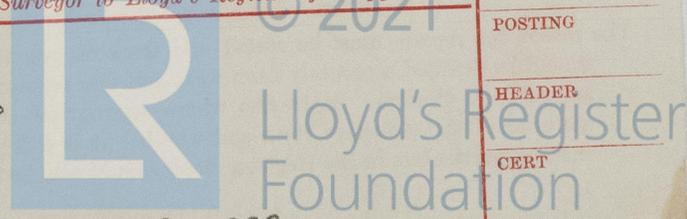
HEADER

CERT

All 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                  |    |                                  |    |                             |

State Port P. or Starboard S.

34 Crankcase doors & explosion relief devices

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

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

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

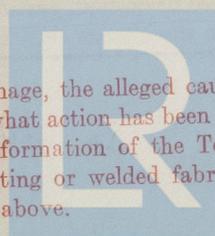
## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

CONDITION OF CLASS. Forward L.O. pump body.

This pump has been removed to the workshop, opened up and the fracture in the body cleaned and found not to have extended. The fracture has been satisfactorily repaired with the Metallock process and hydraulically tested on completion with satisfactory results.

It is recommended that the forward main lub.oil pump body (Metallock 2/64) be specially examined before the end of July 1964 in the meantime remaining efficient.

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.



© 2021

Lloyd's Register Foundation