

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

1555-6

JUL 1963

Ship's Name ~~SS~~ M.S. "LUBEN KARAVELOV" 7669 Gross tons of Varna

Is there a rpt. 8? ~~yes~~ Port Hamburg Rpt. No. 12716

No. of visits 3 First date 11.6.63 Last date 13.6.63

Interim Cert. issued & copy herewith? yes Damage rpt. issued & copy herewith? no Last rpt. (H.Q. only) LON 149455

Date of completing rpt. 19.6.63 Surveyed at, if different from Port above -

Is a rpt. 9B attached? yes MN 960 Nature of survey CSM and Mch.-Rep

Survey fees Damage fee Expenses

CSM : DM 210,--  
AB.-Rep. : DM 90,--  
Mchy.-Rep.: DM 60,--

DM 24,--  
S.A. fee DM 50,--

Hau 5280

3 JUL 1963

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

1 Cyls., covers, pistons & rods No.s 1, 2, 3 and 4 good

2 Valves & gears Nos. 1, 2, 3 and 4 good

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 CSM (with date) upon completion

P.R. 27/63

ALSO FOR  
SPL FOR  
TRO  
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.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

WEDNESDAY 31 JUL 1963

Minute

As show, without spec. etc.

b. Davis



Lloyd's Register Foundation

013224-013231-0008

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.

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only when it has been examined, 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				

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

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.**

Machinery Repairs:

M.E. Nos. 3 and 4 new cylinder liners fitted (old cylinder liners oversize)

M.E. No. 2 cylinder one new lower piston head fitted out of ship's spare

All four upper pistons cooling water in and outlet bushes fitted by E.W. (old connections corroded)

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.

State Port State  
 be omitted from forward.  
 described fully under "defects and repairs".  
 repairs have been effected or it is