

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS  
(ENGINES AND AUXILIARIES)

Received London  
20 MAY 1963

Ship's Name SS/MS LIDIA

Gross tons 3217

Is there a rpt. 8? Yes

Port Port of Spain Rpt. No. UC-538

No. of visits 10

First date 23/4/63

Last date 15/5/63

Interim Cert. issued & copy herewith? No

Damage rpt. issued & copy herewith? -

Last rpt. (H.Q. only)

Date of completing rpt. 15/5/63

Surveyed at, if different from Port above -

Is a rpt. 9B attached? Yes

MN

Nature of survey Unclassed survey of machinery.

Survey fees

Damage fee

Expenses

S.A. fee

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

	Port	Starboard
1 Cyls., covers, pistons & rods	All (12) good	All (12) good
2 Valves & gears	All - good	All - good
3 Con. rods, top ends & guides centre	All - good	All <del>Side</del> - good
4 Crankpins & bearings centre	All - good	All <del>Side</del> - good
5 Journals & bearings	All - good	All - good

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
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17 Reduction gearing Port & Starboard reverse reduction gear boxes (Talk) - good

18 Scavenge blowers 2 Rootes type each engine - good. 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of Examination at this time shows that the complete main and auxiliary machinery electrical and pumping systems have been recently completely overhauled and are in good condition.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

*J. L. Lumsdon*  
Surveyor to Lloyd's Register of Shipping  
J. L. Lumsdon.

Date of Committee

**TUESDAY 18 JUN 1963**

Minute

*Noted*

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20	Exhaust steam turbines (with recip. eng.)	-	21	Thrust blocks shafts & bearings	Good - Port & Starboard.
22	Steam compressors	-	23	Intermediate shafts & bearings	Port & Starboard all - good
24	Clutches & hydraulic couplings	Port & Stbd. air clutches good-overhauled.	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 P & S - good
33	Main engine driven pumps	One F.W. One S.W. Two LO pumps each engine - good.			

34	Crankcase doors & explosion relief devices	None fitted	35	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	Yes - good
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36	Essential independent pumps	Stand by L.O. Pump. 2 F.O. transfer pumps. 1 Fire & G.S. in fwd. pump room.	3 Bilge, fire & G.S. pumps
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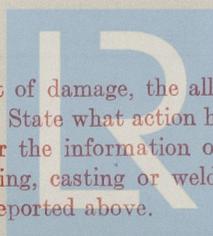
37	Bilge, ballast & oil fuel suction lines, fittings & controls	Good	38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	Good	
39	Fresh water coolers	2 M.E. coolers - good 3 aux F.W. coolers - good	40	Lub. oil coolers	2 M.E. good 3 Aux. good	
41	Heaters (state service)	None	42	Feed water filters	None	
43	Auxiliary air receivers & safety devices	-	44	Starting air pipes	None	
45	Main air receivers & safety devices	2 port and 1 starboard - good used for air clutches & controls.				
46	Independent air compressors coolers & safety devices	2 (1Port & 1 Stbd.) electrically driven - good.				
47	Oil fuel tanks (not forming part of the hull structure)	Aux engine room day tank in engine room - good.				
48	Have all evaporators safety valves been tested under steam?	-	49	Evaporators HP & LP	-	
51	Fire extinguishing arrangements	Good	52	Steering machinery main & aux - good	53	Windlass P & S good.

**AUXILIARY ENGINES**

Three 100 K.W. diesel generators - good. Two completely overhauled, one new.

**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 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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