

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

First date 23/4/63

Last date 15/5/63

No. of visits 10
Interim Cert. issued
& copy herewith? NoDamage 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 - side good
4 Crankpins & bearings centre	All - good	All - side 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
	15 Levers

MAIN TURBINES (State Port—P or Starboard—S)

16 Casings, rotors,
blading, bearings
& thrusts

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.)

Date of Committee

TUESDAY 18 JUN 1963

Minute

Noted

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

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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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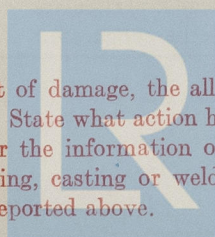
37 Bilge, ballast & oil fuel suction lines, fittings & controls	Good	38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	Good
39 Fresh water coolers	2 M.E. coolers - good 3 aux F.W. coolers - good	40 Lub. oil coolers	2 M.E. good 3 Aux. good
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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