

1952/9

1 APR 1963

Ship's Name ~~MS~~ "LUCERNA"

Gross tons 11292

Is there a rpt. 8? No

Port SINGAPORE

Rpt. No. 16372

No. of visits Two

First date 3-3-63,

Last date 7-3-63.

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued & copy herewith? No

Last rpt. (H.Q. only)

Date of completing rpt. 18-3-63.

Surveyed at, if different from Port above -

Is a rpt. 9B attached? No

MN 1102

Nature of survey Machinery Defect & CS.

Survey fees CS \$150.

Damage fee -

Expenses \$10.

S. H. B. L. H. \$22-50

S. A. fee \$80.

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

1 Cyls., covers, pistons & rods Nos. 2 and 5 - Good.

2 Valves & gears Nos. 2 and 5 - 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/ ~~with~~ fresh record of CS (with date) when the survey has been completed subject to any conditions at present attached to the vessel's 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

THURSDAY 18 APR 1963

Minute

as new.



Lloyd's Register Foundation

012827-012835-0246 1/4

ALSO FOR

SPL FOR

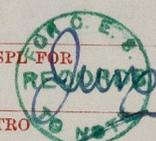
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CERT



4 APR 1963

14304 FEA2

Use those items which are not applicable need not be done when the machinery is in any part has been subjected to pressure parts when referred to by numbers should

D

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.

At request of Owner's Representative attended on board on account of defective cylinder jackets on Main Engine Nos. 2 & 5 units. Upon examination the No. 2 jacket was found fractured vertically in way of front fuel valve and No. 5 fractured vertically in way of starting air valve. No repair was practicable at this Port so the cylinder liners, complete with jackets, were replaced by ship's spares and defective units retained on board to be returned to Makers to have new jackets fitted. The replacement units were noted stamped as follows:-

No. 2 - 07797 Job. 11 Tested 30 lbs. 10-12-58.
No. 5 - 6670 J3 12-6-59 No. 37740.

Upon completion of repairs the main engine was examined under working conditions and found satisfactory.

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.

pt. 9A (cont.) 2

Ship's Name ~~SS~~MS "LUCERNA"

Port SINGAPORE Rpt. No. 16372

S.R.L. No. 198

"Aft air compressor water jacket (Metalocked 4/62) to be specially examined by 10/62 (6 mos)".

"Entablature of starboard aft air compressor to be repaired (permanently) by 12/62 (4mos)".

Nothing done at this time, it being stated by the Owner's Representative that these items were dealt with at Falmouth during November, 1962, but no confirmatory certificate was made available.

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