

1952/9

1 APR 1963

Ship's Name ~~SE/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 & rods7 Con. rods &
top ends8 Crankpins &
bearings9 Journals &
bearings10 Coolers &
safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11 Cyls., covers,
pistons & rods12 Con. rods &
top ends13 Crankpins &
bearings14 Journals &
bearings16 MAIN TURBINES (State Port—P or Starboard—S)
Casings, rotors,
blading, bearings
& thrusts

15 Levers

17 Reduction
gearing18 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.)

Date of Committee

Minute

as now.

THURSDAY 18 APR 1963

Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

012827-012835-0246 1/4

Lloyd's Register
Foundation

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks	21	shafts & bearings
Steam compressors	22	Intermediate	23	shafts & bearings
Clutches & hydraulic couplings	24	Condensers (main & aux.)	25	
Steam re-heaters	26	Air ejectors (main & aux.)	27	
De-superheaters	28	Forced &/or induced draught fans	29	
Stop & manoeuvring valves	30	Holding down bolts & chocks	31	
Main engine driven pumps	33	Detuner or vibration damper	32	

Crankcase doors & explosion relief devices	34	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	35	
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36 Essential independent pumps

Bilge, ballast & oil fuel suction lines, fittings & controls	37	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	38	
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Fresh water coolers	39	Lub. oil coolers	40	
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Heaters (state service)	41	Feed water filters	42	
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Auxiliary air receivers & safety devices	43	Starting air pipes	44	
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Main air receivers & safety devices	45			
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Independent air compressors coolers & safety devices	46			
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Oil fuel tanks (not forming part of the hull structure)	47			
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Have all evaporators safety valves been tested under steam?	48	Evaporators HP & LP	49	Distillers
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Fire extinguishing arrangements	51	Steering machinery	52	Windlass
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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.

Cont.2...

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.

Salway



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