

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
18. MAY 1965

Ship's Name ~~SS/MS~~ "LUCIANO CASTRO"
L.R. 521364
Gross tons 600 Port of Registry Santos Port of SANTOS
Date of build 3-1950 Is there a rpt. 8? Yes Rpt. No. 4276
No. of visits Four First date 5.1.65 Last date 27.4.65
Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only)
Date of completing rpt. 8.5.65 Surveyed at, if different from Port above --
Is a rpt. 9B attached? No MN 102 Nature of survey Advancement C.S.M.
Survey fees C.S.M., 180.000 Damage fee Expenses Cr\$ 1.000
S.A. fee

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

1 Cyls., covers, pistons & rods All : Good.
2 Valves & gears All : Good.
3 Con. rods, cross-heads, bearings & 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, cross-heads & bearings
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 Good. 12 Con. rods, cross-heads & bearings Good.
13 Crankpins & bearings Good. 14 Journals & bearings Good.

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~~ be reinstated and classed with/without fresh record of E.S. 4/64 now as previously recommended. Subject to all other conditions, at present attached to the ship's class by the Society's Surveyors, 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.)
For (C.A. Davies) & J.C. Camilleri
Surveyor to Lloyd's Register of Shipping

Date of Committee

TUESDAY 15 JUN 1965

Minute

As now
(ES 4.64 withheld)

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All 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 subject to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, 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				

State Port P. or Starboard S.

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

36 Essential independent pumps Salt water cooling water pump (P.): Good. Hand lubricating oil pump (S.): Good.

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

Identify by position

AUXILIARY ENGINES Port and Starboard auxiliary generator engine: Good.

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear and Tear repairs now done:

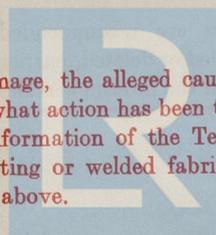
Sundry minor repairs and adjustments carried out at this time.

Interim Certificate issued as per attached copy.

The Owners' attention was drawn to the fact that no crank case door relief devices were fitted and this point is to be considered by the Owner.

The electrical installation will be megger tested upon the ship's return to Santos in about two months time.

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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