

- 2. MAR 1966

Ship's Name SS/MS "LUCIANO CASTRO"

Gross tons L.R. 521364 Port of Registry Santos Port of SANTOS

Date of build 3-1950 Is there a rpt. 8? Yes Rpt. No. 4528

No. of visits 7 First date 28.12.65 Last date 19.1.66

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? Yes Last rpt. (H.Q. only)

Date of completing rpt. 16.2.66 Surveyed at, if different from Port above --

Is a rpt. 9B attached? Yes MN 102 Nature of survey Damage repairs

Survey fees

Damage fee

Expenses

Repairs Cr\$ 250.000

TS. OG. Cr\$ 70.000

S.A. fee

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

1 Cyls., covers, pistons & rods

2 Valves & gears

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

12 Con. rods, cross-heads & bearings

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/without fresh record of TS. OG. 1.66 subject to any other outstanding conditions being dealt with as previously recommended.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

(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

Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

See B.A.S 38948

014835-014842-0146

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

should be made before that date a distinction 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

Exhaust steam
turbines (with
recip. eng.)

20
Steam
compressors

24
Clutches & hyd-
raulic couplings

26
Steam
re-heaters

28
De-super-
heaters

Stop & manoeuv-
ring valves

33
Main engine
driven pumps

21
Thrust blocks
shafts & bearings

23
Intermediate
shafts & bearings

25
Condensers
(main & aux.)

27
Air ejectors
(main & aux.)

29
Forced &/or induced
draught fans

31
Holding down
bolts & chocks

32
Detuner or
vibration damper

State
Port P. or
Starboard S.

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

Identify
by
position

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.

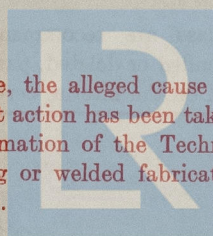
DAMAGE - PLEASE REFER TO RPT. 9B FOR DETAILS.

The Main Engine which was stated to have vibrated heavily after the damage, was found to have a stretched camshaft driving chain and this was renewed.

The thrust was opened up and examined and no damage found.

The starboard auxiliary diesel engine was examined opened up and it was found that the Nos. 2, 3 and 5 journal bearings had the white-metal wiped and broken and the No 4 journal bearing whitmetal was slightly wiped. The Nos. 2, 3 and 5 bearings were remetalled and the No 4 bearing scraped and refitted.

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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