

Rpt. 9

Date of writing report 26th Jan., 1959

Received London 2 FEB 1959

Port of GENOA

No. 23905

Survey held at GENOA

No. of visits 3

First date 8/1/59

Last date 12/1/59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 60398 Name S.S. "FAIRTRADE" Gross tons 6675 Date of build 11-1921

Owners Fairtrade Steamship Co. Ltd. Managers - Port of Registry Monrovia

Engines made 1921 By Gen. Mar. Eng. Works - Hartlepool Type 2 steam turbines

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 SB W.P. 225 lbs.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock both

Nature of Survey TS, MBS & DKG.

Was Damage Report issued? no Int. Cert.? yes.

Last Report (For Head Office only)

Table with 2 columns: Hull and Machinery. Hull entries: +100A1, SS 8/57, Dkg 10/57. Machinery entries: +LMC 8/57, BS M 8/57, TS CL 6/55, SP 8/57.

The condition of any of the following items is to be described as "good" only when the part 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 it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; 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.

DOCKING Propeller Good Wear Down of Stern Bushes 3,5 mm. Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft Tubeshaft been drawn? yes † Date of Examination 9/1/59 Has Shaft been changed? no

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted on a continuous liner? yes Approved oil gland? no

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side Centre

4 Crankpins & Bearings Side Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS This vessel's machinery is eligible, in my opinion, to be

continued as now Classed with fresh record of MBS 1,59 when the survey has been completed, subject to

the propeller shaft being re-examined and dealt with as found necessary by the end of January, 1960

(12 months limit). - To complete the Main Boiler Survey the port and starboard boilers to be examined

throughout, the mountings of the centre boiler to be examined and all the safety valves to be adjusted

under steam.

Date of Committee TUESDAY 24 FEB 1959

Decision Defend for ep MBS

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.) (TS record withheld)



002550-002558-0010

If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position)

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....

41 Oil Fuel Tanks (Not forming part of hull structure).....

42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....

44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position)

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| PROPULSION | | ELECTRICAL EQUIPMENT | |
|-----------------------------------|-----------|---|--|
| PORT | STARBOARD | AUXILIARY EQUIPMENT | |
| a Generators | | l Generators & Governors | |
| b Exciters | | m Motors | |
| c Air Coolers | | n Switchboards & Fittings | |
| d Motors | | o Circuit Breakers | |
| e Air Coolers | | p Cables | |
| f Control Gear, Cables, etc. | | q Insulation Resistance | |
| g Insulation Resistance | | r Steering Gear Generators and Motors | |
| h Insulating Oil Test | | s Navigation Light Indicators | |
| i Overspeed Governors | | | |
| j Magnetic Couplings | | | |
| k Air Gap | | | |

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Centre 12/1/59 - Good. AUXILIARY, DONKEY or PRESS

Superheaters now removed.

Safety Valves -

~~Emergency~~ Doors & Fastenings Good

Safety Valves Adjusted to { Sat. -

{ Spt. -

Boiler Securing Arrangements Good

Main Economisers

Exhaust Gas Heated Economisers

Steam Heated Steam Generators

Steam Generator Safety Valves Adjusted to

Were Oil Burning System & Remote Controls examined working in accordance with Rules? - Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? - Funnel

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main

Auxiliary (over 3 in. bore)

Were Copper Pipes annealed?

Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Please see London letter dated 19th December, 1958.

NOW DONE :- The screwshaft has now been drawn in, examined by magnaflux test and found sound, except a corrosion all around the cone between the bronze liner and the propeller boss forward end due to water which entered the propeller boss.- The liner, sound, was found to be worn (actual thickness 12 mm. in way of the after bush).- The Owner did not agree to have the shaft properly machined on the cone now and to renew the liner, on the ground that the vessel will be sold for scrap in a near future.- It has been recommended that the shaft be re-examined and dealt with as found necessary by the end of January 1960 (12 months limit).

The superheaters coils of the three main boilers have now been removed and during this, stated, last trip the engine will be operated on saturated steam.

LEAVE THIS SPACE BLANK

Survey fees N. - Lt 4,000

T.S. - Lt 12,500

MBS - Lt 20,000

Damage fee

Expenses... (See R/L 4)

Date when A/c rendered... 30/1/59

