

Rpt. 9

Date of writing report 7/2/58.

Received London 21 FEB 1958

Port LONDON

No. 137449

Survey held at LONDON

No. of visits 8.

First date 2/1/58.

Last date 6/2/58.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 24397. Name S.S. "PLANTER". Gross tons 6007. Date of build 6-1937.

Owners Charente S.S. Co., Id. Managers T. & J. Harrison, Id. Port of Registry Liverpool.

Engines made 1937. By Wallsend Slipway & Eng. Co., Id. Type Quad Expansion Steam Engine.

No. of Main Engines 1. No. of Screws 1.

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 4. W.P. 235.1b.Spt.

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

Surveyed Afloat or in Dry Dock Yes Both.

Nature of Survey Docking, TS, CL., General Exam.

& Blr. Rprs. Was Damage Report issued? - Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
100A1	5-57. SLMC. 1-54.
SS. Bkn.	1-54. MSB. 10-57.
	TS. CL. 3-55.
	Fitted for O.F. 6-37.

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.

If a Survey also been held on Ship, If so, is the Report sent now, or when will it be sent?

DOCKING Propellers/ Good. Wear Down of Stern Bushes 1/8" Oil Glands - Sea Connections Good.

Fastenings Good. Has Screwshaft been drawn? Yes. Date of Examination 14/1/58. Has Shaft been changed? No.

Has Shaft now fitted been previously used? - Has Shaft now examined on a continuous liner? Yes. Approved oil gland? -

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

1 Cyls., Covers, Pistons & Rods 2nd MP Good.

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)

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 & MANCEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in safe working condition & eligible in my opinion to remain as now classed with fresh record of TAIL-SHAFT SURVEY CONTINUOUS LINER 1-58.

Date of Committee THURSDAY 20 MAR 1958

Decision TS 1/58

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

JBB.

Noted for Header

P. H. W. EVANS

Signature: P. H. W. Evans for self.

Engineer Surveyor to Lloyd's Register of Shipping G. W. KITCHING & R. A. LORRAINE

G. W. Kitching + R. A. Lorraine 003513-003524-0201/2

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) For'd. starb'd. fuel oil transfer pump. After pump of fuel oil unit.

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) Outboard dynamo steam engine - good.

ELECTRICAL EQUIPMENT

Table with columns: PROPULSION, PORT, STARBOARD, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, Navigation Light Indicators.

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

MAIN AUXILIARY, DONKEY or PRESS. Superheaters, Safety Valves, Mountings, Doors & Fastenings, Safety Valves Adjusted to Sat. Spt., Boiler Securing Arrangements, 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)

GENERAL EXAMINATION FOR POSTPONEMENT OF ENGINE SURVEY. (Refer to letter dated 22nd November, 1957, from Secretary to Owners, regarding this):-

The items enumerated above have been examined in conjunction with the requirements of Circular No. 1959, & in addition the Chief Engineer reported that the machinery & bilge pumping arrangements had behaved satisfactorily during the preceding voyages. The condition of the machinery generally, is such as to warrant the favourable consideration of the Committee to the Owners' request to postpone the Engine Survey until January, next.

Main Boiler Repairs:- All plain tubes of all four boilers have been renewed at this time on account of scab pitting. A total of 48 stay tubes also renewed. Cert. No. C. 17864 (NOT.) covering tests of new tubes, sig. Tube plates examined after removal of old tubes & same found to be satisfactory. On completion of renewals tightness tests observed under hydraulic pressure & subsequently the boilers examined under steam & found to be satisfactory.

LEAVE THIS SPACE BLANK

Survey fees TS. CL. 27.0.0d. Gen. Exam. 18.0.0d. Boiler Rprs. 18.0.0d.

Damage fee ... Expenses... 16/-

Date when A/c rendered. 20 FEB 1958



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Rpt. 9a

Port of LONDON.

Continuation of Report No. 137449 dated

on the

S.S. "PLANTER".

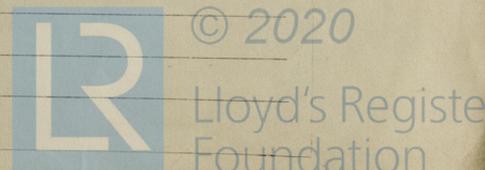
A. G.M. whistle steam valve has been fitted to each of the two forward boilers as an addition to those already installed on the after two boilers. These valves were tested to twice the working pressure prior to installation, & found to be satisfactory & were stamped:-

LLOYD'S TEST 500.lb./sq." LON. P.H.E.

Signature of P. H. W. Evans

Engineer Surveyor to Lloyd's Register of Shipping.

P. H. W. EVANS, G.W.KITCHING & R.A.LORAINÉ.



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