

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

No. 1575

of writing Report 26.11. 19 51 When handed in at Local Office 19 51 Port of HAMBURG
 Survey held at HAMBURG Date First Survey 13.9.51. Last Survey 31.10. 19 51
 on the Machinery of the ~~Wooden~~ Steel S.S. "POINT CLEAR" (No. of Visits 32)

Gross 7777 Vessel built at Gloucester City, N.J. By whom Pusey & Jones Corp. Year. Month. When 1920 3
 Net 4954 Engines made at Philadelphia By whom W. Cramp S & E. B. Co. When 1920 3
 Main Boilers 3SB Boilers, when made (Main) 1920 (Donkey) -
 Owners Bellavista Compania Naviera S.A. Owners' Address -
 Managers - (if not already recorded in Appendix to Register Book.)
 If Surveyed Afloat or in Dry Dock Both Port Panama Voyage -
 (State name of Dock.) Deutsche Werft A.G.

Report No. Port
 Particulars of Examination and Repairs (if any) +LMC, TS, Damage.
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys. Years assigned now expired. Machinery and Boiler Surveys (including date of N.B., if any)
 +100A1 Shelter deck with freeboard 3.51 6.48
 + LMC MS 12.44 BS 5.47 4.51 CL N-6.47 3.51
 Examined 6.47 4.51 (5 mos)
 (Reclassification Contemplated)
 Laid up pending Repairs. Fitted for op.

Present condition of funnel(s) efficient
 To what pressure were they afterwards adjusted under steam? 220 lbs/sq. in.
 To what pressure were they afterwards adjusted under steam? -
 and of the Donkey Boilers? -
 and of the Donkey Boilers? -
 and of the Donkey Boilers? -
 and of the Donkey Boilers? -
 Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? -
 Has the shaft now fitted been previously used? - Has it a continuous liner? -
 State date of examination of Screw Shaft 6.10.51. State the wear down in the
 Is electric light and ~~power~~ fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes
 Auxiliary machinery should be referred to by position in Machinery Space.
 A complete machinery and boiler survey
 been carried out.

Observations, Opinion, and Recommendation:-
 clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9.11, B&MS 9.11, *LMC 9.11 or 140 lb., ED, &c.)

of this vessel, where now seen, is in efficient condition and eligible in my opinion to
 previously classed with fresh record of +LMC 10.51 and TS CL 10.51.

Section 29) M.S. 26 0 0 Fees applied for
 Screw Shaft 5 3 0
 Repair Fee (if any) 85 0 0
 (per Section 29.)
 Electrical 14 0 0
 (if chargeable) 12 16 0
 Recorded by me.
 Minute FRI. 4 JAN 1952
 + Lmc 10.57
 without she cond
 S 10.51

Richard Kahler 2020
 Engineer Surveyor to Lloyd's Register of Shipping.

CERTIFICATE WRITTEN.

Lloyd's Register Foundation

008231-008236-0082

Insert Character of Ship and Machinery precisely as in the Register Book.

9: 1575.

"POINT CLEAR"

Valves, cocks, pipes and strainers of pumping arrangements.
Main and auxiliary condenser, feed water heater and evaporator tested.
Representative lengths of main and auxiliary steam pipes removed and tested to the Rule Requirements.

Electrical Installation.

Generators (30 KW), switchboards, cables and fittings examined and insulation resistance megger tested on completion of repairs and found satisfactory.

Boiler Survey

All boilers examined internally and externally with mountings, manholes, doors and their fastenings and found satisfactory.
Safety valves adjusted under steam as noted.
Oil fuel burning installation examined under working condition and found satisfactory.
Steam smothering arrangement verified, control rods checked.

Damage: -

Now done on account of the following damages: -

- a) stated due to refloating the vessel after grounding in North Channel, east of Singapore, on the 19th June 1951, whilst the vessel was on foyage from Hong Kong to Singapore in loaded condition.
- b) stated due to heavy weather between the dates 25th and 30th June and 11th and 15th July, 1951, whilst vessel was on voyage from Singapore to Aden in loaded condition.
- a) The vessel placed in drydock, propeller, screwshaft, stern bush, cocks, valves and outside fastenings of sea connections opened up for examination.
The following machinery parts opened up for examination: -
Main engine cylinders, pistons, valves and valve casings, crossheads, guides and connecting rods with bearings, crank- and thrust shafts with their bearings, attached air-, feed water - and bilge pumps with beams and bearings.
Independent circulating- and ballast pumps.
Main and refrigerating condenser. Sanitary pump.
Holding down bolts of main engine and thrust bearing.
- b) Steering engine opened up for examination.

Damage Repairs.

- a) Main engine No. 1 main bearing, top half and thrust bearing forward lower half remetalled.
6 main engine holding down bolts renewed.
Main condenser - 30 condenser tubes and 60 ferrules renewed.
Circulating pump, impeller shaft bearing renewed, impeller shaft smoothed.
Ballast pump - Bucket rods, neck bushes and bucket rings renewed, valves reconditioned.
Refrigerating condenser cleaned and 2 leaking coils repaired.
Sanitary pump - Bucket ring grooves dressed up, bucket cylinders machined, bucket rods and neck bushes renewed.
 - b) Steering engine crank discs and crank bearings machined, crank pins renewed.
Cables and fittings on forecastle deck and both masts partly renewed.
- Repairs (Wear and Tear.)

Fwd. main feed water pump. - Cylinder and bucket cylinder liner machined, piston and bucket renewed.
Aft main feed water pump. - Cylinder machined, bucket cylinder liner, piston and bucket renewed.
Auxiliary condenser cooling water pump: - Both bucket rods and neck bushes renewed.
Both oil fuel pressure pumps - Steam and oil cylinders machined, piston rods, slide valve spindles and neck bushes renewed.
Outboard generator engine - Governor repaired and satisfactorily tested.
Inboard generator engine - Slide valve spindle renewed.
Fan engine - Piston renewed.
Main condenser - water door with diaphragm renewed.
Aux. condenser - 4 condenser tubes renewed.
Oil fuel heating coils - The heating coils in Nos. 1 and 3 port and starboard double bottom tanks and port and starboard daily settling tanks now repaired and partly renewed.
The heating coils in deep tank and Nos. 2, 6 and 7 double bottom tanks found leaking, now suitably disconnected and blanked off.
Ballast Lines - In Nos. 2, 4, 6 and 7 double bottom tanks, 70 lengths of ballast lines (165 metres) renewed. All ballast lines satisfactorily tested in place on completion of repairs.
Stern tube - The stern tube cooling water pipe was found disconnected, the boring for this pipe tightened by cement. Cooling water pipe now removed, blanked on the bulkhead and boring in stern tube fitted with a screw plug.

Electrical installation.

Both generators stored and varnished.
Several minor repairs effected.

Trials.

Main and auxiliary machinery examined on completion under working conditions and found satisfactory.

Richard Kibler



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