

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office)

OCT 30 1940

Date of writing Report _____ When handed in at Local Office _____ 19 _____ Port of LOS ANGELES, CALIFORNIA.

Survey held at LOS ANGELES HARBOR, CALIF. Date, First Survey Sept. 11 Last Survey Sept. 19 1940 (No. of Visits three)

on the Machinery of the ~~Wood~~ ~~bronze~~ Steel S.S. "ILLENAO"

Gross 5291 Vessel built at Glasgow By whom Lloyd Royal Belge (Gt. Britain) When 1919 10
 Net 3321 Engines made at " By whom D & W. Henderson & Co. Ltd. When 1919
 Donkey Boilers --- Boilers, when made (Main) 1919 (Donkey) ---
 Owners Agencia Maritima Colon Ltda. Owners' Address (if not already recorded in Appendix to Register Book.)
 Managers Port Panama Voyage
 If Surveyed Afloat or in Dry Dock Both - Bethlehem Ship Yard's Dry Dock

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Year assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✓ for Special Survey		
Date of last Survey and of Periodical Surveys.		
S. 100 A1 10,39		LMC
ss Ant. No. 3-12,31		BS 6,39
ss Bry. No. 2,39		MS 10,39
		TS 9,39 cl

Particulars of Examination and Repairs (if any) Dkg. & B.S. & T. ---
 Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.
 Where cases where the Surveyor has not made a special damage report he is required to state whether he has offered his services for this purpose, and why they were declined.

Has a damage report made by anyone else? If so, by whom? ---
 Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
 " " Donkey " " " " ---
 Was this not done, state for what reasons? ---
 What parts of the Boilers could not be thus thoroughly examined? ---
 What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ---
 Latest date of internal examination of each boiler All Boilers - Sept. 12th, 1940 Present condition of funnel(s) Satisfactory
 Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.
 Did the Surveyor examine the Safety Valves of Donkey Boiler? --- To what pressure were they afterwards adjusted under steam? ---
 Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? ---
 Did the Surveyor examine the drain plugs of the Main Boilers? ---, and of the Donkey Boilers? ---
 Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? ---
 Has the screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ---
 Has the shaft now been changed? --- If so, state reasons ---
 Has the shaft now fitted been previously used? --- Has it a continuous liner? --- Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ---
 Date of examination of Screw Shaft Sept. 11th State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft Rewooded

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? ---
 Did the Surveyor examine the generators, motors, switchgear, cables and fuses? ---
 Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? ---
 If survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete

DONE:- Fastenings of propeller, stern tube and sea connections examined.
 Shaft drawn examined and found in good order. Outboard bearing rewooded.
 :- The three main boilers together with their safety valves and mountings examined internally externally, steam pipes and fittings examined. Safety valves adjusted under steam as above.

General Observations, Opinion, and Recommendation: --- Recommend that the Machinery of this vessel be retained as now Classed with fresh record of TAILSHAFT SEEN 9,40 and B.S. 9,40.

Fee (per Section 29) \$65.00 : Fees applied for Sept. 19 40
 Damage or Repair Fee (if any) £ :
 (per Section 29.)
 Printing expenses (if chargeable) \$ 3.00 :
 Late Fee \$10.00 :
 Received by me, _____

Committee's Minute NEW YORK OCT 2 1940
 Signed B. S. 9, 40 T. S. 9, 40.

J. S. Anshel 020
 Engineer Surveyor to Lloyd's Register of Shipping.



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

Is a Certificate required? If so, to be sent to _____

Noted
Jm
7.11.40



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Foundation