

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

MON. SEP. 4 1922

(Received at London Office)

of writing Report July 18th 19 22 When handed in at Local Office July 18th 19 22 Port of Newport News, Va.

Survey held at Newport News, Va. Date, First Survey June 28th Last Survey July 8th 19 22.
(No. of Visits 5)

on the Machinery of the ~~Wood, Iron or Steel~~ S/S "ELLENOR" ex "MASON CITY"

Gross 3482
 Net 2672 Vessel built at Wilmington, Del. By whom Bethlehem S.B. Corp. Ltd When 1920.
 Engines made at Harlan Plant By whom Bethlehem S.B. Corp. When 1920
 Main Boilers 2 Boilers, when made (Main) 1920
 Donkey Boilers 1 Owners A.H. Bull & Co. Port New York (Donkey) Harlan Plant
 Pressure in Boilers 190 Surveyed Afloat & in Dry Dock Yes
 (State name of Dock.) N.Ns.

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 expired.	Machinery and Boiler Surveys (Including date of N.B., if any).

Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) Classing: part L.M.C.

Special 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 a being detailed in the body of the report, should be briefly summarised at the end of the report. State also the 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 offered his services for this purpose, and why they were declined? Was a damage report made by anyone else? If so, by whom?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
 " Donkey " " " " Yes

Was not done, state for what reasons? Yes

What parts of the Boilers could not be thus thoroughly examined? Yes

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? Yes

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 190 lbs.

Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? Yes

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Propeller shaft now been drawn and examined? Yes Is it fitted with continuous liner? No Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? No

After shaft now been changed? No If so, state reasons _____

After shaft now fitted new? No Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

Distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 3/16 [Main Propeller Shaft to be examined throughout to complete.]

Survey is not complete state what arrangements have been made for its completion and what remains to be done? Propeller shaft drawn and examined, condition good. Shaft fitted with 3 liners; apparently the joints of these are half lap. Stern bush and propeller good. Shaft down 3/16". Sea socks and valves opened out, examined and found in good order. Bilge ejection valve examined and found in good order. Main condenser examined and tested-good and tight. Doors on same rejointed.

The main boilers opened out and examined internally and externally and found in good condition. Safety valves and boiler mountings drain cocks, manhole doors and fastenings examined and found in good order. The boilers now tested by hydraulic pressure to 285 lbs. per sq. inch and found tight and sound. Fastenings of main boilers good and efficient. The scantling of the boilers now checked up with the photostat supplied and found to agree. (See report attached)

The safety valves are now blowing at 190 lbs. per sq. inch.

The boilers at the present time are equipped for burning fuel oil and the fuel oil burning system

General Observations, Opinion, and Recommendation:— The boilers and machinery of this vessel as far as seen, are now in good order, and in my opinion merits the favorable consideration of the Committee for the record of L.M.C. 7.22, subject to the machinery being examined as required by the Rules: propeller shaft seen 7.22, the shaft to be specially examined in way of inner ends before the end of July 1924.

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 also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, E.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)

The vessel as far as seen, are now in good order, and in my opinion merits the favorable consideration of the Committee for the record of L.M.C. 7.22, subject to the machinery being examined as required by the Rules: propeller shaft seen 7.22, the shaft to be specially examined in way of inner ends before the end of July 1924.

Required by the Rules: propeller shaft seen 7.22, the shaft to be specially examined in way of inner ends before the end of July 1924.

Inner ends before the end of July 1924.

Fees applied for
 £ _____
 Received by me, £ _____
 Expenses (if chargeable) £ _____

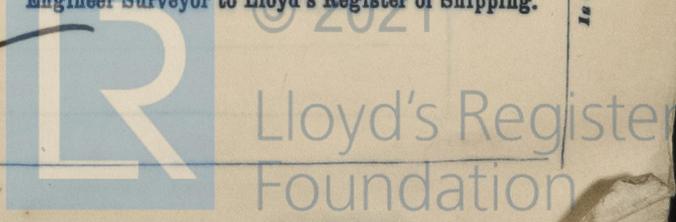
G. Hudson
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York AUG 22 1922

L.M.C. 7.22
TS-7.22 subject

Insert Character of Ship and Machinery precisely as in the Register Book. Is a Certificate required? If so, to be sent to _____

005971-003979-0030 1/2



Newport News, Va.

Continuation of Report No. 3610 dated July 18th 1922 on the

S/S "ELLENOR" ex "MASON CITY"

has been examined throughout and found to comply with Section 49 of the Rules.
The system was examined under working condition and found in good order.
A portion of the main engines now submitted for examination other than that noted
above.

[Handwritten signature]

003971-003979-0030 1/2



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