

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

(Received at London Office)

15 AUG 1951

Date of writing Report 30/7 1951 When handed in at Local Office 10 Port of Rotterdam

No. in Book. Survey held at Rotterdam Date. First Survey 15/51 Last Survey 7/7 1951
(No. of Visits 17)

782 on the Machinery of the Wood, Iron or Steel 4" CITY OF LONDON

Name { Gross 653 Vessel built at Burton Island By whom Burton Island S. B. Co. Ltd. Year. Month. 1927 12
 Net 356 Engines made at Coatbridge By whom W. Beattie & Co. Ltd. When 1927
 Main Boilers 1 5B Boilers, when made (Main) 1927 (Donkey) ✓
 Donkey Boilers ✓ Owners Bussels S. B. Co. Ltd. Owners' Address London
 Pressure—180 lb Managers and Port London Voyage Rondon
 Main Boilers 180 lb If Surveyed Afloat or in Dry Dock: R'dam Drydock Co.
 Donkey Boilers ✓ (State name of Dock.)

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)
<u>+100A1</u>		<u>7.1.1.6 0.49</u>
<u>with feed and</u>		<u>BB 11.50</u>
<u>HP. 4.50</u>		<u>O.G. 2.50</u>
<u>SS Lin. -8.46</u>		

Report No. 10001 Port London
 Particulars of Examination and Repairs (if any) + LMC, T.S. Rep. Commission to
 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 besides detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and nature of any letters respecting this case.

In 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 yes but not required
 Has a special damage report been made by anyone else? If so, by whom? Underwritten Surveyor
 Has the Surveyor personally go inside each Main Boiler separately and make a through examination at this time? yes
 " " Donkey " " " " ✓
 State for what reasons? ✓ What parts of the Boilers could not be thus thoroughly examined? All parts examined
 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 16/5/51 Present condition of funnel(s) good
 Has the Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 100 lbs
 Has the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓
 Has the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes and of the Donkey Boilers? ✓
 Has the Surveyor examine the drain plugs of the Main Boilers? ✓ and of the Donkey Boilers? ✓
 Has 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 Has it a continuous liner? no Is an approved oil retaining appliance fitted at the after end? yes
 Has the shaft now been changed? no If so, state reasons ✓ Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓
 Has an approved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft 10/5/51 State the wear down in the bush 1/32 inch Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes
 Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? yes
 The parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.
Vessel placed in drydock propeller stem and outside fastenings examined and found in good condition.
G. overhauled. This reported that the vessel has been repaired on the 22nd of March 1951.
Examined HP, MP & LP cylinders, pistons & rings, rods, slides & chests & covers and found in made in good condition.
Crank & thrust shaft with frames opened up and found good.
Attached air, feed & bilge pumps opened up and found in made good.
Circulating machinery feed, ballast & bilge pumps opened up and found in good condition.
Condenser (tested) pumping arrangement examined and found good.
Steam pipes tested as required and found sound & tight.
Examined the boiler (removed to workshop all lagging removed) internally and externally the mountings and safety valves and found same in good condition.
Safety valves adjusted to the WP under steam.

General Observations, Opinion, and Recommendation:—
 (State 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, BS 9,11, B&MS 9,11, LMC 9,11 or CS 3,34)
The machinery being in a good condition I am of opinion that the vessel is fit to be continued as classed with feed head of + LMC 7-51. notation 195-51 06 and fitted for oil fuel burning flue point above 150°F.

Fee (per Section 29) £ 225.-
 Conversion £ 50.-
 Special Damage or Repair Fee (if any) £ 60.-
 (per Section 29.) £ 70.-
 Printing expenses (if chargeable) £ 19.-

Fees applied for 3/7 1951
 Received by me, [Signature] 1951
 Engineer Surveyor to Lloyd's Register of Shipping.

TUES. 11 SEP 1951

CERTIFICATE WRITTEN.

[Signature]
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

012256-012264-0148 1/2

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

Address

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

"CITY OF LONDON"

Electric installation ^{etc} meggered and tested as required and found in good condition.

Wear, tear repair: Joint between HP. HP cylinders repaired.

HP false face renewed slides etc and box mechanism fair.

Feed & bilge pump plungers secured up in locks and returned.

Auxiliaries thoroughly overhauled.

Front and back end plate at bottom built up by P.W. boiler

tested by hydraulic pressure and found sound & tight.

Boiler mountings overhauled.

Feeding cables and cables of accommodation lighting renewed.

Main switch board overhauled and partly altered in accordance

with the revised plan. New electric steering equipment

fitted. Installation meggered.

Conversion to OF burning:

The boiler has been removed and afterwards refitted in

opposite direction. Steam-feed. blowdown piping, gauge glass

columns and piping renewed.

A new oil fuel burning unit, "Laidlaw Drew" ^{materials taken in repair} consisting of

two fuel heaters, two fuel pumps, fan engine, filters etc has been

satisfactorily ^{fitted} in accordance with the approved plans dated 16/4/57.

Oil fuel return & delivery piping, heating coils in tanks

tested as required and found sound & tight. Steam smothering

line, box and connections, foam extinguisher supplied in

fitted as per Rules. Lead piping replaced by steel pipes.

Machinery and OF burning installation ^{etc} under making

condition and found satisfactory.

A spare screw shaft and propeller have been supplied

marked respectively LLOYDS N° 91 EMD 26/57 and LLOYDS N° 92 EMD 26/57

J. Williams



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