

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

(Received at London Office 13 MAR 1948)

Date of writing Report 27/2/48 When handed in at Local Office 19 Port of ALEXANDRIA

No. in Reg. Book 23143 Survey held at ALEXANDRIA Date. First Survey 10/1/48 Last Survey 23/2/48 (No. of Visits 2)

23143 on the Machinery of the ~~Wood, Iron or Steel~~ Sc. Tanker "EMPIRE BAIRN"

Tonnage { Gross 813 Vessel built at Glasgow By whom Blythswood/Co.Ld. Year. Month. 1941 12
 Net 333 Engines made at Glasgow By whom D.Rowan & Co.Ld. When 1941 12
 Nominal Horse Power 139 Boilers, when made (Main) 1941 12 (Donkey)
 No. of Main Boilers 1 Owners Ministry of Transport Owners' Address
 No. of Donkey Boilers _____ Managers Coastal Tankers, Ld. (if not already recorded in Appendix to Register Book.)
 Steam Pressure in Main Boilers 190 Port Glasgow Voyage _____
 in Donkey Boilers _____ If Surveyed Afloat or in Dry Dock Afloat (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>GENERAL EXAMINATION FOR VOYAGE TO BOMBAY.</u>		
<u>+100 AI 2-47</u>		<u>+LMC 12-41</u>
<u>Examined 9-48</u>		<u>BS 9-46 12-47</u>
		<u>TS 2-47 CL</u>
		<u>Carrying Petroleum in bulk.</u>
		<u>Fitted for oil fuel above 150°F.</u>

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any)

GENERAL EXAMINATION FOR VOYAGE TO BOMBAY.
(Periodical Surveys, when held, must be reported in detail and serialim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, 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 being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

In damage 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? _____

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? _____

Donkey " " " " _____

If not, 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? _____

State latest date of internal examination of each boiler _____ Present condition of funnel(s) _____

Did the Surveyor examine the Safety Valves of the Main Boilers? _____ To what pressure were they afterwards adjusted under steam? _____

Did the Surveyor examine the Safety Valves of the Donkey Boilers? _____ To what pressure were they afterwards adjusted under steam? _____

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? _____ 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? _____ and of the Donkey Boilers? _____

Has the screw shaft now been drawn and examined? _____ Has it a continuous liner? _____ Is an approved oil retaining appliance fitted at the after end? _____

Has shaft now been changed? If so, state reasons _____ Has the shaft now fitted been previously used? _____ Has it a continuous liner? _____

Is an approved oil retaining appliance fitted at the after end? _____ State date of examination of Screw Shaft _____ State the wear down in the stern bush _____

Is electric light and/or power fitted? _____ If so, 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 the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. COMPLETE.

SURVEY CONFINED TO ITEMS MENTIONED BELOW

Now done: All, Main and auxiliary Machinery generally examined (not opened up) and found in good condition.

Records on board the vessel, show that the machinery has been functioning satisfactorily, and I believe the vessel to be safe for the contemplated voyage to Bombay.

General Observations, Opinion, and Recommendation:—

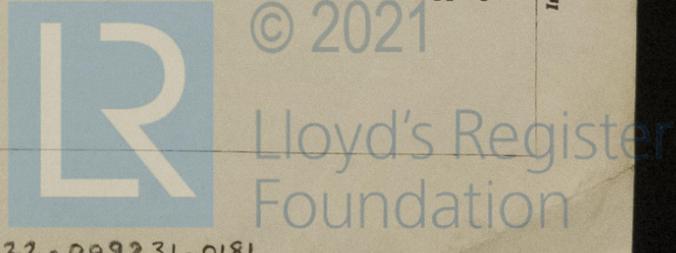
The Machinery of this vessel, as now seen, is in safe working condition, and eligible in my opinion to remain as now classed, without fresh record of Survey.

Survey Fee (per Section 29) £ : --- Fees applied for _____
 Special Damage or Repair Fee (if any) (per Section 29.) £ : --- 19
 Travelling expenses (if chargeable) £ : --- Received by me, _____

WED 7 APR 1948

AL Macpherson
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute _____
Assigned Deferred



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

If so, to be sent to