

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

(Received at London Office 22 JUL 1942)

Date of writing Report 29.6.1942 When handed in at Local Office 29.6.1942 Port of Hull
No. in Reg. Book 32291 Survey held at Hull Date First Survey 8.6.42 Last Survey 24.6.1942 (No. of Visits 5)

Tonnage Gross 5242 Net 3266 Vessel built at Grimsby By whom Blakland & Wolff Ltd. When 1914-15
Engines made at Glasgow By whom Blakland & Wolff Ltd. When 1919
Nominal Horse Power 517 Boilers, when made (Main) 1919 (Donkey) ✓
No. of Main Boilers 350 Owners Rajah Main Lines Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)
No. of Donkey Boilers 1 Steam Pressure 180 lb If Surveyed Afloat or in Dry Dock Both. Name of Dock Hull. Voyage ✓
in Donkey Boilers ✓ Managers

Last Report No. Port Docking & General
Particulars of Examination and Repairs (if any) Examination
(Periodical Surveys, when held, must be reported in detail and seriatim 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? No ✓
" " Donkey " " " ✓
If this was not done, state for what reasons ✓
And what parts of the Boilers could not be thus thoroughly examined? ✓
Also 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 (if efficient in Mean Time)Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓
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? ✓ 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? No Is it fitted with continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓
Has shaft now been changed? ✓ If so, state reasons. ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓
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? ✓
State date of examination of Screw Shaft. ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. 5/32"
Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted 4/10
If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? 4/10
Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No.If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To complete the

| 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). |
|--|-------------------------|--|
| FI 10091.9.41 | FI LHC | |
| I.S. H.P. 11.3 | M.S. 7.40 | |
| 7.32 | B.S. 8.41 | |
| I.S. H.M. 17.1.37 | T.S. 12.8.41 | |
| <u>EXAMINED G.H.</u> | | |

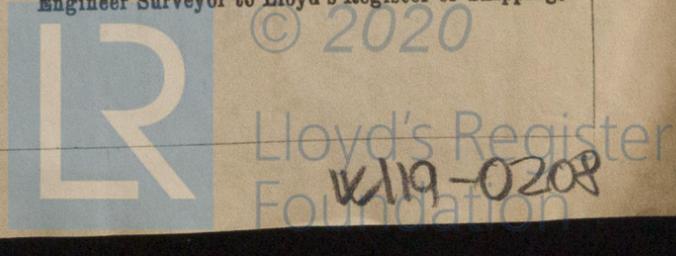
General Examination The funnel requires to be repaired & the electrical equipment tested as required by Rules. The Owners propose to complete the Survey on the vessel's return to the United Kingdom.
Now Done Hull placed in dry dock. Propellers, Stern bush, sea connection & outside fastenings examined & found in good condition. Wear down of Stern bush 5/32".
A general examination has been made of the main & auxiliary machinery together with the electrical & P.O.

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, B.S. 9,11, B.&H.S. 9,11, L.H.C. 9,11, or L.M.C. 140 lb., F.D., &c.)
CS 2,34, Eligible in my opinion to remain as classed without further survey.

Survey Fee (per Section 29) £ 8.00 Fees applied for 19
Special Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me, 19
Travelling expenses (if chargeable) £ : : ✓

Committee's Minute
Assigned As now

A.H. Leonard
Engineer Surveyor to Lloyd's Register of Shipping.



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

P.P. Paris.

Equipment. The testing of the electrical equipment has, at the request of the German representatives, been deferred until the vessels return to the United Kingdom.

The general condition of the machinery as now seen is satisfactory, both main & auxiliary machinery having been examined under working conditions & found in good working order.

The following machinery parts were opened out for inspection & overhaul & may be counted towards the Special Survey 1942:-

- Main engine 1000 Cylinders with piston.
- Main air pump.
- Main large pump.
- Main circulating pump.
- Main condenser (Condenser tested).
- Forward Aux. condenser (Condenser tested).
- Port & Starboard independent main feed pumps.
- Ballast pump.
- Fan engine.
- P.A. connections, propellers & outside fastenings.

All necessary running adjustments have been effected to the above machinery items.

P. R. Swadlow

10/2/42 party held
a. L.C. held except to megger test
to electric fittings which will be done
on return to the U.K.

Completion of the engine survey
& examination of 42-10 nos
when the electrical installation
has been megger tested.

RA
207/42



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