

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

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| Date of writing Report | 22 Feb 1896 | When handed in at Local Office | 24 Feb 1896 | (Received at London Office) | TUES, FEB 25 1896 |
| No. in Reg. Book. | Survey held at London. | | Date, First Survey | 6 Feb 1896 | Last Survey |
| 219 | on the Machinery of the Wood, Iron or Steel S.S. Mara | | of Visit | 5 | Master C. E. Denton |
| Gross Tonnage | 1448 | Vessel built at Newcastle. | By whom | Collier, Co. Ltd | |
| Net Tonnage | 927 | Engines made at | When | 1883. 12 | YEAR. MONTH. |
| Registered Horse Power | 146 | Boilers, when made (Main) | 88 (Donkey) 88 | | |
| No. of Main Boilers | 2 | Owners | Lima | Voyage | De Marara 2.9 |
| No. of Donkey Boilers | 1 | If Surveyed Afloat or in Dry Dock | Afloat in West India Dock | Particulars of Classification (which must be inserted precisely as in Register Book & Supplements). | |
| Steam Pressure in Main Boilers | 80 lb | (State name of Dock.) | Coupling B.S. 8 + 100 At. 11.95 - | | |
| in Donkey Boilers | 55. | | J. S. Smolz 92 | | |

Last Survey No. Port

Particulars of Examination and Repairs (if any),
Cousin off B.S. 8 + 100 At. 11.95 -

(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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No. See London Report No. 57189.

Do. " Donkey "

If this was not done, state for what reasons? Main Boiler already examined.

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?

Did the Surveyor examine the Safety Valves of the Main Boiler?

Not now examined.

At what pressure were they afterwards adjusted under steam?

Not now adjusted.

Did the Surveyor examine the Safety Valves of Donkey Boiler?

Yes.

To what pressure were they afterwards adjusted?

55 lbs.

Has the propeller shaft been drawn and examined at this time? No.

Survey complete.

If the Survey is not complete state what arrangements have been made for its completion?

Now done for completion of Special Survey No. 3. Cylinders, Pistons, Slide Valves and Pumps examined. The Liner of the H.P. cylinder found to be leaking slightly at joint of the bottom flange. This cylinder however is still in efficient condition. New Feed Pump Rises have fitted and the rods of air & circ Pumps have now been turned and new gland & neck bushes fitted. Condenser and all Pumping arrangements examined and found satisfactory. Crank, Thrust and Journal Shafts examined and found free from any appearance of defect. Crank, tried under Steam in harbour and found satisfactory.

The Main Boiler of this vessel examined in December last.

Donkey Boiler now examined. Holes drilled in Rating of shell and firebox thickness not under $\frac{3}{8}$ " to $\frac{1}{16}$ " where drilled. This Boiler potted in two places in way of local defects in firebox. Its safety valves now adjusted under Steam as above.

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. 9.95, B&M.S. 9.95 or L.M.C. 9.95, 10 lb., F.D., &c.)

The Machinery of this vessel is in satisfactory condition and in my opinion eligible to remain as classed with fresh record of Luree 11.95 - subject to the visiting of liner of St. P. Gleider being again examined in twelve months.

Office or Registration Fee (per Sec. 27) £ : . : .
Survey Fee (per Section 28) Balance of £ : . : .
Special Damage Fee (per Section 28) £ : . : .
Travelling Expenses (if chargeable) £ : . : .

Fees applied for
28/3/1896
Received by me,
4/3/1896

*State if Certificate is required.

Committee's Minute

Assigned

TUES, MAR 3 1896

FRI, MAY 22 1896

FRI, 18 SEP 1896

B.S. 11.95 M.S. 2.96
(subject)

note limit



Lloyd's Register
Foundation