

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

(Received at London Office 25 Sept 1899)

Date of writing Report 25 Sept 1899 When handed in at Local Office 25 Sept 1899 Port of London
Survey held at London Date, First Survey 25 Sept 1899 Last Survey 23 Sept 1899
on the Machinery of the Wood, Iron or Steel S.S. Marine Master Mitchell
Gross 2876 Vessel built at N. Hood By whom H. Gray & Co When 1889 7
Net 1813 Engines made at " When '89 Boilers, when made (Main) '89 (Donkey) '99
Registered Horse Power 274 Owners Atlantic Transport Co. Ltd Port London Voyage Baltimore
No. of Main Boilers 2
No. of Donkey Boilers 2
Steam Pressure in Main Boilers 160 lb Surveyed Afloat or in Dry Dock Afloat in Millwall Dry Dock
in Donkey Boilers 90
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port
Particulars of Examination and Repairs (if any) L.M.C. + 100 A. 11.98. + L.M.C. 1.99
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? yes.
Do. " Donkey " Res.
If this was not done, state for what reasons? Letter now new
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? yes. To what pressure were they afterwards adjusted under steam? 162 lbs
Did the Surveyor examine the Safety Valves of Donkey Boiler? yes. To what pressure were they afterwards adjusted under steam? 88
Has the propeller shaft been drawn and examined at this time? yes. If spare propeller shaft fitted, state whether new? new.
State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? new wood. See limit list.

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.
Now done Cylinders Pistons Slides, all Pumps and the Condenser Tail Shaft drawn in and examined. The flaw in Tail Shaft previously reported is found to have further developed and a new Tail Shaft has now been fitted. Pump in same No. 358. Lloyd's T. R. B. Propeller and all Sea Connections examined. Repairs now done: Metal in Main Bearing renewed New M. P. Piston Rod & Slide Sprinkle & Slide and Face fitted.
Main Boilers examined Throughout and found to be generally in satisfactory Condition. Repairs to same. Main & Fore Box of Joints renewed. M. P. Piston Rod B-S. all defective boiler tubes have been renewed.
Two new Donkey Boilers fitted See Report attached.
New Main & Donkey Boiler Fittings now fitted.
All Safety Valves adjusted under steam as above.

General Observations, Opinion, and Recommendation: The Machinery of this Vessel is in good order and in my opinion eligible to remain as classed with fresh record of + L.M.C. 7.99 and "N.D.B. 7.99" and this vessel's name removed from the S. Resans List.
(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. 9.97, B.&M.S. 9.97 or L.M.C. 9.97, 140 lb., E.D., &c.)

Office or Registration Fee (per Sec. 27) £ 2
Survey Fee (per Section 26) £ 5
Special Damage Fee (per Section 28) £ 10
Travelling Expenses (if chargeable) £ 4 10
Fees applied for 26/9 18 99
Received by me, D. Ritchie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
Committee's Minute FRI. 29 SEP 1899
Assigned + L.M.C. 9.99
Limit N.D.B. 99
Lloyd's Register Foundation
LON 719 - 0312

Screw shaft renewed on
account of being flawed
Slight repairs to main boilers
2 new donkey boiler fitted

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

It is submitted that
this vessel is eligible for
THE RECORD. + LmC 999

+ NDB, 9-99 working
pressure of donkey
boilers & other
vessels named to
be removed
from time
list.
Signed
26/9/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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