

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

Date of writing Report 1st June 1894 When handed in at Local Office 18 Port of London
No. in Reg. Book. 580 Survey held at Tilbury Date, First Survey 25th May Last Survey 29th May 1894
on the Machinery of the Wood, Iron or Steel S.S. "Michigan" Master Oxford
Tonnage Gross 3822 Net 2383 Vessel built at Belfast By whom Harland & Wolff (Lim) When 1890 Boilers, when made (Main) 1890 (Donkey) 1890
Registered Horse Power 375 Engines made at Do. Owners Atlantic Transport Co. (Lim) Port London Voyage Baltimore
No. of Main Boilers Two If Surveyed Afloat or in Dry Dock Tilbury dock.
Steam Pressure in Main Boilers 180
in Donkey Boiler 90
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 553 Port London
Particulars of Examination and Repairs (if any) S.S. N^o 1 (part)
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 repairs 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.

the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No.
Do. " Donkey " " " Yes
this was not done, state for what reasons? Mn. Bcs. not opened out.
what parts of the Boilers could not be thus thoroughly examined? ✓
to 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? ✓
the Surveyor examine the Safety Valves of the Main Boiler? No
what pressure were they afterwards adjusted under steam? Not adjusted
the Surveyor examine the Safety Valves of Donkey Boiler? Yes.
what pressure were they afterwards adjusted? 90lbs.

the Survey is not complete state what arrangements have been made for its completion? To be partly completed on vessel's return five weeks hence.

Now done - The H.P. and I.P. cylinders, pistons and slide valves exd. All main shafting (with cranks + thrust) examined. Donkey boiler examined internally + externally. Safety valves examined and adjusted under steam to 90lbs. Condenser examined.

To complete survey - The vessel requires to be placed in dry dock, the propeller shaft to be drawn for examⁿ and all sea and bilge connections examined. The I.P. cylinder, piston + slide valve to be exd., also tunnel shafting. The Main boilers and their safety valves to be examined and the latter adjusted under steam.

General Observations, Opinion, and Recommendation:— This vessel's machinery, so far as seen, is in safe working condition and the vessel is eligible, in my opinion, to remain as classed with record of L.M.C. deferred until completion of above.

Fee or Registration Fee (per Sec. 27) £ : : Fees applied for
Survey Fee (per Section 28) £ : : 18
Special Damage Fee (per Section 28) £ : :
Voyelling Expenses (if chargeable) £ : :
Received by me, R. Elliott.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
Date if Certificate is required
Committee's Minute
Assigned
TUES. 12 JUN 1894
FRI 12 JUL 1895
20 JUL 1894
TUES 23 APR 1895
FRIDAY 2 NOV 1894
Lloyd's Register Foundation
LON702-0214