

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

No. 51573
Date of Writing Report 10th Feb 1891 Port of London
No. in Reg. Book. Survey held at London Date, first Survey 15th Jan 1891 Last Survey 24th Jan 1891
313 on the Machinery of the S.S. Martin Master Whittle No. of Visits 3
Tonnage Gross 995 Vessel built at Newcastle By whom C. Mitchell & Co When 1875 Boilers, when made (Main) 1875 (Donkey) 1875
Net 641 Engines made at " Owners Cent. Steam & Ice Co Port London Voyage Granton
Registered Horse Power 180 If Surveyed Afloat or in Dry Dock Iron Gate Wharf Class of Vessel & Machinery - 100 A1 2.88
No. of Main Boilers 2 Steam Pressure in Main Boilers 50 (State name of Dock.) (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.) LMC 1.88
in Donkey Boiler
Last Survey No. 50701 Port S.S. Lou. N. 3 1-88

Particulars of Examination and Repairs (if any)

(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 should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.
Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time?
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?

Examined Main boilers internally & externally - found Centre Furnaces out of shape at present each furnace has two angle iron bars fitted half way round, & several 1 1/2" screwed stays carried through to wing furnaces
Shell of boilers especially at bottom much deteriorated

Recommended that the two new boilers now being constructed for this vessel at the Owners' Works Deptford, be fitted in three months time. See letter attached.
The main boiler safety valves have been tested & adjusted under steam to blow off at 50 lbs pres. per sq".

A new donkey boiler is now under construction at the Owners Works Deptford which will be fitted on board at the same time as main boilers

General Observations, Opinion, and Recommendation :—

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey : thus, for example, B.S. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)
So far as seen the machinery of this vessel is in fair condition, & in my opinion eligible to remain as classed subject to the renewal of the boilers as above mentioned

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	12/21 1891
Survey Fee (per Section 28).....	£ 1 : 10 :	Received by me,	3/3 1891
Special Damage Fee (per Section 28).....	£ : :		
*Certificate (if required) as per margin.....	£ : :		
Travelling Expenses (if chargeable).....	£ : :		

Committee's Minute FRI. 13 FEB 1891 TUES. 24 NOV 1891
Assigned Deferred
for Completion
© 2019 Lloyd's Register Foundation
LON692-0106

It is submitted that this vessel will be eligible
to have B.S. 1-91 renewed, when the donkey boiler
and its safety valve have been examined
and its safety valve adjusted under steam.
The vessel to remain as classed
subject to new boilers being
fitted within 3 months
and the boiler pressure in
the meantime be reduced
to 50 lbs. per sq. inch.

J.A.

12-2-91