

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

No. in Reg. Book. *Survey held at* London *Port of* London *Date of Writing Report* 21. 5. 89 188

114 on the Machinery of the S. S. "Federation" *Date, first Survey* May 13 *Last Survey* May 21 1889
(No. of Visits 5)

If Surveyed Afloat or in Dry Dock Pontoon *Vessel built at* Spudla *Tons, Net* 1578 *Gross* 2472
(State name of Dock.) *in* 1886 *Engines made in* 1886

No. of Main Boilers Made in 1886 *Donkey Boiler made in* 18 *Working Pressure, Main Boilers* 147 lbs.
Working Pressure, Donkey Boiler lbs. *Owners* Augier Bros. *Port* London

Last Survey No. Port Class of Vessel and Machinery 100 A1
(As in Register Book.)

Particulars of Repairs and Examination Damage -1 LMC 10.86
(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?

Vessel placed on Pontoon, sea connections examined & found to be in good condition. One propeller blade found broken & the boss loose on shaft. Recommended tail shaft to be drawn & turned down to fit boss, which has been done, & the stern bush renewed. Tail shaft sound, the whole properly refitted with one new blade. Crank shaft examined: found to be sound, holes in No 3 Coupling cleaned out & new bolts fitted. New end has been forged on Reversing shaft & adjustable cups fitted to the two aftermost brackets.

General Observations, Opinion, and Recommendation:— As far as seen this vessel appears eligible to remain as classed.
(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.)

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28)	£	1	1	<u>27 5 1889</u>
Special Damage, Fee (per Section 28)	£	:	:	
*Certificate (if required) as per margin	£	:	:	Received by me,
Travelling Expenses (if chargeable)	£	:	:	<u>3/6 1889</u>

Committee's Minute TUES 28 MAY 1889
Assigned Remain as classed

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping. Geo. E. Weymison
Maurice Wilson
Lloyd's Register Foundation
LON686-0115

It is submitted that this
vessel is eligible to remain
as classed

ALD

27. 5. 89



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