

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

48131
THUR. 23 FEB 1888

(Received at London Office,

No. _____ Date of Writing Report _____ 188 _____ Port of _____
 No. in Reg. Book. Survey held at London Date, first Survey 16 Feb Last Survey _____ 1888
 (No. of Visits _____)
906 on the Machinery of the S.S. Grays Master Lutherland Tons 1061 Net 165 Gross
 If Surveyed Afloat or in Dry Dock Albert Dk. Vessel built at Newcastle in 1876 Engines made in 1876
 (State name of Dock.)
 N.H.P. 170 No. of Main Boilers 1 Made in 1876 Donkey Boiler made in 18 _____ Working Pressure, Main Boilers, 80 lbs.;
 Working Pressure, Donkey Boiler _____ lbs.; Owners Hills & Co Port Liverpool
 Last Survey No. _____ Port _____ Class of Vessel and Machinery 100 A 1. 12. 86
 (As in Register Book.) LM C. 3. 84. 135. 6. 86
 Particulars of Repairs and Examination Part Boiler Survey
 (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 the main boiler and found that a considerable number of tubes had been stepped up. The safety valves were not opened out for inspection & the donkey boiler was constantly in use & could not be seen.

It is intended to fit new tubes to this vessels boilers when all the boilers will be again submitted for survey in about 3 months time.

This arrangement was made with the owner who was present during the survey.

General Observations, Opinion, and Recommendation:— *It is submit As far*
 (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.)

as seen the machinery of this vessel is in a safe working condition & eligible in my opinion to remain as classed provided the boilers are again examined on the vessels return in about 3 months time.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	
Survey Fee (per Section 28).....	£ : :	5. 3	188 8
Special Damage, Fee (per Section 28).....	£ : :		
*Certificate (if required) as per margin.....	£ : :		
Travelling Expenses (if chargeable).....	£ : :		

[Signature]
 Received by me, *[Signature]*
 77 1888

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES 6 MARCH 1888 TUES 6 MARCH 1888

Assigned Note for further survey



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LON682-0528

Insert Character of Ship and Machinery precisely as in the Register Book.

It is submitted that this vessel should remain as classed subject to the boilers being surveyed within about three months.

AM

23.2.88



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