

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

(Received at London Office MON. 19 OCT 1891)

No. 621 Date of Writing Report 19. 10. 91 18 91 Port of London  
 No. in Reg. Book 621 Survey held at London Date, first Survey Oct. 10 Last Survey Oct. 12 1891  
 on the Machinery of the S. S. "Minnesota" Master William Henry & Field No. of Visits  
 YEAR. MONTH.  
 Tonnage Gross 3216 Net 2080 Vessel built at Belfast By whom Harland & Wolff When 1887-11  
 Registered Horse Power 320 Engines made at do When 1887 Boilers, when made (Main) 1887 (Donkey)  
 No. of Main Boilers 1 Owners William Henry & Field Port London Voyage  
 Steam Pressure in Main Boilers 160 lbs. If Surveyed Afloat or in Dock Tilbury Class of Vessel & Machinery 1-100A1  
 in Donkey Boiler 60 (State name of Dock.) (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.)

Last Survey No. Port  
 Particulars of Examination and Repairs (if any) S.S. No 1  
 (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 Main Boiler separately and make a thorough examination at this time?  
 Do. " Donkey " " "  
 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?  
 Did the Surveyor examine the Safety Valves of the Main Boiler?  
 At what pressure were they afterwards adjusted under steam?  
 Did the Surveyor examine the Safety Valves of Donkey Boiler?  
 To what pressure were they afterwards adjusted?

Examined. Internally & S. P. cylinders & Safety valves of Main Boilers, all found to be in good condn. Tested Winch boiler under steam: lifted at 60 lbs.

Furnaces & shells of Main Boilers examined: found in good condn. Safety valves

To complete the survey, the Safety valves of Main boilers have to be tested under steam, owners propose to have this done on vessels return say in 6 wks.

General Observations, Opinion, and Recommendation:— As far as seen this vessel appears eligible to remain as classed under the notation: 1-100A1 & a fresh date on completion of survey  
 (State clearly what alteration, if any, is suggested to be made in the existing classification and notation of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 1,91, B.&M.S. 1,91, or L.M.C. 1,91, as the case may be.)

Office or Registration Fee (per Sec. 27)	£	:		Fees applied for
Survey Fee (per Section 28)	£	✓	✓	18
Special Damage Fee (per Section 28)	£	:	:	
Travelling Expenses (if chargeable)	£	:	:	

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

\*State if Certificate is required  
 Committee's Minute 20 OCT 1891 TUES. 8 DEC 1891  
 Assigned Deferred for Completion



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State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

\*Certificate to be sent to

18.-L. R. F. H.-Form No. 8.-Transfer Ink-5,000, 18/8/91

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



It is submitted that this vessel  
WILL BE  
eligible for the record of

+ L.M.C. 8.91 when the  
main boiler safety valves  
have been adjusted

C.R.J.

19.10.91.

