

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

(Received at London Office)

Date of writing Report *2nd Sept 1898* When handed in at Local Office *2nd Sept 1898* Port of *London*  
 No. in Reg. Book *570* Survey held at *London* Date, First Survey *21 Aug 1898* Last Survey *25 Aug 1898*  
 on the Machinery of the *Wood, Iron or Steel* *S.S. Hopper* Master *Grant*  
 Tonnage { Gross *1308* Net *819* Vessel built at *So Shields* By whom *Readhead & Co* When *1881*  
 Registered Horse Power *154* Engines made at *So Shields* When *'81* Boilers, when made (Main) *'86* (Donkey) *'95*  
 No. of Main Boilers *2* Owners *Pick & Page* Port *London* Voyage *Baltic*  
 No. of Donkey Boilers *1*  
 Steam Pressure in Main Boilers *7 1/2 lbs* If Surveyed Afloat or in Dry Dock *afloat in S. & S. Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Donkey Boilers *7 1/4* (State name of Dock.) *Russigard*

Last Survey No. *59387* Port *London*  
 Particulars of Examination and Repairs (if any) *B.S.* *+100 A.I. 10.97* *L.M.C. 5.97*  
*SS Nil 103.5.93*  
*SS Nil 101 '97*

(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 besides 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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *yes.*  
 Do. " Donkey " " " *yes.*  
 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? *yes.* To what pressure were they afterwards adjusted under steam? *7 1/2 lbs.*  
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes.* To what pressure were they afterwards adjusted under steam? *not adj'd*  
 Has the propeller shaft been drawn and examined at this time? *no* If spare propeller shaft fitted, state whether new? *-*

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *-*  
 If the Survey is not complete state what arrangements have been made for its completion and what remains to be done *The Donkey Boiler safety valves to be adjusted under steam. This to be done here on arrival in London. Main Boilers examined throughout. Port Holes drilled in Furnace and combustion chamber. Plating and the thickness of same found sufficient for above working pressure. Donkey Boiler examined out and inside and now found in fair order. Main Boilers tried under steam and their safety valves found to be loaded as above.*

*It is arranged with Owners that the Donkey Boiler safety valves will be adjusted under steam here next voyage.*

General Observations, Opinion, and Recommendation:—  
 (State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, 140 p., F.D., &c.)  
*The Machinery of this vessel so far as now seen, is in good order and in my opinion eligible to remain as classed with fresh record of B.S.-8.98. When this Survey is completed.*

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ : :  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : :  
 Fees applied for *3/9/98*  
 Received by me, *[Signature]*  
 10/10/98

State if Certificate is required   
 Committee's Minute *TUES. 6 SEP 1898*  
 Assigned *Deferred for complet. of B.S. 8.98*  
*pt. 68* *10/10/98* *pt. 68*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
 FRI. 21 OCT 1898  
 FRI. 21 OCT 1898  
 FRI. 2 DEC 1893  
 Lloyd's Register Foundation  
 LON 716-0290

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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

\*Certificate to be sent to

B.S. due 5, 98 to be completed on  
vessels return

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

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

B.S. 8, 98 when the  
Donkey Boiler safety valves  
have been adjusted under  
steam

HL  
3/9/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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