

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

No. *3* (Received at London Office, )  
 No. in Reg. Book. *3* Survey held at *London* Date, first Survey *6 Aug* Last Survey *8 Oct 1885*  
 on the Machinery of the *S. S. F. F. "Barry"* (Number of Visits *8*)  
 Tonnage, Gross *867* Built at *Middlesbrough* When built *1872 8*  
 Ditto, Net *545* Owners *Harris & Dixon* Port belonging to *London*  
 Diameter of Cylinder *27 50* Engines made by *T. Brassey & Co* When made *1872*  
 Length of Stroke *33* Boilers made by *(i)* When made *1881*  
 Pressure of Steam *65* If Surveyed Afloat or in Dry Dock *Limetide Dock* Character in Register Book. *100 A1*  
 Registered Horse Power *99* (State name of Dock.)  
 Last Survey No. *4.85* Port *L. M. C. 281*

## Particulars of Repairs and Examination

*Special Survey & Limit*

(State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Reports 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.)

Examined *Leacocks & connections* & found them good.  
 Examined *two main boilers containing and one horizontal dome* and found them in a good condition  
 Examined *safety valves slide valves high & low pressure cylinders and pumps* & found them good.  
 Examined *crankshaft* & found *circumferential cracks* in both crank pins *7 1/2' long in aft pin & 6' long in forward pins*. The journals were found to be in a good condition.  
 Two <sup>mild</sup> steel bolts have been fitted through the crank pins. They are now in a safe working condition.  
 The tailshaft & the *ligum vitalis* in the stern tube has been renewed.  
 The safety valves were found to blow off at *65 lbs*.

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)  
*The machinery of this vessel is now in a safe working condition and eligible in our opinion to have the notification L. M. C. 10.85 recorded in the Register Book. Subject to the crank shaft being again examined within six months from the present date*

Office or Registration Fee (per Sec. 27) £ *3 3*  
 Survey Fee (per Section 28) £ *2 2*  
 Special Damage Fee (per Section 28) £ *2 2*  
 \*Certificate (if required) £ *2 2*  
 Travelling Expenses (if chargeable) £ *2 2*

received by me, *YBM*  
*6/11/1885*

*Geo. F. Wierkinson & Co. Surveyors*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *Tuesday, December 3rd 1885.*

*Assigned*

*L.M.C. 10.85*

*David J. Jones.*

Lloyd's Register Foundation

LONG15-0638