

45756

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

No. *361* in Reg. Book. Survey held at *London*. Date, first Survey *Dec: 4<sup>th</sup>* Last Survey *Dec: 21* 1885  
on the Machinery of the *S. S. "Scotland"* (Number of Visits *5*)  
Tonnage, Gross *2645* Built at *Winghorn* When built *1869*  
Ditto, Net *1694* Owners *Simpleys, Curke & Darr* Port belonging to *London*  
Diameter of Cylinder *46" & 80"* Engines made by *J. Key* When made *1869*  
Length of Stroke *38"* Boilers made by *Do.* When made *1874*  
Pressure of Steam *60 lbs.* If Surveyed Afloat or in Dry Dock *after* *lic. D.R.* Classed *100 A1*  
(State name of Dock.)  
Registered Horse Power *400*  
Last Survey No. *1114878* Port *Lon* *M. S. 3.82 B. S. 4.84.*

Particulars of Repairs and Examination *For Special Survey No 3.*  
(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.)

*Examined cylinders, slides, air, circulating, feed and bilge pumps & valves, & pumping arrangements all found in good condition, Crank shaft found to have a circumferential crack in After fillet of Forward crank, this has been cut out. Thrust & tunnel shafting in good condition. Main Boilers examined, all defective parts in combustion chambers have been cut out & riveted patches fitted, about sixty stays have been renewed with nuts. Fore & Aft stays, shells, & furnaces, found in good condition. Safety valves in good condition. Superheater has had a doubling plate fitted on outside of top, to compensate for plate being wasted close to angle iron round smaller inner shell. Boilers tested with hydraulic pressure to 90 lbs. & found to be perfectly tight. Safety valves set under steam to 60 lbs per sq. in.*

General Observations, Opinion, and Recommendation:— *The machinery being now in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with B & M. S. 12. 85 provided that the main boilers are again examined within 12 mths. on acct. of their age and condition, & provided that the propeller & sea connections be examined in dry dock on the vessel's return from the present intended voyage say within 2 mths.*  
(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.)

Office or Registration Fee (per Sec. 27)	£	:	:
Survey Fee (per Section 28)	£	3	3
Special Damage Fee (per Section 28)	£	:	:
Cert. (if required)	£	:	:
Expenses (if chargeable)	£	:	:

received by me *5.2 188.6* *A. J.*  
*Geo. E. Nicolson*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Com. Fee's Minute *TUESDAY 12 JAN 1886*  
Assigned *Note*  
*B & M. S. 12. 85*  
Lloyd's Register Foundation  
LONG 76 - 0366



It is submitted that this vessel is  
eligible to have the notification  
BMS 12.85 recorded subject  
to the resurvey of boilers on  
account of their age & the  
Sea connections <sup>propeller</sup> when  
the vessel returns  
from her present  
voyage.

W.F.  
21/12/85



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