

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

47011

No. 637 Port of London (Received at London Office,  
No. in Survey held at London Date, first Survey 25 Sept Last Survey 10 Feb 1887  
Reg. Book. 637 on the Machinery of the S. S. Erasmus Wilson (Number of Visits 5)  
Tonnage, Gross 805 Built at Hartlepool When built 1876 3  
Ditto, Net 497 Owners S. Clark & Co Port belonging to London  
Diameter of Cylinder 27 1/2 Engines made by Blair & Co When made 1878  
Length of Stroke 33 Boilers made by (C) When made 1878  
Pressure of Steam 70 If Surveyed Afloat or in Dry Dock Millwall Dock (State Name of Dock.)  
Registered Horse Power 99 Classified 90 A1  
Last Survey No. 786 Port London Character in Register Book. 286

Particulars of Repairs and Examination Annual 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.)

Examined Seacocks & connections & found them good.  
Examined main boiler (4 furnaces 3 combustion chambers & dome) and found them in a good condition. The central combustion chamber has been retubed & solid stay fitted in the other combustion chambers.  
A new donkey boiler has been fitted on board. It was tested to 100 lbs hydraulic pressure on 19<sup>th</sup> October.  
The particulars of the donkey boiler are:  
Diameter 4' 0", height 10' 0" Furnace diam 3' 6" to 3' 2". Uptake 10" diam 3/8" plate, 4 cross tubes 8", 3/16 plate.  
Shell plate 3/8", double rivetted seam 1/16 holes 2 1/2" pitch, Lap joint.  
Furnace plates 3/8", Boiler top plate disted 1/2" plate.  
Safety valve 3" diam loaded with weights to 40 lbs per square inch.  
Main boiler safety valves blow off at 70 lbs.

General Observations, Opinion, and Recommendation:— As far as seen the machinery of this vessel is in a safe working condition and eligible in my opinion to have the notification 11. 86 recorded in the Register Book  
(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) £ : :  
\*Certificate (if required) £ 2 : 6 :  
Travelling Expenses (if chargeable) £ : 10 :

received by me, 17.2.1887

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

Committee's Minute

TUESDAY 15 FEB 1887

Assigned

L M C 11.86



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Lloyd's Register Foundation

LON 679-0312



It is submitted that this vessel is  
eligible to have the notification  
Sml. 11.86 recorded the boilers  
being subject to resurvey as  
per Rule.

DP

14/2/87

