

23856 a

## Report of Survey for Repairs of Engines and Boilers.

No. 22

SS No 2 (Rev 26/5/79)

No. in Reg. Book. Survey held at Leith Date, first Survey 9<sup>th</sup> May Last Survey 9<sup>th</sup> May 1879494 on the ISS. "Ella" Master C. H. StewartBuilt at Inverhething When built October 1870Tons 443 Owners J. Cormack Port belonging to Leith Character in Register Book. 90A1  
Classed 10-70Diameter of Cylinders 20" + 36" Engines made at Inverhething When made 1870  
Length of Stroke 27 By whom made Messrs J. Scott & Sons  
Pressure of Steam 60  
Registered Horse Power 65

Particulars of Repairs and Examination Engines. as the engines had not been opened up for inspection could not proceed with survey of them.

Boiler. examined outside of shell which is leaking at several of the seams round the bottom. also inside of boiler. found the longitudinal stays very much wasted and also the girder stays over the combustion chambers which also appeared to be very much wasted, but as these had not been cleaned could not ascertain to what extent. examined furnaces and found them in very bad condition it appears that the plates at seams below the bars had at some time given way and they are now patched to that extent. that I deemed it advisable to see the owner and point out to him the condition the boiler was in. and also the extent of repairs that would be necessary for putting the boiler in order and that only for short periods. after pointing this out to him. and which he appeared already to have known he decided in the meantime to run the vessel in this condition.

In submitting this report. and keeping in view the condition of the boiler of this vessel. I respectfully would recommend that the figure one should be withheld from her class. but will leave the matter in the hands of the Committee to be dealt with as they deem proper

\* See case for Red Ring

Amount of Fee ... £ : : received by me, }  
Certificate (if required) ... £ : : 187 }  
Expenses, if any, £ 1/11/0

John Sturrock  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

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