

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

No. 5132

(Received at London Office, 18/5/82)

No. in Survey held at Boston (Lindisfarne) Date, first Survey 3<sup>rd</sup> May 82 Last Survey 4<sup>th</sup> May 1882Reg. Book. 505 on the Machinery of the iron screw steamer Lizzie & Annie (Number of Visits 3)

Tonnage, Gross <u>99</u>	Built at <u>North Shields</u>	When built <u>1877</u>
Ditto, Net <u>62</u>	Owners <u>J. Hator</u>	Port belonging to <u>Boston</u>
Diameter of Cylinders <u>12" x 16"</u>	Engines made by <u>Pattison &amp; Atkinson</u>	When made <u>1877</u>
Length of Stroke <u>16"</u>	Boilers made by <u>d.</u>	When made <u>1877</u>
Pressure of Steam <u>5.5 lb.</u>	If Surveyed Afloat or in Dry Dock <u>on slipway &amp; afloat</u>	Classed <u>90 A.1</u>
Registered Horse Power <u>25</u>	(State name of Dock.)	Years assigned <u>8.81</u>
Last Survey No. _____	Port _____	LLOYDS M.C. 7.77

Particulars of Repairs and Examination of Boilers & machinery in accordance with the requirements of the rules for Special Survey No. 1 for warships.

Main Boiler examined, new plate patch riveted on back of combustion chamber in way of gusset stay, and triangle iron stay lifted off the plate with thimble between. Also patch studded on in way of fuel valve box. Boiler tested by hydraulic pressure to 90 lbs per sq. inch & showed no sign of weakness.

Safety valve overhauled & loading tested for 5th pressure.

Cylinders, Piston, Slide, & connecting rods & all pumps & valves overhauled. The circulating pump bored out & fitted with new cover & back rod. Pumping engine & boiler overhauled.

Sea connections. Propeller - outer end of shaft and the stern bush examined when a slipway.

Donkey Boiler examined & tested by hyd. pressure to 110 lbs per sq. inch.

Safety valve of same overhauled & loading corrected to 60 lbs per sq. inch.

General Observations, Opinion, and Recommendation:— The machinery & Boilers of this vessel are now in my opinion, in safe working condition & the case is respectfully submitted for the favourable consideration of the Committee, as eligible for the notation "LOYDS M.C. 5.82" in the register book.

Entry or Registering Fee... £ : :  
 Survey Fee (per Section 27) ... £ 2 : 2 : received by me,  
 Certificate (if required) ... £ : 2 : 6 12/5/ 1882  
 to be sent as per margin.  
 (Travelling Expenses, if any, £ 2 : 13 : 0)

Committee's Minute

Friday, 19th May, 1882.

Assigned

Lloyd Mc 5.82

Engineer Surveyor to Lloyd's Register of British &amp; Foreign Shipping.



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Foundation



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*[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]*

It is submitted that this vessel  
is safe to have the notification  
along in 1852 recorded.

D.S. 19/5/52