

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

No. *49075* Date of Writing Report *Dec. 28<sup>th</sup> 1888* Port of *London*  
 No. in Reg. Book. *Survey held at London* Date, first Survey *same* Last Survey *Dec. 28<sup>th</sup> 1888*  
 on the Machinery of the *Tongarua* Master *John Elder & Co* No. of Visits *1*  
 Tonnage { Gross *4163* Vessel built at *Glasgow* By whom *John Elder & Co* When *1883* YEAR. MONTH.  
 Net *2657* Engines made at *Glasgow* When *1883* Boilers, when made (Main) *1883* (Donkey) *1883*  
 Registered Horse Power *600* Owners *New Zealand S. Co* Port *Lyttelton* Voyage  
 No. of Main Boilers *110* If Surveyed Afloat or in Dry Dock *Albert Dry Dock* Class of Vessel & Machinery *+ L.M.C. 4.5*  
 Steam Pressure in Main Boilers *110 lbs.* (State name of Dock.) (As in Register Book.)  
 in Donkey Boiler

Last Survey No. *Port*

Particulars of Examination and Repairs (if any) *S.S. No. 1 Completion*

(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

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time? ☒

If this was not done, state for what reasons? ☒

And what parts of the Boilers could not be thus thoroughly examined? ☒

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each boiler? ☒

*Propeller and propeller shaft examined & found in good condition - Stem-bush and outer bearing relined with lignum-vitae and sea-cocks & connections examined & found good.*

General Observations, Opinion, and Recommendation:-- *As far as can be seen the machinery of this vessel is in a sound & efficient condition, and she is eligible in my opinion to remain as classed.*

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28) .....	£ 1 : 1 : 0	121 188 9
Special Damage, Fee (per Section 28) .....	£ : :	received by me,
*Certificate (if required) as per margin .....	£ : :	
Travelling Expenses (if chargeable).....	£ : :	3/4 188 9

*Herbert M. Rogers,*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned

*Remain as classed*



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 Foundation  
 LON684-0461



It is submitted that this  
vessel is eligible to  
remain as classed

Md  
14.1.89

