

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

No. *8304* Date of Writing Report 1888 Port of *Glasgow* (Received at London Office, THURS 19 JAN 1888)  
 No. in Survey held at *Glasgow* Date, first Survey *9<sup>th</sup> Dec<sup>r</sup> 1884* Last Survey *10<sup>th</sup> Jan<sup>r</sup> 1888*  
 Reg. Book. *733* on the Machinery of the *S. S. "Ethel."* Tons, Net *162* Gross *300*  
 Surveyed *Afloat* or in Dry Dock *Kelvinhaugh* Vessel built at *Belfast* in 1880 Engines made in 1880  
 (State name of Dock.)  
 No. of Main Boilers ..... Made in 18 ..... Donkey Boiler made in 18 ..... Working Pressure, Main Boilers *80* lbs.;  
 Working Pressure, Donkey Boiler ..... lbs.; Owners *S. Mac Brayne* Port *Glasgow*  
 Last Survey No. ..... Port ..... Class of Vessel and Machinery *90A1.4.87.*  
 (As in Register Book.) *H.M.C. 10.85.*

## Particulars of Repairs and Examination

(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? ..... }

## Docking Survey.

owing to damage to this vessels hull the vessel has been placed on slip way. All sea suction and blow off cock have been removed from damaged plating and refitted on the new ones in a satisfactory manner Propeller & fastenings overhauled and examined.

General Observations, Opinion, and Recommendation:— *As far as can be seen this vessels machinery is now in good order and is in my opinion eligible to remain as classed.*

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	:	:	188
Special Damage, Fee (per Section 26).....	£	:	:	
*Certificate (if required) as per margin.....	£	:	:	received by me,
Travelling Expenses (if chargeable).....	£	:	:	188

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

Committee's Minute *FRIDAY 20 JAN 1888* *TUESDAY 31 JAN 1888*  
 Assigned *No new record*



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It is submitted that this vessel is eligible to remain as classed. The annual boiler survey should be held as per

rule. Adf  
19.1.88



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