

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

SAT. 12 AUG 1893

Date of writing Report *August 5<sup>th</sup> 93* When handed in at Local Office *9<sup>th</sup> Aug. 1893* Port of *Glasgow*

No. in Book *108* Survey held at *Anderson* Date, First Survey *26<sup>th</sup> July* Last Survey *2<sup>nd</sup> August 1892*

on the Machinery of the *Wood, Iron or Steel* *P.P. Baron & Co.* Master *C.R. Smith*

Gross Tonnage *1772* Net Tonnage *1135* Vessel built at *Port Glasgow* By whom *Murdoch & Munro* When *1889*

Registered Horse Power *160* Engines made at *Glasgow* When *1889* Boilers, when made (Main) *1889* (Donkey) *1889*

No. of Main Boilers *Two* Owners *H. Hogarth* Port *Anderson* Voyage

Steam Pressure in Main Boilers *160 lbs* Surveyed *At* in Dry Dock *Anderson* (State name of Dock.)

Donkey Boiler

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned to last survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+ 100A1 9.93</i>		<i>+ LMC. 6.89</i>

Last Survey No. *Port* *Damap & Special*

Particulars of Examination and Repairs (if any) *Special*

Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. 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 (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

Do. " Donkey " " " *Yes*

Was this 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? *✓*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes*

What pressure were they afterwards adjusted under steam? *Not adjusted*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*

To what pressure were they afterwards adjusted? *Not adjusted*

If the Survey is not complete state what arrangements have been made for its completion? *Safety valves to be flooded at Swansea*

The machinery & boilers opened up for survey. Examined cylinders, pistons slide valves pumps & shafting & found all in good order. Main boiler, examined over all parts & found in good condition. Donkey boiler, a new stay has been fitted at bottom of water space, on examination over all parts this boiler was found to be in good order. When in dry dock all sea cocks & connections propeller & fastenings were examined & found in good order.

On account of damage, L.P. Crank pins bushes refitted with white metal, new top bushes & eccentric strap liners, stem bush renewed with lignum vitae, steering engine repaired & new worm wheel fitted. See damage report appended.

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 9.93, B.&M.S. 9.93 or L.M.C. 9.93, as the case may be.)

*boilers of this vessel are in good & safe working condition*

*in my opinion eligible to remain as classed & have*

*notification L.M.C. 7.93 when the safety valves of the main*

*and donkey boilers have been adjusted under steam*

Office of Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	4	10	9/8/18 93
Special Damage Fee (per Section 28).....	£	2	2	14/8/93
Travelling Expenses (if chargeable).....	£	1	4	Received by me,

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

\*State if Certificate is required

Committee's Minute *TUES. 15 AUG 1893*

Assigned