

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

No. 12435

(Received at London Office)

FRI 23 FEB 1894

Date of writing Report 18 When handed in at Local Office 18
 No. in Reg. Book. Survey held at *Glasgow* Date, First Survey *9 Feb* Last Survey *Feb 10th 1894*
372 on the Machinery of the *Wood, Iron or Steel* *P. P. Muraggio* Master *H. Holmes*
 Tonnage { Gross *1075* Vessel built at *Belfast* By whom *Winstanley Clark & Co* When *1883* MONTH *4*
 Net *668* Engines made at *Belfast* When *1883* Boilers, when made (Main) *1883* (Donkey) *1883*
 Registered Horse Power *99* Owners *P. P. Muraggio & Co (Lms)* Port *Glasgow* Voyage *Mediterranean*
 No. of Main Boilers *one* H Surveyed Afloat *in Dry Dock* *Gowan*
 Steam Pressure *85* Main Boilers *in Donkey Boiler* ✓
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. *Port*
 Particulars of Examination and Repairs (if any) *Special*
 Periodical Surveys, when held, must be reported in detail and serially 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.

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A1. 2. 93</i>		<i>LMC. 7. 89 BS. 11. 92</i>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *yes*
 Do. " Donkey " " " " *no*
 If this was not done, state for what reasons? *Donkey boiler under steam*
 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 found in good order*
 At what pressure were they afterwards adjusted under steam? *not adjusted*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *no*
 To what pressure were they afterwards adjusted? *not adjusted*
 If the Survey is not complete state what arrangements have been made for its completion? *On the return of the vessel*

& this Port in about fourteen days
The cylinders pistons slide valves pumps & shafting examined
& found in good order, when in the above dry dock all sea
cocks & connections were overhauled, the propeller shaft
was drawn in & examined found in good order
Main boiler examined over all parts; several new tubes
have been fitted, three new screwed stays in starboard,
& two in port combustion chamber have been fitted
old patch on centre furnace taken off and larger one fitted
To complete this survey the safety valves of the main boiler
have to be adjusted under steam, the donkey boiler to
examined over all parts & the safety valves adjusted
under steam

General Observations, Opinion, and Recommendation:— *As far as seen the*
 (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, 92, B.&M.S. 9, 92 or L.M.C. 9, 92, as the case may be.)
machinery of this vessel is in good order and
*in my opinion eligible to have notification *LMC**
2 94 in the Register Book

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ *3* : *10* :
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for *21/2/94*
 Received by me, *A. M. Hand*

*State if Certificate is required
 Committee's Minute *TUES. 27 FEB 1894*
 Assigned *Deferred*
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 FRIDAY 10 AUG 1894
 FRI 30 MAR 1894
 FRIDAY 14 DEC 1894
 Lloyd's Register Foundation
 GLS169-0156