

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

(Received at London Office)

Date of writing Report *Dec 31 1885* When handed in at Local Office *18* Port of *Glasgow*

-No. in Reg. Book. *156* Survey held at *Glasgow* Date, First Survey *Dec 28th* Last Survey *Dec 29th 1885*

on the Machinery of the *Wood, Iron or Steel* *S. Pearl* Master *(No. of Visits 2)*

Tonnage { Gross *446* Net *211* Vessel built at *Paisley* By whom *Gullartou & Co* When *1885* YEAR. MONTH.

Registered { Horse Power *40* Engines made at *Glasgow* When *1885* Boilers, when made (Main *1885* (Donkey) *1885*)

No. of Main Boilers *1* Owners *Mr Robertson* Port *Glasgow* Voyage *London*

No. of Donkey Boilers *1* Steam Pressure in Main Boilers *90 lbs* If Surveyed Afloat or in Dry Dock *Afloat* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers *50 lbs* (State name of Dock.)

-No. in Reg. Book. 156 Survey held at Glasgow Date, First Survey Dec 28th Last Survey Dec 29th 1894
on the Machinery of the Wood, Iron or Steel S. Pearl Master (No. of Visits 2)
Tonnage { Gross 446 Net 211 Vessel built at Paisley By whom Gullartou & Co When 1885
Registered Horse Power 40 Engines made at Glasgow When 1885 Boilers, when made (Main 1885 (Donkey) 1885
No. of Main Boilers 1 Owners Wm Robertson Port Glasgow Voyage London
No. of Donkey Boilers 1
Steam Pressure in Main Boilers 90 lbs If Surveyed Afloat or in Dry Dock Afloat Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 50 lbs (State name of Dock.)

| | | | | | |
|--|---------------|-----------------------------------|-----------------------------------|---|--------------|
| Tonnage { Gross <i>446</i> Net <i>211</i> | | Vessel built at <i>Paisley</i> | By whom <i>Jullarton & Co</i> | When <i>1885</i> | YEAR. MONTH. |
| Registered | <i>40</i> | Engines made at <i>Glasgow</i> | When <i>1885</i> | Boilers, when made (Main <i>1885</i> Donkey <i>1885</i>) | |
| Horse Power | <i>40</i> | Owners <i>Mr Robertson</i> | Port <i>Glasgow</i> | Voyage <i>London</i> | |
| No. of Main Boilers | <i>1</i> | | | | |
| No. of Donkey Boilers | <i>1</i> | | | | |
| Steam Pressure in Main Boilers | <i>90 lbs</i> | If Surveyed Afloat or in Dry Dock | <i>Afloat</i> | Particulars of Classification (which must be inserted precisely as in Register Book & Supplements). | |
| in Donkey Boilers | <i>50 lbs</i> | (State name of Dock.) | | | |

| | | | | | | | | | |
|------------------------------------|----------------------|--------------------------------|--------------|--|----------------|---------------------------|--------|----------|--------|
| Tonnage | Gross 470 Net 211 | Vessel built at | Presley | By whom | Lullarton & Co | When | 1885 | YEAR. | MONTH. |
| Registered | 40 | Engines made at | Clayton | When | 1885 | Boilers, when made (Main) | 1885 | (Donkey) | 1885 |
| Horse Power | 40 | Owners | M. Robertson | Port | Clayton | Voyage | London | | |
| No. of Main Boilers | 1 | | | | | | | | |
| No. of Donkey Boilers | 1 | | | | | | | | |
| Steam Pressure— in Main Boilers | 90 lbs | Surveyed Afloat or in Dry Dock | Afloat | Particulars of Classification (which must be inserted precisely as in Register Book & Supplements). | | | | | |
| in Donkey Boilers | 50 lbs | (State name of Dock.) | | | | | | | |

Registered *401* Engines made at *Clayton* When *1885* Boilers, when made (Main) *1885* (Donkey) *1885*
Horse Power _____ Owners *Mr. Robertson* Port *Clayton* Voyage *London*
No. of Main Boilers _____
No. of Donkey Boilers _____
Steam Pressure _____ If Surveyed Afloat or in Dry Dock *Afloat* Particulars of Classification (which must be inserted
in Main Boilers *90 lbs* (State name of Dock.) precisely as in Register Book & Supplements.
in Donkey Boilers *50 lbs*

| | | | | | | | |
|--|---------------|--------------------------------|----------------------|------|----------------|--------|---------------|
| No. of Main Boilers | 1 | Owners | <i>Mr. Robertson</i> | Port | <i>Clayton</i> | Voyage | <i>London</i> |
| No. of Donkey Boilers | 1 | | | | | | |
| Steam Pressure— in Main Boilers | <i>90 lbs</i> | Surveyed Afloat or in Dry Dock | <i>Afloat</i> | | | | |
| in Donkey Boilers | <i>50 lbs</i> | (State name of Dock.) | | | | | |
| Particulars of Classification (which must be inserted precisely as in Register Book & Supplements). | | | | | | | |

No. of Donkey Boilers _____
Steam Pressure— 90 lbs
in Main Boilers _____
in Donkey Boilers 50 lbs

If Surveyed Afloat or in Dry Dock Afloat
(State name of Dock.) _____

Voyage Road

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

in Main Boilers 150 lbs (State name of Dock.) precisely as in Register Book & Supplements).
in Donkey Boilers 50 lbs

Last Survey No. 16055 Port Law

articulars of Examination and Repairs (if any) +100.00 + J.M.L.

Periodical Surveys, when held, must be reported in detail and serialim 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.

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

Do. " Donkey " " "

this was not done, state for what reasons? *under terms*

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

At what pressure were they afterwards adjusted under steam? *Not seen under steam*

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted? *safety valve tried under clean pressure 500*

If the Survey is not complete state what arrangements have been made for its completion?

Arranged for Safety valves of main Boilers to be
tried under Steam & inside of Donkey Boilers
to be examined at London to which port she
has just returned.

Since last survey a new neck piece has been put upon the main steam pipe with new flange next to the stop valve chest on the boiler

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 1,01, B.&M.S. 1,01 or $\frac{1}{2}$ L.M.C. 1,01, 110 lb., F.D., &c.)

The main boiler with its safety valves & connections are now in good condition & when the above mentioned portions of the Survey are completed the vessel will in my opinion be ready to be noted in the Register.

| | | | | |
|---|------------|--|-------------------|----------------|
| Office or Registration Fee (per Sec. 27)..... | £ : : | Fees applied for | 31/12/1894 | Book No. 12/94 |
| Survey Fee (per Section 28)..... | £ 1 : 10 : | Received by me, | James H. Mollison | |
| General Damage Fee (per Section 28)..... | £ : : | Engineer Surveyor to Lloyd's Register of British and Foreign Shipping. | | |
| Travelling Expenses (if chargeable)..... | £ : : | | | |

al Damage Fee (per Section 28)..... £ : :
 travelling Expenses (if chargeable)..... £ : :
 Received by me, *James Morrison*
H. J. Morrison Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Travelling Expenses (if chargeable)..... £ : :

ate if Certificate is required.....

Committee's Minute

Assigned Reserve

Deferred

Fees applied for
 31/12/1894 Book B. 12/94
 Received by me, James Holliman
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Received by me, James H. Mollison
 16 James H. Mollison
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

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

Clyde District

FRIDAY 4 JAN 1895

FRIDAY JAN 1897

5171-0133

G-LS171-0133