

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

(Received at London Office) FRI. APL 10 1896

Date of writing Report *4th April* 1896 When handed in at Local Office *4th April* 1896 Port of *Glasgow*

No. in Reg. Book. *698* Survey held at *Glasgow* Date, First Survey *1st April* Last Survey *3rd April* 1896

698 on the Machinery of the *Wood, Iron or Steel* *S S Minerva* Master *J Mack*

Tonnage Gross *678* Net *399* Vessel built at *Newcastle* By whom *Palmer Bros & Co* When *1862* YEAR. MONTH.

Registered Horse Power *90* Engines made at *Newcastle* When *1870* Boilers, when made (Main) *1877* (Donkey)

No. of Main Boilers *2* Owners *Palgrave Murphy & Co* Port *London* Voyage _____

No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *Slipway* (State name of Dock.) *Edinburgh*

Steam Pressure in Main Boilers *65* in Donkey Boilers *80*

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

Last Survey No. _____ Port _____

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned for expiry.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>95 A1</i>		<i>L & C</i>
<i>8-95</i>		<i>H-92</i>
<i>1st Oct 1-92</i>		<i>B S 8-95.</i>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *No.*

Do. " Donkey " " " *No.*

If this was not done, state for what reasons? *Not due for survey.*

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?

At what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted? _____

Has the propeller shaft been drawn and examined at this time? *No.*

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

When this vessel was on slipway the propeller and sea cock fastenings were examined and found in order.

General Observations, Opinion, and Recommendation:— *The machinery of this vessel so far as seen is in good condition, and is eligible in my opinion to remain as classed in register book.*

(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.A.M.S. 1,01 or L.M.C. 1,01, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27)..... £	:	:	Fees applied for
Survey Fee (per Section 28)..... £	:	:	
Special Damage Fee (per Section 28)..... £	:	:	
Travelling Expenses (if chargeable)..... £	:	:	
			Received by me,
			18

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

*State if Certificate is required. _____

Committee's Minute *TUES. APL 14 1896*

Assigned *as was*

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

10-LAPH (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship and Machinery precisely as in the Register Book.

