

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

(Received at London Office) 14th NOV 1898

Date of writing Report *Jan 23rd 98* When handed in at Local Office *18* Port of *London*

No. in Reg. Book *158* Survey held at *London* Date First Survey *S.P. Langla Grange* Last Survey *Jan 22nd 1898*

on the Machinery of the *Wood, Iron or Steel* Master *Archibald*

Tonnage { Gross *3857* Net *3844* Vessel built at *Belfast* By whom *Workman Clark & Co.* When *1896* Boilers, when made (Main) *1896* (Donkey) *1898*

Registered Horse Power *513* Engines made at *do.* Owners *Langla Grange S.P. Co. Ltd* Port *London* Voyage *Australia*

No. of Main Boilers *3* No. of Donkey Boilers *one* Steam Pressure in Main Boilers *100 + 90* If Surveyed Afloat or in Dry Dock *Victoria Dock* (State name of Dock.)

in Donkey Boilers *150 lbs.*

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 how long expired	Machinery and Boiler Surveys (including date of N.B., if any).

Last Survey No. *4922* Port *Bell*

Particulars of Examination and Repairs (if any) *Comp. of Damage. £ 100 A.I. 298. H.L.M.C. 5-96*

(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.)

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? *See Belfast yr. No. 4922.*

And what parts of the Boilers could not be thus thoroughly examined? *Completed.*

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? *None*

Did the Surveyor examine the Safety Valves of the Main Boiler? *No* To what pressure were they afterwards adjusted under steam? *180 lbs. Gauge. Stand. 90 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *No* To what pressure were they afterwards adjusted under steam? *do.*

Has the propeller shaft been drawn and examined at this time? *No* If spare propeller shaft fitted, state whether new? *do.*

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *do.*

If the survey is not complete state what arrangements have been made for its completion and what remains to be done? *Now done. Main Boiler disconnected from main steam pipe & blank flange fixed to stop valve, auxiliary valves made non-return. Safety valves adjusted as above.*

General Observations, Opinion, and Recommendation:—This vessel's Machinery is now (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. 9,97, B.&M.S. 9,97 or S.L.M.C. 9,97, 140 lb., F.D., &c.)

as far as seen in safe condition & in our opinion the vessel is eligible for the record H.L.M.C. 11-98 as recommended in the Belfast yr. No. 4922.

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

State if Certificate is required *do.*

Committee's Minute *L.M.C. 11-98 subject*

Assigned *+ N.B. (1) 11-98*

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

FRI. 2 DEC 1893 FRI. MAR 7 1902

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One Main Boiler disconnected from
main steam pipe, this is the Starboard
Boiler and it is now being
repaired to go on until repaired
At this time an extra

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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