

No. 16638

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

(Received at London Office)

THUR, 22 DEC 1898

Writing Report. 20-Dec-1898 When handed in at Local Office 18  
in Book. Survey held at Glasgow Date, First Survey 6th Dec- Last Survey 15th Dec- 1898  
on the Machinery of the Wood, Iron or Steel S. S. "HESTIA" Master  
Gross 3790 Net 2434 Vessel built at Sunderland By whom W. Dooxford Sons When 1890. 3  
Registered Horse Power 390 Engines made at Sunderland When 1890 Boilers, when made (Main) 1890 (Donkey) 1890  
No. of Main Boilers 2 Owners Donaldson Bros Port Glasgow Voyage  
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat (Princes)  
Steam Pressure in Main Boilers 160 lbs Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
in Donkey Boilers 80

Last Survey No. 738 Port Bal

## Particulars of Examination and Repairs (if any) Special Survey.

Periodical Surveys, when held, must be reported in detail and seriatim 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 " " " Yes.

If this was not done, state for what reasons? Main Boilers not due.

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? No

To what pressure were they afterwards adjusted under steam? ✓

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

To what pressure were they afterwards adjusted under steam? ✓

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

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

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

Examined High & low pressure cylinders, all slide valves, pistons, pumps, condensers, crank & tunnel shafts. Arrangement of cocks pipes & large suction, & found same in good condition. This completes the Machinery Survey see Glasgow Report 16434 22nd Sept-1898.

Examined donkey boiler & safety valve, all the plain tubes have been renewed, & the neck of uptake re-riveted, the boiler tested to 150 lbs with water & found tight & sound. the boiler is now in good condition & the safety valve is also good. To complete the Boiler Survey the main boilers & their safety valves require to be examined & all the valves adjusted under steam. This will be done on her return in January.

## 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. 9, 97, B.&H.S. 9, 97 or L.M.C. 9, 97, 140 B., F.D., &c.)

of this vessel is in a good & efficient condition, eligible in my opinion to remain as classed & to have fresh record of M.S. 9. 98, also to have fresh record of B.S. 12. 98. when the Boiler Survey has been completed.

Office or Registration Fee (per Sec. 27) £ 2  
Survey Fee per Section 28 £ 5. 10. 0  
Special Damage Fee (per Section 28) £ 4. 19. 0  
Travelling Expenses (if chargeable) £ 2

Fees applied for

21. 12. 1898

27. 12. 98

Received by me,

24. 12. 98

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

State if Certificate is required

Committee's Minute

Assigned

FRI. 23 DEC 1898

TUES. 7 FEB 1899

TUES. 28 FEB 1899

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615182-034



Donkey Boilers examined and all plain tubes renewed.  
Pare-Engines examined.

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.

It is submitted that  
this vessel is eligible for  
THE RECORD. :- L.M.S. No. 9.98  
and will be eligible for  
record B.S. 12.98  
when the Main Boilers  
and their Safety Valves  
have been <sup>examined</sup> adjusted  
under steam.

A.C.H.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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