

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

(Received at London Office)

FRI, 4 MAR 1898

Date of writing Report 4 March 1898 When handed in at Local Office Port of London

No. in Reg. Book 372 Survey held at London Date, First Survey 28 Jan Last Survey 4 March 1898

on the Machinery of the Wood, Iron or Steel S.S. "Hilma Bismark" Master M. Gadeberg

Tonnage { Gross 728 Net 222 Vessel built at Sunderland By whom Sunderland S.B. Co. (Lim) When 1896-11

Registered Horse Power 134 Engines made at Sunderland When 1896 Boilers, when made (Main) 1896 (Donkey) 1896

No. of Main Boilers one Owners Bismark Line Port Hamburg Voyage Hamburg

No. of Donkey Boilers one Surveyed Afloat or in Dry Dock Linehouse + Beckton Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 175 lb in Donkey Boilers 100 lb (State name of Dock.)

CHARACTER	Year Assigned now or expired	Machinery and Boiler Surveys (including date of N.B., if any)
* for Special Survey. Date of last Survey and of Periodical Surveys.		

Last Survey No. _____ Port _____

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 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? Yes

Do. " Donkey " " " Yes

If this was not done, state for what reasons? ✓

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 adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? Not adjusted

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? 1/16"

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

Special Survey for sale at request of owner & Hawthorn.

Vessel placed in dry dock. Examined propeller, propeller shaft as far as possible (not drawn), stern bush & all sea connections and fastenings of same & found satisfactory. The propeller shaft was drawn & examined at the latter part of 1897.

Examined all cylinders, pistons, valves & spces, crank, tunnel, & thrust shafting, condensers, air, circulating, feed & bilge pumps & bilge injection & found satisfactory.

Examined Main Boiler externally & internally & found it in good condition. several seams touched up.

Examined Safety valves & found them satisfactory.

Examined Main Boiler under hydraulic test to 280 lbs per sq inch & found it perfectly tight & sound.

Examined Donkey Boiler externally & internally and found it in good condition. Top seam of uptake above shell crown touched up.

General Observations, Opinion, and Recommendation:—The machinery of this vessel, so far as seen, is now in a safe working condition and eligible, in my opinion, to have +LMC 3.98 Recorded in the Register of the Society.

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 995, B.&F.S. 995 or L.M.C. 995, 140 lb., F.D., &c.)

	£	s	d	Fees applied for
Office or Registration Fee (per Sec. 27)	2	0	0	3/3 1898
Survey Fee (per Section 28)	4	0	0	
Special Damage Fee (per Section 28)	0	8	0	
Travelling Expenses (if chargeable)	3	12	0	Received by me, 4/3/98
Total				7.3.0

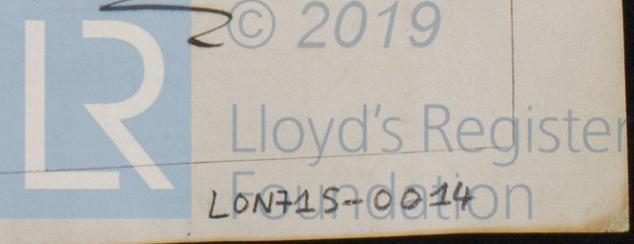
Thomas R Blackie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required _____

Committee's Minute _____

Assigned as now

FRI, 4 MAR 1898 TUES, 8 MAR 1898



If so, is the Report sent now, or when will it be sent?

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

*Certificate to be sent to

59649. Jan.

S. S. Helma Bismarck

Continued

Examined Donkey Boiler safety valves & found satisfactory

Examined Donkey Boiler under hydraulic test to 200 lbs per sq inch & found it tight.

~~4.3.98 Examined Main & Donkey Boilers under steam & adjusted safety valves to working pressures.~~

~~W.P.~~

This vessel has been sold and sails tonight, the crew owners urgently require the certificate. To complete the survey the safety valves (Main & Donkey) require to be adjusted to working pressures and this is to be done today, a telegram will be forwarded as soon as the above has been done.

This vessel has been sold, owned by the Bismarck Line (Lim) Managers C. G. Gottermann June

Altona (Phe)

Germany

J.A. Blackie

N.B.—If this Report is copied by Copying Press, special 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.

It is submitted that this vessel WILL BE eligible for the record, + d. in C. 3.98 when the safety valves of the main & donkey boilers have been adjusted under steam

[Signature]
4.3.98



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