

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 128 Net 122 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 Limehouse & 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.)

Last Survey No. Port
 Particulars of Examination and Repairs (if any) Special Survey

(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? 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? No To what pressure were they afterwards adjusted? Not adjusted

Has the propeller shaft been drawn and examined at this time? ✓ 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 & spcs, crank, Lunnel,
& 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 lb 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,

(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. 9.95, B.&M.S. 9.95 or L.M.C. 9.95, 140 lb., F.D., &c.)

so far as seen, is now in a safe working condition and
eligible, in my opinion, to have + L.M.C. 3.98 Recorded in
the Register of the Society.

Office or Registration Fee (per Sec. 27)..... £ 4 0 0
 Survey Fee (per Section 28)..... £ 4 0 0
 Special Damage Fee (per Section 28)..... £ 3 12 0
 Travelling Expenses (if chargeable)..... £ 7 2 0
 *State if Certificate is required

Fees applied for

3/3 1898

Received by me,

4/3/98

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

Committee's Minute

Assigned

FRI, 4 MAR 1898

TUES, 8 MAR 1898



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Lloyd's Register Foundation

LON715-0014

59649. Jan.

S. S. Hilma 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. H. Blackie~~

This vessel has been sold and sails tonight, the new 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 Inc
Altona (Ills)
Germany.

W. H. Blackie

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

It is submitted that this vessel WILL BE eligible for the record, + 4.3.98 when

the safety valves of the main & donkey boilers have been adjusted under steam

4.3.98

W. H. Blackie



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