

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

(Received at London Office

SAT. 29 JUL 1899

Date of writing Report 28 July 1899 When handed in at Local Office 18 Port of London  
 No. in Reg. Book 26 Survey held at London Date, First Survey 3 July Last Survey 27 July 1899  
on the Machinery of the Wood, Iron or Steel S. S. "Galatea" Master J. H. H. H.  
 Tonnage { Gross 547 Net 293 Vessel built at Lunduland By whom Lunduland S.B. Co. (Lm) When 1887-8  
 Registered Horse Power 95 Engines made at Lunduland When 1887 Boilers, when made (Main) 1887 (Donkey) 1887  
 No. of Main Boilers 1 Owners J. T. Harrison Port London Voyage Support  
 No. of Donkey Boilers 1 Surveyed Afloat or in Dry Dock Mountain Hard Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers 150 lbs in Donkey Boilers 70 lbs

Last Survey No. PortParticulars of Examination and Repairs (if any) Boiler Survey

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Regulations, and 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? YesDo. " Donkey " " " YesIf 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? YesTo what pressure were they afterwards adjusted under steam? not adjustedDid the Surveyor examine the Safety Valves of Donkey Boiler? YesTo what pressure were they afterwards adjusted under steam? ✓Has the propeller shaft been drawn and examined at this time? NoIf 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? The completed on vessel

return in about 4 or 5 days. All safety valves & re adjusted  
 dry docking completed at Liverpool in February 99  
 Examined all cylinders, pistons, bonnets, valves & valves,  
 condenser, crank, Tunnel, & Thrust shafting. Air  
 Circulating, Dead & Bilge pumps. All Air, Cui, Dead  
 & Bilge pump rams & rods tried up, glands rebushed & neck  
 rings renewed.

Examined Main Boiler externally & internally. A  
 large flanged covering plate has been fitted over front  
 end plate at bot, taking rivets of shell seam & Centre  
 Furnace seam. The Centre Furnace found cracked  
 in two places at weld, a strap extending full length  
 of Furnace has been fitted & riveted. Rivets at bot Seams  
 of Centre Comb Chank? bottom renewed. Several seams  
 touched up. Centre Furnace & S Furnace have been set  
 true. Both bottom Manhole doors renewed. P.T.O

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. 9.97, B.S.M.S. 9.97 or L.M.C. 9.97, 140 lb., F.D., &c.)

As far as seen, is now in a safe working condition &  
 eligible, in my opinion, & have L.M.C. 7.99 Recorded  
 in the Register of the Society, when the Main & Donkey  
 Boiler safety valves have been adjusted under steam &  
 working pressures

Office or Registration Fee (per Sec. 27) 2  
 Survey Fee (per Section 28) £3 10 0  
 Special Damage Fee (per Section 28) £7 0 0  
 Travelling Expenses (if chargeable) £3 3 0

State if Certificate is required

Committee's Minute

Assigned

Note was made

See Lon. No. 61346

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

Lloyd's Register  
 Foundation

LON 719 - 6136



61347 <sup>Lon</sup>  
S. S. "Galatea"

Continued

Safety valves Satisfactory  
Main Funnel Renewed  
Examined Main Boiler under hydraulic test  
& 210 lbs pressure & found all tight  
Examined Donkey Boiler externally & internally  
& found it in fair condition  
Two hand hole doors renewed.

The vessel sailed & no opportunity was  
given to adjust Safety Valves - same to be  
done on vessel's return from present voyage.  
in about 4 or 5 days.

To Complete Survey - All Safety Valves & be  
adjusted under steam & working pressure

J. A. Blackie

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

Considerable repairs to Main Boiler &  
acc of wear & tear.

It is submitted that this  
vessel WILL BE eligible for  
the record.

to M. G. 7, 9, 10 when

All safety valves have been

adjusted under steam

vessel moving to be

removed from

limit list. 1/6/1909



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