

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

(Received at London Office **FRI. 15 DEC 1899**)

Date of writing Report 14 Dec 1899 When handed in at Local Office 18 Port of London

No. in Reg. Book. Survey held at London Date, First Survey 1 Nov Last Survey 3 Dec 1899
(No. of Visits 19)

149 on the Machinery of the Wood, Iron or Steel S. S. "Wazzari" Master C. Bradenburg

Tonnage Gross 1484 Net 947 Vessel built at Belfast By whom McQuinn & McCulloch When 1893 - 11

Registered Horse Power 183 Engines made at Belfast When 1893 Boilers, when made (Main) 1893 (Donkey) 1893

No. of Main Boilers one Owners Messrs S. S. & L. (Leah Harrison) Ltd Port Liverpool Voyage Canaries

No. of Donkey Boilers one If Surveyed Afloat or in Dry Dock (State name of Dock.)

Steam Pressure in Main Boilers 180 lbs in Donkey Boilers 80 lbs

Last Survey No. Port

Particulars of Examination and Repairs (if any) Damage - BS

(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.)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Year asked now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1 - 7.99</u>		<u>+L.M.C. 10.98</u>
<u>SS Lon 701 - 98</u>		

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 To what pressure were they afterwards adjusted under steam? How 180 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? How 78 lbs

Has the propeller shaft been drawn and examined at this time? Yes 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? Stem Bush relined

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

Vessel damaged by collision - Stem examined in dry dock Propeller, Stem Bush (rewooded), & all sea connection & fastenings - satisfactory. Examined propeller shaft (drawn), found it badly fractured at fore end of aft liner this liner also badly worn in way of packing - a new propeller shaft fitted - certificate appended - The bolts to coupling of intermediate crank web & body piece, found slack, the holes have all been cleaned out & new ones fitted. Crank shaft relined. A new Weir evaporator fitted & connected. Examined Main Boiler externally & internally & found it in fair condition - seven screw stays to Comb Chamber back's renewed also a number of stay nuts renewed. Examined Donkey Boiler externally & internally & found it in fair condition - All safety valves (M & D) exam'd & satisfactory. Examined Main steam pipes under hydraulic test to 360 lbs & found tight. Examined Boilers under steam & adjusted safety valves to blow at working pressures.

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

so far as seen, is now in a safe working condition & eligible in my opinion, to have **B.S. 12.98**. Recorded in the Register of the Society.

	Fees applied for
Office or Registration Fee (per Sec. 27).....	28/12 18 99
Survey Fee (per Section 28).....	1 10 0
Special Damage Fee (per Section 28).....	3 0
Travelling Expenses (if chargeable).....	1 7 0

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

State if Certificate is required
Committee's Minute
Assigned BS 12-98

FRI. 29 DEC 1899



Has a Survey also been held on Ship? Yes
If so, is the Report sent now, or when will it be sent?

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

*Certificate to be sent to

