No. 60118

t. 9.

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

(Received at London Office MON 25 JUL 1898)

Date of writing Report 23 July 1898 When handed in at Local Office ..... 18 Port of London

No. in Reg. Book. 14 Survey held at London Date, First Survey 7 July Last Survey 20 July 1898 (No. of Visits 10)

on the Machinery of the ~~Wood, Iron or~~ Steel S. S. "Mabel" Master H. Marsh

Tonnage { Gross 390 / Net 237 } Vessel built at Leith By whom S & H Morton & Co When (Year) 1889 (Month) 9

Registered Horse Power 80 Engines made at Leith When 1889 Boilers, when made (Main) 1889 (Donkey) 1889

No. of Main Boilers one Owners Burnett Bros & Sons Port London Voyage Paris

No. of Donkey Boilers one

Steam Pressure— in Main Boilers 160 lbs in Donkey Boilers 160 lbs

~~If~~ Surveyed ~~Afloat or~~ in Dry Dock Glengall & Regent (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years Approved after expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A1 - 8.97		+ Lm C 12.93
SS Lon No 1 - 93		BS 8.97

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 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? blow 162 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? blow 110 lbs (sufficient)

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 vitæ of stern bush and top of after bearing of screw shaft? Stern Bush renewed

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

Vessel placed in dry dock. Examined propeller & all sea connections & fastenings, propeller shaft & Stern Bush. The propeller shaft taken on shore & liners tried up, Stern Bush (phosph bronze) renewed. Shell plate of vessel at main suction corroded, efficient patch riveted and Suction rejointed, 2 Stums renewed.

Examined all Cylinders, pistons, covers, Valves & faces, Crank, Tunnel & Thrust shafting, Condenser, Air, Circulating Feed & Bilge Pumps, Bilge Injection & water tight door.

Examined Main Boiler externally & internally & found it in fair condition. The bottom of Centre Comb Chamber, found corroded has been cut & a new bottom plate fitted, 6 screw stays & same renewed. Safety Valves satisfactory.

Exam^d Donkey Boiler externally & internally & found it in Good Condition Manhole door slack in hole, renewed. Safety Valve satisfactory. An extra 2½" dia Safety Valve chest complete fitted on Donkey Boiler

Examined Boilers under steam & adjusted Safety Valves to working Pressures.

General Observations, Opinion, and Recommendation:—The machinery of this vessel, so far as seen, is now in a safe working condition & eligible, in my opinion, to have + LMC 7.98 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 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.)

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

*Certificate to be sent to

		Fees applied for
Office or Registration Fee (per Sec. 27)	£ : :	25/7 18 98
Survey Fee (per Section 28)	£ 1 . 10 . 0	
Special Damage Fee (per Section 28) Less 100%	£ 3 : 0	
	£ 1 : 7 : 0	Received by me,
Travelling Expenses (if chargeable)	£ : :	28 7 98 18

AKD 2/8

Thomas R Blackie

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

*State if Certificate is required

TUES. 26 JUL 1898

Committee's Minute

Assigned + LMC 7.98

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

LON716-0135

Screw shaft examined liners tried up stern tube remark. Moderate repairs to Main Boiler

It is submitted that this vessel is eligible for THE RECORD.

+L. M. 6.7.98

LL
25/7/98

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.

☞ THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.