

No. 57207

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

FRI. DEC 20 1895

(Received at London Office)

Date of writing Report 18 Dec 95 When handed in at Local Office 18 Dec 95 Port of London

No. in Reg. Book 432 Survey held at London Date, First Survey 25 Nov 95 Last Survey 17 Dec 1895 (No. of Visits 18)

432 on the Machinery of the Wood, Iron or Steel S. S. Gracie Master J. Brown

Tonnage { Gross 1312 Net 811 Vessel built at Hartlepool By whom J. Withy & Co When 1879-9 YEAR. MONTH.

Registered Horse Power 213 Engines made at Stokton When 1879 Boilers, when made (Main) 1879 (Donkey) 1874

No. of Main Boilers 2 Owners S. Clarke & Co Port London Voyage Lyne

No. of Donkey Boilers one Steam Pressure in Main Boilers 80 lbs in Donkey Boilers 80 lbs Surveyed Afloat or in Dry Dock Blengall (State name of Dock.)

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

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Damage +100 H. 9.95 and part special survey LMC 10.92 BS. 9.95

(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 date 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? No

Do. " Donkey " " " No

If this was not done, state for what reasons? Not open for survey

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? No

At what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? No

To what pressure were they afterwards adjusted? ✓

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

If the Survey is not complete state what arrangements have been made for its completion? ✓

Damage stated to have been sustained through Propeller striking a buoy in the Thames on two occasions the engines being brought up standing.

Vessel placed in dry dock. Sea Connections & fastenings to same examined & found satisfactory. Propeller found broken at tip of 2 blades & also flanged at root of one blade (about 12" from boss) has been renewed. The stem bush has been relined. Forward bush or liner on propeller shaft found slack in the centre for about 10" inches round, both liners have been renewed. The crank pin (after) was found badly shattered, several circumferential flaws being found, a new built Crank shaft has been fitted, certificate for same attached. Top half of After pin bushes found broken, has been renewed. Top half of Thrust Patent Metal Ring

General Observations, Opinion, and Recommendation: The Engines & Boilers of this vessel are now, so far as seen, in a safe working condition & eligible in our opinion to remain as classed & to have record of LMC when the remainder of the survey has been completed.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 20/12/95

Survey Fee (per Section 28) £ : : 30

Special Damage Fee (per Section 28) £ 2.20

Travelling Expenses (if chargeable) less 10% £ 0.40 Received by me, 27/12/95

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

State if Certificate is required _____

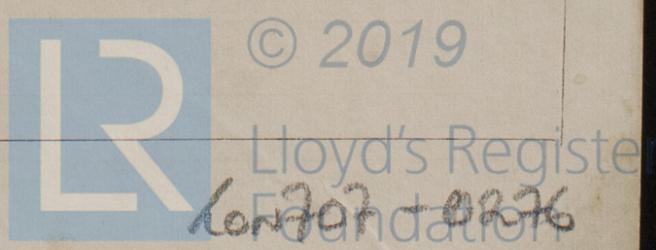
Committee's Minute TUES. DEC 24 1895

Assigned as now

note

16-LPH-Report No. 6-Transfer Ink-5,000, 3/4/95. (The Surveyors are requested not to write on or below the space for Committee's Minute.) State if a Report is also now sent on the Ship or by sea letters and when, one will be sent.

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



57207. Jan.

found broken has been renewed, 6 Coupling bolts renewed. Shafting all lined throughout Tunnel + Thrust shafts examined. Covers (Glands + valves) lifted + pistons examined also valves. Wear + Tear - 3 Main Bearing Bushes renewed

The Owners have requested that the examination of Crank, Thrust, Tunnel + propeller shafting, also sea connections be reckoned part of Special Survey.

The remainder of Special Survey will be completed when due.

L.A. Blackie