

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

No. 114233

Date of writing Report 19th Feb^y 1896 When handed in at Local Office _____ is _____
 (Received at London Office _____)
 No. in Reg. Book. 490 Survey held at Ardrassan Date, First Survey 13th Jan^y 1896 Last Survey 10th Sep^r 1896
 on the Machinery of the Wood, Iron or Steel S.S. Torbay Master Lochin
 Tonnage { Gross 1352 Net 830 Vessel built at Sunderland By whom Plummer & Co. When 1883 - 2
 Registered Horse Power 162 Engines made at _____ Boilers, when made (Main) 1883 (Donkey) _____
 No. of Main Boilers Two Owners James S. O. Coy. Ltd. Port Glasgow Voyage Mediterranean
 No. of Donkey Boilers One If Surveyed Afloat or in Dry Dock Both - Ardrassan (State name of Dock.)
 Steam Pressure in Main Boilers 80 lbs in Donkey Boilers 50 lbs

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

CHARACTER. & for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>T100A1</u>	<u>8-95</u>	<u>L.M.C. 7-91</u>
<u>35-75 7-2-91</u>		<u>B.S. 4-95</u>

(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 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? For previous Report see Report No. 1088 and Meddels 2nd 1462 & 1481
 Do. " Donkey " " " "
 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? _____
 At what pressure were they afterwards adjusted under steam? _____
 Did the Surveyor examine the Safety Valves of Donkey Boiler? _____
 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? _____

Repairs on account of Damage - See Damage Report: - Propeller shaft found flawed at taper part, and considerably wasted at the after end of after liner; for 2nd liner also found slack; propeller damaged at one blade - Recom^d a new shaft and propeller be fitted, the sea-cocks opened out and cleared, also pumps and condenser examined. The port cylinder of steam steering gear found cracked, Recom^d a new cylinder be fitted and the steering engine overhauled.

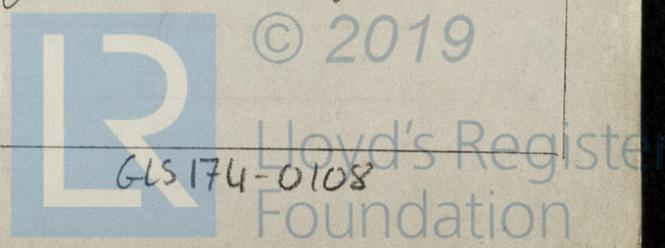
Repairs on account of Special Periodical Survey: - New outside rings fitted to port main boiler blow down, and to service sea-cocks. Thrust rings lined up, and adjusted to go ahead and astern sides.

General Observations, Obinion, and Recommendation: - The machinery of this vessel, as far as seen, in my opinion, is in safe working condition, and eligible to have record in the Register Book. L.M.C. B.S. 4.95. M.S. 2-96.

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ : :
 Special Damage Fee (per Section 28) £ 3:3: :
 Travelling Expenses (if chargeable) £ " 15: " :
 Fees applied for 14/21 1896
 Received by me, 20/21 1896

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

Committee's Minute TUES. FEB 25 1896
 Assigned m 22 96



State if a Report is to be sent on the ship or if not, whether, and when, one will be sent.
 (The Surveyors are requested not to sign on or below the space for Committee's Minute.)

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